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# SURVEY OF CURRENT BUSINESS

UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

October 1990 / Volume 70 Number 10

# SURVEY OF CURRENT BUSINESS

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**NOTE.—This issue of the SURVEY went to the printer on November 6, 1990. It incorporates data from the following monthly BEA news releases:**
Gross National Product (Oct. 30),
Personal Income and Outlays (Oct. 31), and
Composite Indexes of Leading, Coincident, and Lagging Indicators (Nov. 2).

# *the* BUSINESS SITUATION

U.S. production, as measured by real GNP, increased 2 percent in the third quarter of 1990 after increasing ½ percent in the second quarter and 1½ percent in the first (chart 1 and table 1).[1]

GNP, which measures production attributable to factors of production supplied by U.S. residents, includes net factor income received from abroad. This item has been quite volatile in recent quarters. Gross domestic product (GDP) is a measure of production that excludes net factor income and, consequently, reflects production attributable to factors of production located in the United States. In recent quarters, changes in real GDP have varied somewhat less than those in real GNP; for example, real GDP increased less than real GNP in the third quarter: Real GDP increased 1½ percent after increasing 1 percent in the second quarter and 2 percent in the first.

NOTE.—Daniel Larkins of the Current Business Analysis Division was primarily responsible for preparing this article, with contributions from Douglas R. Fox, Larry R. Moran, Ralph W. Morris, and Mira A. Piplani.

1. The regularly featured estimate of real GNP is based on 1982 weights. An alternative estimate of real GNP growth based on more current weights can be calculated using the change in the chain price index, which is published in table 8.1 of the "Selected NIPA Tables." This alternative measure increased 1½ percent in the third quarter after increasing 1 percent in the second. Growth of real GNP in 1987 dollars, another measure based on more current weights, will be published in the "Reconciliation and Other Special Tables" in the November SURVEY OF CURRENT BUSINESS.

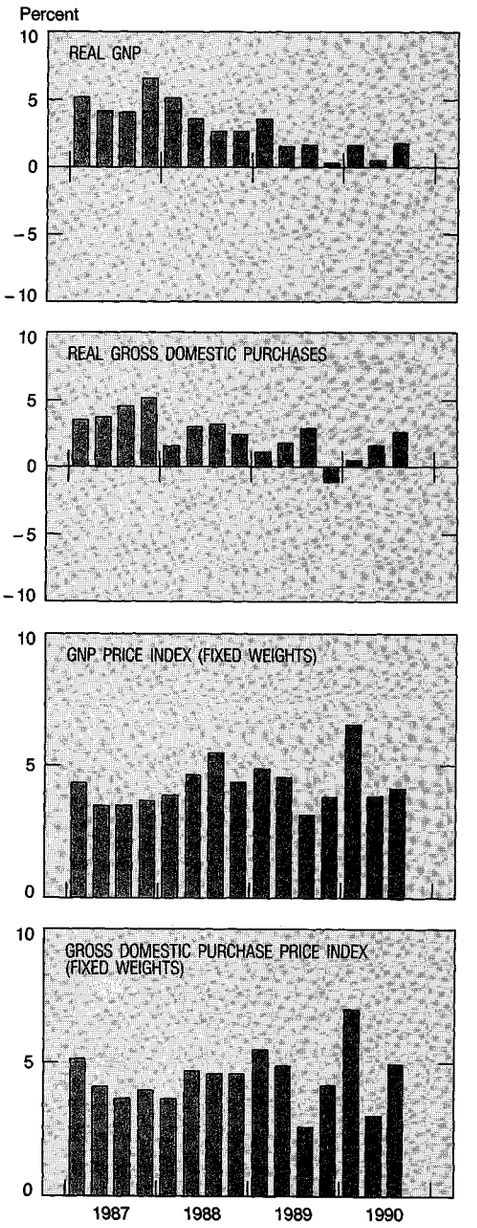
Despite the step-up in GNP, the third quarter was the sixth consecutive quarter in which real GNP grew at a rate of 2 percent or less. In terms of the major components, personal consumption expenditures (PCE) increased considerably more in the third quarter than in the second, and fixed investment increased after declining in the second quarter. Movements in these components were partly offset by a downswing in inventory investment (that is, change in business inventories) and by a slowing in government purchases. Net exports declined about the same amount in the third quarter as in the second. (The components of GNP will be discussed in detail in the November "Business Situation.")

Turmoil in the Middle East and the associated jump in crude oil prices in August and September appear to have had little identifiable effect on third-quarter GNP and final sales of GNP. The advance GNP estimate for the third quarter incorporated monthly source data for all 3 months of the quarter for PCE and producers' durable equipment (see box on page 2). Together, these components account for about three-fourths of final sales. These data do not show a weakening during the quarter.[2]

2. Source data on inventory change in September, which became available after the advance estimate of GNP was released, likewise suggest no weakening. However, September source data on nonresidential structures, which also became available after the advance estimate of GNP was released, do show some slowing.

CHART 1

**Selected Measures: Change From Preceding Quarter**




Note.—Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.

U.S. Department of Commerce, Bureau of Economic Analysis 90-10-1

**BEA Vacancies**

BEA is hiring additional staff—primarily economists and accountants. The positions are in national economic accounting, balance of payments accounting, and international investment surveys. Requests for information, including how to apply for these positions, may be addressed to James J. Hartman, Administrative Officer, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; phone (202) 523–0508.

The small increase ($½ billion) in national defense purchases by the Federal Government is, perhaps, surprising in light of the buildup of U.S. troops in the Middle East. The explanation appears to be threefold. First, most of the compensation paid to U.S. forces in the Middle East would have been paid even if the troops had not been deployed there. *Increases* in compensation—such as hazardous duty pay—associated with the deployment were relatively small. Second, purchases of fuel appear to have been held down by use of fuel from government inventories. Third, some expenditures on other operations may have been reduced to provide funds to finance Middle East operations.

*Motor vehicles.*—Motor vehicle output increased 13½ percent in the third quarter and accounted for about ½ percentage point of GNP growth; motor vehicle output had increased 48½ percent in the second quarter. Real final sales of motor vehicles increased 2 percent in the third quarter after declining 6 percent in the second.

In terms of units (at seasonally adjusted annual rates), domestic car production increased 0.6 million to 7.0 million, the highest level in five quarters. Domestic car sales increased 0.4 million, to 7.2 million. Domestic car inventories increased 0.1 million, to 1.4 million at the end of the third quarter. The inventories-sales ratio in the third quarter was unchanged at 2.3, which is close to the industry target.

Some of the strength in motor vehicle sales and production in the third quarter reflected special developments and, thus, may be short lived. The third-quarter increase in production appears to have been partly due to less "downtime" to retool for model changeover than is usual for a third quarter; less "downtime" was needed because manufacturers had retooled for a number of 1991 models earlier in the year. Current fourth-quarter plans call for a number of plant closings and lower production.

Anecdotal evidence suggests that the third-quarter increase in car sales included a sharp increase in fleet sales to businesses, reflecting more aggressive fleet-marketing programs that may have shifted some new-car purchases scheduled for the fourth quarter into the third. If source data show this to be true, then business purchases of new cars (included in producers' durable equipment) were stronger in the third quarter than the advance estimates indicate, and consumer purchases (included in PCE) were correspondingly weaker. The advance estimates assume that the shares of consumer purchases and business purchases of new cars were about the same as in the second quarter.

Four developments in the third quarter were consistent with a smaller increase in new-car purchases by consumers. First, many of the factors usually associated with consumer spending showed weakness: Real disposable personal income declined, the unemployment rate increased, and consumer confidence (as measured by the Index of Consumer Sentiment prepared by the University of Michigan's Survey Research Center) dropped sharply. Second, many sales-incentive programs offered by manufacturers in the third quarter were only marginally more attractive than those offered in the second. Third, interest rates on new-car loans increased slightly in the

**Table 1—Gross National Product in Constant Dollars**

[Seasonally adjusted at annual rates]

| | Billions of 1982 dollars | | | | | Percent change from preceding quarter | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Level | Change from preceding quarter | | | | 1989 | 1990 | | |
| | 1990:III | 1989 IV | 1990 I | 1990 II | 1990 III | IV | I | II | III |
| **Gross national product** | **4,173.6** | **3.5** | **17.4** | **4.5** | **18.5** | **0.3** | **1.7** | **0.4** | **1.8** |
| Personal consumption expenditures | 2,702.7 | −5.4 | 7.4 | 1.5 | 23.9 | −.8 | 1.1 | .2 | 3.6 |
| Durable goods | 430.0 | −15.0 | 14.5 | −10.8 | 3.2 | −13.0 | 14.4 | −9.5 | 3.0 |
| Nondurable goods | 915.0 | −.4 | −7.4 | −4.4 | 3.8 | −.2 | −3.2 | −1.9 | 1.7 |
| Services | 1357.7 | 10.0 | .4 | 16.6 | 16.9 | 3.1 | .1 | 5.1 | 5.1 |
| Gross private domestic investment | 700.6 | −13.2 | −8.4 | 0 | −.1 | −7.1 | −4.7 | 0 | −.1 |
| Fixed investment | 692.9 | −7.5 | 12.7 | −11.7 | 1.7 | −4.2 | 7.6 | −6.5 | 1.0 |
| Nonresidential | 517.6 | −4.9 | 6.2 | −6.2 | 9.2 | −3.8 | 5.0 | −4.7 | 7.4 |
| Structures | 122.4 | .4 | .7 | −2.9 | 1.5 | 1.3 | 2.3 | −9.0 | 5.1 |
| Producers' durable equipment | 395.2 | −5.2 | 5.4 | −3.3 | 7.7 | −5.2 | 5.7 | −3.3 | 8.2 |
| Residential | 175.3 | −2.6 | 6.5 | −5.5 | −7.5 | −5.5 | 15.1 | −11.2 | −15.4 |
| Change in business inventories | 7.8 | −5.7 | −21.1 | 11.7 | −1.7 | ..... | ..... | ..... | ..... |
| Nonfarm | 8.2 | −6.4 | −23.5 | 19.8 | −3.4 | ..... | ..... | ..... | ..... |
| Farm | −.4 | .7 | 2.4 | −8.1 | 1.7 | ..... | ..... | ..... | ..... |
| Net exports of goods and services | −52.5 | 16.2 | 12.5 | −9.2 | −7.9 | ..... | ..... | ..... | ..... |
| Exports | 622.0 | 19.1 | 16.5 | −8.0 | 1.9 | 13.5 | 11.2 | −5.0 | 1.2 |
| Imports | 674.5 | 2.8 | 4.1 | 1.2 | 9.8 | 1.7 | 2.5 | .7 | 6.0 |
| Government purchases of goods and services | 822.8 | 6.0 | 5.7 | 12.3 | 2.6 | 3.0 | 2.9 | 6.2 | 1.3 |
| Federal | 345.6 | −.3 | .3 | 12.9 | −.3 | −.4 | .4 | 16.4 | −.3 |
| National defense | 256.8 | −4.7 | −1.1 | 2.1 | .3 | −7.0 | −1.7 | 3.3 | .5 |
| Nondefense | 88.8 | 4.4 | 1.4 | 10.8 | −.6 | 26.5 | 7.5 | 67.4 | −2.7 |
| State and local | 477.2 | 6.3 | 5.5 | −.7 | 2.9 | 5.6 | 4.8 | −.6 | 2.5 |
| Addendum: | | | | | | | | | |
| Gross domestic product | 4,147.0 | −.6 | 18.7 | 12.4 | 16.4 | −.1 | 1.8 | 1.2 | 1.6 |

NOTE.—Percent changes are found in table 8.12 of the "Selected NIPA Tables." Dollar levels are found in table 1.2. and 1.8.

NOTE.—Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates. Quarter-to-quarter percent changes are annualized (and those used in the text are rounded to the nearest ½ percent). Real, or constant-dollar, estimates are expressed in 1982 dollars. The advance GNP estimate for the third quarter is based on the following major source data, some of which are subject to revision. (The number of months for which data were available is shown in parentheses.)

*Personal consumption expenditures:* Sales of retail stores (3), and unit auto and truck sales (3);

*Nonresidential fixed investment:* Unit auto and truck sales (3), construction put in place (2), manufacturers' shipments of machinery and equipment (3), and exports and imports of machinery and equipment (2);

*Residential investment:* Construction put in place (2), and housing starts (3);

*Change in business inventories:* Manufacturing and trade inventories (2), and unit auto inventories (3);

*Net exports of goods and services:* Merchandise exports and merchandise imports (2);

*Government purchases of goods and services:* Federal outlays (2), and State and local construction put in place (2);

*GNP prices:* Consumer Price Index (3), Producer Price Index (3), nonpetroleum merchandise export and import price indexes (3), and values and quantities of petroleum imports (2).

third quarter. Fourth, gasoline prices jumped sharply, so the cost of operating a vehicle increased. However, two third-quarter developments that were consistent with a larger increase in new-car purchases by consumers were a decline in new-car prices and announcements by manufacturers of sizable price increases on 1991 models that were to be introduced in late September and early October.

Sales of imported cars fell to 2.5 million in the third quarter—the lowest level in more than 5 years—from 2.7 million in the second.

Domestic truck production was down in the third quarter after increasing in the second. Sales of new trucks totaled 4.8 million in the third quarter, about the same as in the second quarter; sales of light domestic trucks increased slightly, to 4.1 million, and sales of light imported trucks declined slightly, to 0.3 million. Truck inventories declined in the third quarter after increasing in the second.

### *Prices*

Price measures for two BEA aggregates, GNP and gross domestic purchases, show different pictures of inflation in the U.S. economy in the second and third quarters. The GNP price index (fixed weights) increased 4 percent, the same rate as in the second quarter; the price index for gross domestic purchases (fixed weights) increased 5 percent after increasing 3 percent (table 2).

For many applications, the price index for gross domestic purchases is preferable as a measure of U.S. inflation because it measures prices of goods and services *purchased*; the GNP price index measures the prices of goods and services *produced*. (For a discussion of conceptual differences between the two price measures, see the February 1987 "Business Situation.") The differences in the increases in the two measures in the second and third quarters were accounted for by import prices, which dropped 7 percent in the second quarter and jumped 14 percent in the third; export prices increased 3½ percent in each quarter. (Export prices are included in GNP prices but not in gross domestic purchases prices; import prices are subtracted out in deriving GNP prices but not in deriving gross domestic purchases prices.) The sharp changes in import prices were largely traceable to petroleum prices, which surged following the Iraqi invasion of Kuwait in early August.

**Table 2.—Price Indexes (Fixed Weights): Change From Preceding Quarter**

[Percent change at annual rates; based on seasonally adjusted index numbers (1982=100)]

| | 1989 | 1990 | | |
|---|---|---|---|---|
| | IV | I | II | III |
| GNP | 3.8 | 6.6 | 3.9 | 4.1 |
| *Less:* Exports | 0 | 5.0 | 3.4 | 3.4 |
| *Plus:* Imports | 4.0 | 9.2 | –7.0 | 14.1 |
| *Equals:* Gross domestic purchases | 4.2 | 7.0 | 2.9 | 5.0 |
| *Less:* Change in business inventories | | | | |
| *Equals:* Final sales to domestic purchasers | 4.2 | 6.9 | 2.9 | 5.0 |
| Personal consumption expenditures | 4.7 | 7.4 | 3.1 | 5.7 |
| Nonresidential structures | 1.4 | 2.8 | 1.9 | 2.8 |
| Producers' durable equipment | 4.4 | 5.4 | 1.4 | 1.7 |
| Residential investment | .5 | 3.5 | .3 | 2.2 |
| Government purchases | 3.4 | 7.2 | 3.0 | 4.5 |
| Addenda: Categories of gross domestic purchases: | | | | |
| Food [1] | 5.0 | 13.4 | 1.1 | 4.0 |
| Energy [2] | 1.0 | 17.3 | –7.8 | 24.3 |
| Other | 4.3 | 5.4 | 3.9 | 4.1 |

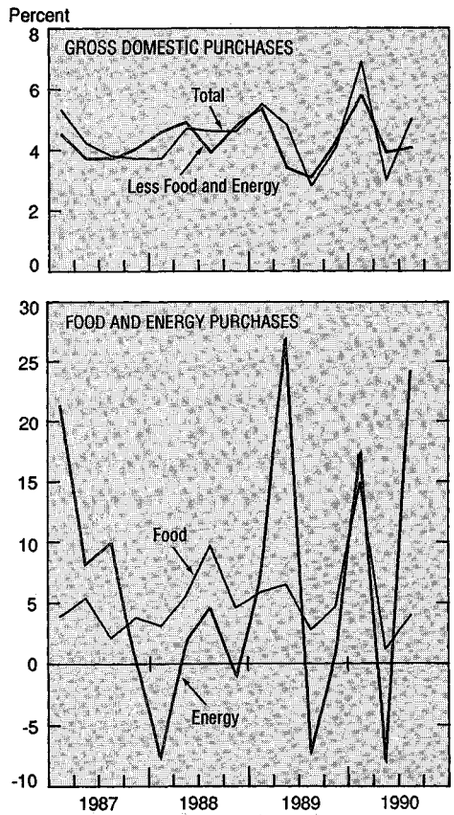
1. Consists of all components of gross domestic purchases for which separate estimates are prepared. The major component that is not included is purchases of food by the Federal Government other than transactions by the Commodity Credit Corporation.

2. Consists of all components of gross domestic purchases for which separate estimates are prepared. The major components that are not included are the gasoline and motor oil portions of inventories held by gasoline service stations and the energy portions of inventories held by businesses that do not produce energy for sale.

NOTE.—Percent changes in major aggregates are found in table 8.1 of the "Selected NIPA Tables." Most index number levels are found in tables 7.1 and 7.3.

CHART 2

**Gross Domestic Purchases Prices (Fixed Weights): Change From Preceding Quarter**




Note—Percent change at an annual rate from preceding quarter based on seasonally adjusted index numbers (1982 = 100).

U.S. Department of Commerce, Bureau of Economic Analysis 90-10-2

The third-quarter acceleration in gross domestic purchases prices was largely attributable to a sharp upswing in energy prices (chart 2). Energy prices increased 24½ percent after an 8-percent decline in the second quarter. Food prices also picked up, increasing 4 percent after increasing 1 percent. Prices of gross domestic purchases less food and energy—which may be viewed as a measure of underlying inflation in the U.S. economy—increased 4 percent in the second and third quarters, a rate that was somewhat less than the rate in the first quarter and about the same as the average increase in 1989.

Among major components, PCE prices increased 5½ percent in the third quarter after increasing 3 percent in the second. The acceleration was largely attributable to the sharp upswing in energy prices. Prices of gasoline and oil and of fuel oil and coal both increased substantially after declining; in contrast, prices of electricity and gas declined somewhat more than in the second quarter. PCE food prices picked up; prices of dairy products and of fresh vegetables increased after declining in the second quarter, and prices of fresh fruits declined less in the third quarter than in the second. Other PCE prices increased 5 percent, slightly more than in the second quarter; motor vehicle prices changed little after a decline, and housing costs increased nearly twice as much as in the second quarter.

Prices of both fixed investment and government purchases increased more in the third quarter than in the second. The pickup in fixed investment prices, from 1½ percent to 2 percent, was widespread. The pickup in prices paid by government, from 3 percent to 4½ percent, was also widespread; in particular, increases in prices of State and local government purchases of goods and structures accelerated.

### *Personal income*

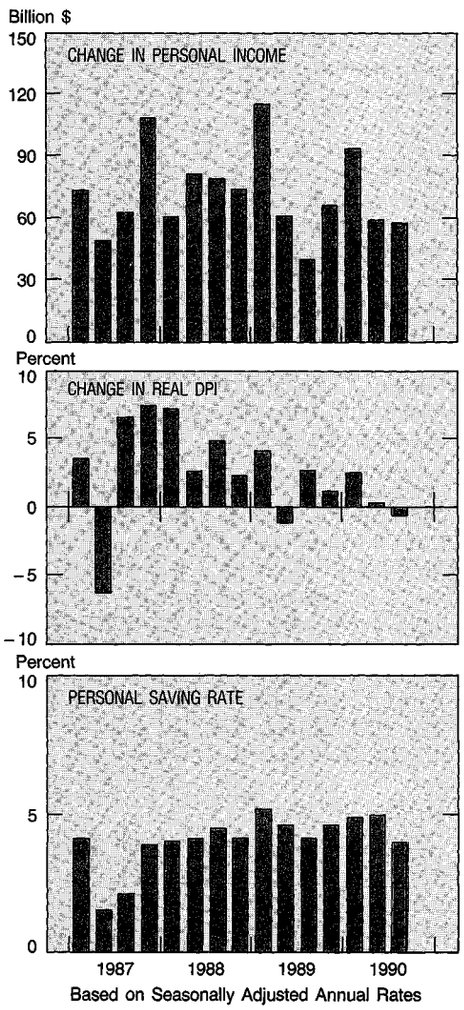
Real disposable personal income (DPI) declined ½ percent in the third quarter after increasing ½ percent in the second, and the personal saving rate declined 1.0 percentage point to 4.0 percent (chart 3). The downswing in real DPI reflected the acceleration

in PCE prices just discussed. Current-dollar disposable personal income increased more in the third quarter than in the second, as personal tax and nontax payments slowed more than personal income.

Among the (current-dollar) components of personal income, wage and salary disbursements were up $37 billion in the third quarter, $7½ billion less than in the second (table 3). The slowdown in private wages and salaries was in the manufacturing, where employment declined more than in the second quarter, and in the distributive industries, where average weekly hours declined in the third quarter after increasing in the second. Government wages and salaries also increased less than in the second quarter.

CHART 3

## Selected Personal Income and Saving Measures




Note.—Changes are from preceding quarter.
U.S. Department of Commerce, Bureau of Economic Analysis 90-10-3

Farm proprietors' income declined $8 billion in the third quarter after declining $6½ billion in the second. Federal agricultural subsidy payments to farmers declined $6½ billion in the third quarter after declining $5 billion in the second. The declines in subsidies mainly reflected declines in deficiency payments—payments made because the market price of a crop is, or is projected to be, below the Federal target price—and in disaster relief payments. Farm income excluding subsidies declined $2 billion in the third quarter after declining $1½ billion in the second. The third-quarter decline largely reflected farmer transactions under the Commodity Credit Corporation commodity loan program; the second-quarter decline reflected lower market prices. Nonfarm proprietors' income increased $4½ billion, about the same as in the second quarter.

Rental income increased $3½ billion in the third quarter after declining $1 billion in the second. The increase largely reflected increases in housing output associated with higher rents and in royalty income associated with higher oil prices.

Transfer payments increased more than in the second quarter, and increases in other labor income, personal dividend income, and personal interest income were similar to increases in the second quarter. Personal contributions for social insurance, which are subtracted in deriving the personal income total, registered a larger increase than in the second quarter. Contributions were reduced in the second quarter as a result of the repeal of the major provisions of the Medicare Catastrophic Act of 1988.

Personal tax and nontax payments increased $12½ billion in the third quarter after increasing $21½ billion in the second. The second-quarter increase had included large payments of estate and gift taxes.

Disposable personal income increased 4½ percent in the third quarter, a little more than in the second. Personal outlays (largely PCE) were up substantially more than disposable personal income in the third quarter; thus, personal saving fell $35½ billion. The resulting 1.0-percentage-point drop in the personal saving rate followed three consecutive quarterly increases.

**Table 3.—Personal Income and Its Disposition**

[Billions of dollars; seasonally adjusted at annual rates]

| | Level | Change from preceding quarter | | | |
|---|---|---|---|---|---|
| | | 1989 | 1990 | | |
| | 1990:III | IV | I | II | III |
| Wage and salary disbursements | 2,733.3 | 26.1 | 38.9 | 44.7 | 37.0 |
| Commodity-producing industries | 735.1 | –.8 | 3.2 | 6.5 | 4.0 |
| Manufacturing | 551.2 | –2.3 | .3 | 6.9 | 3.1 |
| Other | 183.9 | 1.4 | 2.9 | –.4 | .9 |
| Distributive industries | 642.4 | 7.5 | 12.4 | 10.3 | 5.1 |
| Service industries | 844.6 | 12.6 | 12.9 | 19.3 | 22.4 |
| Government and government enterprises | 511.3 | 6.8 | 10.4 | 8.6 | 5.6 |
| Other labor income | 260.0 | 4.0 | 5.3 | 3.6 | 3.6 |
| Proprietors' income | 398.0 | 13.6 | 22.3 | –2.3 | –3.7 |
| Farm | 42.8 | 7.0 | 11.7 | –6.4 | –8.2 |
| Nonfarm | 355.2 | 6.5 | 10.6 | 4.2 | 4.4 |
| Rental income of persons | 7.6 | –1.7 | 1.4 | –1.2 | 3.3 |
| Personal dividend income | 124.9 | 2.5 | 2.3 | 2.4 | 2.0 |
| Personal interest income | 686.4 | 9.7 | 5.6 | 7.5 | 8.4 |
| Transfer payments | 696.0 | 14.1 | 25.0 | 5.8 | 9.3 |
| *Less:* Personal contributions for social insurance | 228.6 | 1.8 | 7.1 | 1.2 | 4.5 |
| **Personal income** | **4,677.7** | **66.4** | **93.6** | **59.4** | **55.5** |
| *Less:* Personal tax and nontax payments | 709.0 | 10.1 | 5.5 | 21.4 | 12.5 |
| ***Equals:* Disposable personal income** | **3,968.6** | **56.2** | **88.1** | **38.0** | **42.9** |
| *Less:* Personal outlays | 3,809.2 | 36.7 | 70.9 | 34.2 | 78.6 |
| ***Equals:* Personal saving** | **159.4** | **19.6** | **17.2** | **3.8** | **–35.7** |
| **Addenda: Special factors in personal income:** | | | | | |
| In wages and salaries: | | | | | |
| Federal Government and Postal Service pay adjustments | | .2 | 4.2 | .5 | .4 |
| In farm proprietors' income: | | | | | |
| Agricultural subsidy payments | | 5.8 | 2.9 | –5.1 | –6.3 |
| In transfer payments: | | | | | |
| Social security retroactive payments | | .7 | –.9 | .4 | –.4 |
| Cost-of-living increases in Federal transfer payments | | | 14.7 | | |
| In personal contributions for social insurance: | | | | | |
| Social security rate and base changes and increase in premium for supplementary medical insurance | | | 5.8 | | |
| Medicare insurance premiums | | | –2.1 | –1.6 | 3.7 |

NOTE.—Most dollar levels are found in table 2.1 of the "Selected NIPA Tables."

# NATIONAL INCOME AND PRODUCT ACCOUNTS

## Selected NIPA Tables

New estimates in this issue: Third quarter 1990, advance.

The selected set of 54 national income and product accounts (NIPA) tables shown in this section presents quarterly estimates, which are updated monthly. (In most of these tables, annual estimates are also shown.) The full set of 132 tables usually shown in July presents annual NIPA revisions. For more information on the presentation of the estimates, see "National Income and Product Accounts Estimates: When They are Released, Where They Are Available, and How They Are Presented" in the July 1988 SURVEY.

The tables shown are available the day of the GNP news release on printouts and diskettes on a subscription basis or from the Commerce Department's Economic Bulletin Board. Estimates for 1986–89 are in the July 1990 issue of the SURVEY; estimates for 1985 are in the July 1988 issue; estimates for 1984 are in the July 1987 issue; estimates for 1983 are in the July 1986 issue. Estimates for 1929–82 are in *National Income and Product Accounts, 1929–82: Statistical Tables*. For more information, write to National Income and Wealth Division (BE-54), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

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

### Table 1.1.—Gross National Product

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,873.7** | **5,200.8** | **5,174.0** | **5,238.6** | **5,289.3** | **5,375.4** | **5,443.3** | **5,514.4** |
| **Personal consumption expenditures [1]** | **3,238.2** | **3,450.1** | **3,425.9** | **3,484.3** | **3,518.5** | **3,588.1** | **3,622.7** | **3,700.6** |
| Durable goods | 457.5 | 474.6 | 473.6 | 487.1 | 471.2 | 492.1 | 478.4 | 483.1 |
| Nondurable goods | 1,060.0 | 1,130.0 | 1,127.1 | 1,137.3 | 1,148.8 | 1,174.7 | 1,179.0 | 1,202.8 |
| Services [1] | 1,720.7 | 1,845.5 | 1,825.1 | 1,859.8 | 1,898.5 | 1,921.3 | 1,965.3 | 2,014.7 |
| **Gross private domestic investment** | **747.1** | **771.2** | **776.7** | **775.8** | **762.7** | **747.2** | **759.0** | **759.6** |
| Fixed investment | 720.8 | 742.9 | 744.0 | 746.9 | 737.7 | 758.9 | 745.6 | 750.9 |
| Nonresidential | 488.4 | 511.9 | 511.4 | 518.1 | 511.8 | 523.1 | 516.5 | 530.1 |
| Structures | 139.9 | 146.2 | 144.2 | 147.0 | 147.1 | 148.8 | 147.2 | 150.2 |
| Producers' durable equipment | 348.4 | 365.7 | 367.2 | 371.0 | 364.7 | 374.3 | 369.3 | 379.9 |
| Residential | 232.5 | 231.0 | 232.7 | 228.9 | 225.9 | 235.9 | 229.1 | 220.8 |
| Change in business inventories | 26.2 | 28.3 | 32.7 | 28.9 | 25.0 | −11.8 | 13.4 | 8.8 |
| Nonfarm | 29.8 | 23.3 | 26.1 | 26.2 | 24.1 | −17.0 | 13.0 | 7.8 |
| Farm | −3.6 | 5.0 | 6.6 | 2.6 | .9 | 5.3 | .5 | 1.0 |
| **Net exports of goods and services [1]** | **−74.1** | **−46.1** | **−51.3** | **−49.3** | **−35.3** | **−30.0** | **−24.9** | **−49.2** |
| Exports [1] | 552.0 | 626.2 | 628.8 | 623.7 | 642.8 | 661.3 | 659.7 | 662.6 |
| Imports [1] | 626.1 | 672.3 | 680.0 | 673.0 | 678.1 | 691.3 | 684.6 | 711.8 |
| **Government purchases of goods and services** | **962.5** | **1,025.6** | **1,022.7** | **1,027.8** | **1,043.3** | **1,070.1** | **1,086.4** | **1,103.4** |
| Federal | 380.3 | 400.0 | 402.5 | 399.2 | 399.9 | 410.6 | 421.9 | 425.4 |
| National defense | 297.2 | 301.1 | 300.6 | 306.3 | 299.2 | 307.2 | 309.6 | 311.1 |
| Nondefense | 83.1 | 98.9 | 101.9 | 93.0 | 100.7 | 103.4 | 112.3 | 114.3 |
| State and local | 582.3 | 625.6 | 620.2 | 628.6 | 643.4 | 659.6 | 664.6 | 678.0 |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.

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

### Table 1.2.—Gross National Product in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,016.9** | **4,117.7** | **4,112.2** | **4,129.7** | **4,133.2** | **4,150.6** | **4,155.1** | **4,173.6** |
| **Personal consumption expenditures [1]** | **2,606.5** | **2,656.8** | **2,645.3** | **2,675.3** | **2,669.9** | **2,677.3** | **2,678.8** | **2,702.7** |
| Durable goods | 418.2 | 428.0 | 428.2 | 438.1 | 423.1 | 437.6 | 426.8 | 430.0 |
| Nondurable goods | 909.4 | 919.9 | 914.6 | 923.4 | 923.0 | 915.6 | 911.2 | 915.0 |
| Services [1] | 1,278.9 | 1,309.0 | 1,302.5 | 1,313.8 | 1,323.8 | 1,324.2 | 1,340.8 | 1,357.7 |
| **Gross private domestic investment** | **705.7** | **716.9** | **719.1** | **722.3** | **709.1** | **700.7** | **700.7** | **700.6** |
| Fixed investment | 682.1 | 693.1 | 693.6 | 697.7 | 690.2 | 702.9 | 691.2 | 692.9 |
| Nonresidential | 487.2 | 506.1 | 505.5 | 513.3 | 508.4 | 514.6 | 508.4 | 517.6 |
| Structures | 122.4 | 122.4 | 120.6 | 122.7 | 123.1 | 123.8 | 120.9 | 122.4 |
| Producers' durable equipment | 364.8 | 383.7 | 384.9 | 390.6 | 385.4 | 390.8 | 387.5 | 395.2 |
| Residential | 194.9 | 187.0 | 188.1 | 184.4 | 181.8 | 188.3 | 182.8 | 175.3 |
| Change in business inventories | 23.6 | 23.8 | 25.5 | 24.6 | 18.9 | −2.2 | 9.5 | 7.8 |
| Nonfarm | 26.5 | 18.7 | 21.5 | 21.7 | 15.3 | −8.2 | 11.6 | 8.2 |
| Farm | −2.9 | 5.0 | 4.0 | 2.9 | 3.6 | 6.0 | −2.1 | −.4 |
| **Net exports of goods and services [1]** | **−75.9** | **−54.1** | **−53.3** | **−64.1** | **−47.9** | **−35.4** | **−44.6** | **−52.5** |
| Exports [1] | 534.7 | 593.3 | 593.2 | 592.5 | 611.6 | 628.1 | 620.1 | 622.0 |
| Imports [1] | 610.6 | 647.4 | 646.5 | 656.6 | 659.4 | 663.5 | 664.7 | 674.5 |
| **Government purchases of goods and services** | **780.5** | **798.1** | **801.0** | **796.2** | **802.2** | **807.9** | **820.2** | **822.8** |
| Federal | 328.1 | 334.9 | 339.9 | 333.0 | 332.7 | 333.0 | 345.9 | 345.6 |
| National defense | 260.7 | 256.3 | 255.7 | 260.2 | 255.5 | 254.4 | 256.5 | 256.8 |
| Nondefense | 67.5 | 78.7 | 84.2 | 72.8 | 77.2 | 78.6 | 89.4 | 88.8 |
| State and local | 452.4 | 463.2 | 461.1 | 463.2 | 469.5 | 475.0 | 474.3 | 477.2 |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.

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

### Table 1.3.—Gross National Product by Major Type of Product

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,873.7** | **5,200.8** | **5,174.0** | **5,238.6** | **5,289.3** | **5,375.4** | **5,443.3** | **5,514.4** |
| Final sales | 4,847.5 | 5,172.5 | 5,141.3 | 5,209.7 | 5,264.3 | 5,387.2 | 5,429.9 | 5,505.6 |
| Change in business inventories | 26.2 | 28.3 | 32.7 | 28.9 | 25.0 | −11.8 | 13.4 | 8.8 |
| **Goods** | **1,935.1** | **2,072.7** | **2,079.4** | **2,090.2** | **2,085.9** | **2,111.0** | **2,146.6** | **2,160.8** |
| Final sales | 1,908.9 | 2,044.4 | 2,046.8 | 2,061.3 | 2,060.9 | 2,122.8 | 2,133.1 | 2,152.0 |
| Change in business inventories | 26.2 | 28.3 | 32.7 | 28.9 | 25.0 | −11.8 | 13.4 | 8.8 |
| Durable goods | 860.2 | 906.6 | 904.6 | 922.1 | 907.4 | 919.9 | 930.1 | 941.6 |
| Final sales | 840.3 | 894.7 | 896.2 | 915.4 | 894.2 | 941.4 | 930.1 | 934.7 |
| Change in business inventories | 19.9 | 11.9 | 8.4 | 6.6 | 13.2 | −21.6 | 0 | 6.9 |
| Nondurable goods | 1,074.9 | 1,166.0 | 1,174.9 | 1,168.1 | 1,178.6 | 1,191.2 | 1,216.4 | 1,219.2 |
| Final sales | 1,068.6 | 1,149.6 | 1,150.5 | 1,145.9 | 1,166.7 | 1,181.4 | 1,203.0 | 1,217.3 |
| Change in business inventories | 6.4 | 16.4 | 24.3 | 22.2 | 11.9 | 9.8 | 13.4 | 1.9 |
| **Services** | **2,488.6** | **2,671.2** | **2,639.2** | **2,693.3** | **2,747.5** | **2,791.3** | **2,834.2** | **2,894.4** |
| **Structures** | **450.0** | **456.9** | **455.3** | **455.0** | **455.9** | **473.0** | **462.5** | **459.2** |

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

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

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,016.9** | **4,117.7** | **4,112.2** | **4,129.7** | **4,133.2** | **4,150.6** | **4,155.1** | **4,173.6** |
| Final sales | 3,993.2 | 4,094.0 | 4,086.6 | 4,105.1 | 4,114.4 | 4,152.8 | 4,145.6 | 4,165.8 |
| Change in business inventories | 23.6 | 23.8 | 25.5 | 24.6 | 18.9 | −2.2 | 9.5 | 7.8 |
| **Goods** | **1,765.2** | **1,829.5** | **1,838.5** | **1,836.5** | **1,823.1** | **1,825.4** | **1,831.3** | **1,835.6** |
| Final sales | 1,741.6 | 1,805.7 | 1,813.0 | 1,811.9 | 1,804.3 | 1,827.6 | 1,821.8 | 1,827.8 |
| Change in business inventories | 23.6 | 23.8 | 25.5 | 24.6 | 18.9 | −2.2 | 9.5 | 7.8 |
| Durable goods | 874.5 | 907.5 | 908.7 | 919.5 | 904.4 | 914.3 | 919.1 | 928.7 |
| Final sales | 856.7 | 897.7 | 901.6 | 914.1 | 894.2 | 932.1 | 919.5 | 922.6 |
| Change in business inventories | 17.8 | 9.8 | 7.2 | 5.4 | 10.2 | −17.7 | −.3 | 6.0 |
| Nondurable goods | 890.8 | 922.0 | 929.8 | 917.0 | 918.7 | 911.0 | 912.2 | 906.9 |
| Final sales | 884.9 | 908.0 | 911.4 | 897.7 | 910.1 | 895.5 | 902.4 | 905.2 |
| Change in business inventories | 5.8 | 13.9 | 18.4 | 19.2 | 8.6 | 15.5 | 9.8 | 1.8 |
| **Services** | **1,870.5** | **1,915.6** | **1,902.5** | **1,923.5** | **1,939.7** | **1,943.7** | **1,952.5** | **1,971.6** |
| **Structures** | **381.1** | **372.7** | **371.1** | **369.8** | **370.4** | **381.5** | **371.2** | **366.4** |

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

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

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,873.7** | **5,200.8** | **5,174.0** | **5,238.6** | **5,289.3** | **5,375.4** | **5,443.3** | **5,514.4** |
| Less: Exports of goods and services | 552.0 | 626.2 | 628.8 | 623.7 | 642.8 | 661.3 | 659.7 | 662.6 |
| Plus: Imports of goods and services | 626.1 | 672.3 | 680.0 | 673.0 | 678.1 | 691.3 | 684.6 | 711.8 |
| **Equals: Gross domestic purchases [2]** | **4,947.8** | **5,246.9** | **5,225.3** | **5,287.9** | **5,324.6** | **5,405.3** | **5,468.2** | **5,563.7** |
| Less: Change in business inventories | 26.2 | 28.3 | 32.7 | 28.9 | 25.0 | −11.8 | 13.4 | 8.8 |
| **Equals: Final sales to domestic purchasers [3]** | **4,921.6** | **5,218.6** | **5,192.6** | **5,259.0** | **5,299.6** | **5,417.1** | **5,454.7** | **5,554.9** |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
2. Purchases in the United States of goods and services wherever produced.
3. Final sales in the United States 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 1.6.—Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers in Constant Dollars**

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,016.9** | **4,117.7** | **4,112.2** | **4,129.7** | **4,133.2** | **4,150.6** | **4,155.1** | **4,173.6** |
| Less: Exports of goods and services | 534.7 | 593.3 | 593.2 | 592.5 | 611.6 | 628.1 | 620.1 | 622.0 |
| Plus: Imports of goods and services | 610.6 | 647.4 | 646.5 | 656.6 | 659.4 | 663.5 | 664.7 | 674.5 |
| **Equals: Gross domestic purchases [2]** | **4,092.8** | **4,171.8** | **4,165.4** | **4,193.9** | **4,181.1** | **4,185.9** | **4,199.7** | **4,226.1** |
| Less: Change in business inventories | 23.6 | 23.8 | 25.5 | 24.6 | 18.9 | −2.2 | 9.5 | 7.8 |
| **Equals: Final sales to domestic purchasers [3]** | **4,069.1** | **4,148.1** | **4,139.9** | **4,169.3** | **4,162.2** | **4,188.1** | **4,190.1** | **4,218.3** |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
2. Purchases in the United States of goods and services wherever produced.
3. Final sales in the United States 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 National Product by Sector**

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,873.7** | **5,200.8** | **5,174.0** | **5,238.6** | **5,289.3** | **5,375.4** | **5,443.3** | **5,514.4** |
| **Gross domestic product** | **4,840.2** | **5,163.2** | **5,141.4** | **5,201.4** | **5,246.5** | **5,333.8** | **5,411.7** | **5,479.6** |
| Business | 4,147.8 | 4,418.1 | 4,402.8 | 4,449.8 | 4,483.1 | 4,551.8 | 4,613.5 | 4,667.4 |
| Nonfarm | 4,095.3 | 4,346.6 | 4,334.7 | 4,379.4 | 4,399.5 | 4,455.8 | 4,522.1 | 4,577.1 |
| Nonfarm less housing | 3,695.3 | 3,915.3 | 3,910.4 | 3,939.4 | 3,955.8 | 4,007.6 | 4,067.5 | 4,112.6 |
| Housing | 400.0 | 431.2 | 424.2 | 440.1 | 443.7 | 448.1 | 454.7 | 464.4 |
| Farm | 80.7 | 88.6 | 88.4 | 86.7 | 86.7 | 95.3 | 94.6 | 93.5 |
| Statistical discrepancy | −28.2 | −17.0 | −20.3 | −16.2 | −3.0 | .7 | −3.2 | −3.2 |
| Households and institutions | 187.3 | 203.6 | 200.8 | 206.5 | 210.3 | 215.0 | 221.4 | 229.4 |
| Private households | 9.7 | 10.3 | 10.2 | 10.3 | 10.4 | 10.5 | 10.8 | 10.9 |
| Nonprofit institutions | 177.6 | 193.3 | 190.6 | 196.2 | 199.9 | 204.5 | 210.6 | 218.5 |
| Government | 505.1 | 541.6 | 537.8 | 545.1 | 553.0 | 567.0 | 576.7 | 582.9 |
| Federal | 159.3 | 168.6 | 168.2 | 168.7 | 169.7 | 176.6 | 179.2 | 178.4 |
| State and local | 345.8 | 373.0 | 369.6 | 376.4 | 383.3 | 390.4 | 397.5 | 404.5 |
| **Rest of the world** | **33.5** | **37.6** | **32.6** | **37.2** | **42.8** | **41.6** | **31.6** | **34.8** |
| **Addendum:** | | | | | | | | |
| Gross domestic business product less housing | 3,739.5 | 3,978.4 | | | | | | |

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

**Table 1.8.—Gross National Product by Sector in Constant Dollars**

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **4,016.9** | **4,117.7** | **4,112.2** | **4,129.7** | **4,133.2** | **4,150.6** | **4,155.1** | **4,173.6** |
| **Gross domestic product** | **3,988.6** | **4,087.6** | **4,085.8** | **4,100.1** | **4,099.5** | **4,118.2** | **4,130.6** | **4,147.0** |
| Business | 3,473.9 | 3,557.9 | 3,557.9 | 3,567.9 | 3,564.4 | 3,580.0 | 3,587.2 | 3,600.2 |
| Nonfarm | 3,422.2 | 3,492.9 | 3,496.4 | 3,503.5 | 3,487.5 | 3,500.3 | 3,510.3 | 3,523.0 |
| Nonfarm less housing | 3,133.0 | 3,196.0 | 3,200.5 | 3,205.3 | 3,187.8 | 3,199.1 | 3,208.4 | 3,220.5 |
| Housing | 289.2 | 296.9 | 296.0 | 298.2 | 299.7 | 301.2 | 301.8 | 302.4 |
| Farm | 75.3 | 78.8 | 77.9 | 77.4 | 79.3 | 79.1 | 79.4 | 79.7 |
| Statistical discrepancy | −23.6 | −13.8 | −16.4 | −13.0 | −2.4 | .6 | −2.5 | −2.5 |
| Households and institutions | 137.5 | 146.2 | 145.2 | 148.0 | 149.2 | 150.8 | 153.6 | 156.7 |
| Private households | 9.2 | 9.5 | 9.5 | 9.6 | 9.7 | 9.7 | 9.8 | 9.8 |
| Nonprofit institutions | 128.3 | 136.6 | 135.7 | 138.4 | 139.6 | 141.2 | 143.7 | 147.0 |
| Government | 377.2 | 383.5 | 382.7 | 384.2 | 385.9 | 387.4 | 389.9 | 390.1 |
| Federal | 126.1 | 126.5 | 126.4 | 126.5 | 126.8 | 127.0 | 128.2 | 127.4 |
| State and local | 251.1 | 257.0 | 256.3 | 257.7 | 259.2 | 260.4 | 261.7 | 262.7 |
| **Rest of the world** | **28.3** | **30.2** | **26.4** | **29.6** | **33.7** | **32.4** | **24.5** | **26.6** |
| **Addendum:** | | | | | | | | |
| Gross domestic business product less housing | 3,176.2 | 3,252.6 | | | | | | |

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

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

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | 4,873.7 | 5,200.8 | 5,174.0 | 5,238.6 | 5,289.3 | 5,375.4 | 5,443.3 | 5,514.4 |
| Less: Capital consumption allowances with capital consumption adjustment | 514.3 | 554.4 | 543.0 | 567.5 | 572.5 | 567.0 | 571.1 | 578.7 |
| Capital consumption allowances without capital consumption adjustment | 535.1 | 541.9 | 539.0 | 544.6 | 544.3 | 538.6 | 539.3 | 540.7 |
| Less: Capital consumption adjustment | 20.8 | −12.6 | −3.9 | −22.9 | −28.2 | −28.4 | −31.8 | −38.0 |
| **Equals: Net national product** | 4,359.4 | 4,646.4 | 4,631.1 | 4,671.1 | 4,716.8 | 4,808.4 | 4,872.2 | 4,935.7 |
| Less: Indirect business tax and nontax liability | 388.7 | 414.0 | 411.1 | 419.9 | 421.5 | 431.7 | 433.0 | 444.7 |
| Business transfer payments | 30.3 | 32.4 | 32.1 | 32.7 | 33.4 | 34.1 | 34.7 | 35.4 |
| Statistical discrepancy | −28.2 | −17.0 | −20.3 | −16.2 | −3.0 | .7 | −3.2 | ..... |
| Plus: Subsidies less current surplus of government enterprises | 16.2 | 6.3 | 8.5 | −2.6 | 2.2 | 8.4 | 3.6 | −7.5 |
| **Equals: National income** | 3,984.9 | 4,223.3 | 4,216.8 | 4,232.1 | 4,267.1 | 4,350.3 | 4,411.3 | ..... |
| Less: Corporate profits with inventory valuation and capital consumption adjustments | 337.6 | 311.6 | 321.4 | 306.7 | 290.9 | 296.8 | 306.6 | ..... |
| Net interest | 371.8 | 445.1 | 443.4 | 456.2 | 461.7 | 463.6 | 466.2 | 468.9 |
| Contributions for social insurance | 442.6 | 476.8 | 474.6 | 479.1 | 484.2 | 498.9 | 503.9 | 511.3 |
| Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plus: Government transfer payments to persons | 557.4 | 604.5 | 598.1 | 609.1 | 622.5 | 646.8 | 652.0 | 660.7 |
| Personal interest income | 547.9 | 643.2 | 642.1 | 655.2 | 664.9 | 670.5 | 678.0 | 686.4 |
| Personal dividend income | 102.2 | 114.4 | 113.2 | 115.7 | 118.2 | 120.5 | 122.9 | 124.9 |
| Business transfer payments | 30.3 | 32.4 | 32.1 | 32.7 | 33.4 | 34.1 | 34.7 | 35.4 |
| **Equals: Personal income** | 4,070.8 | 4,384.3 | 4,362.9 | 4,402.8 | 4,469.2 | 4,562.8 | 4,622.2 | 4,677.7 |

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

[Billions of 1982 dollars]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Gross national product** | 4,016.9 | 4,117.7 | 4,112.2 | 4,129.7 | 4,133.2 | 4,150.6 | 4,155.1 | 4,173.6 |
| Less: Capital consumption allowances with capital consumption adjustment | 479.7 | 506.0 | 496.9 | 515.6 | 519.8 | 512.5 | 516.5 | 522.5 |
| **Equals: Net national product** | 3,537.2 | 3,611.7 | 3,615.3 | 3,614.2 | 3,613.4 | 3,638.0 | 3,638.6 | 3,651.1 |
| Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises | 327.9 | 333.4 | 331.2 | 334.8 | 335.9 | 334.3 | 332.5 | 336.5 |
| Statistical discrepancy | −23.6 | −13.8 | −16.4 | −13.0 | −2.4 | .6 | −2.5 | ..... |
| **Equals: National income** | 3,232.9 | 3,292.1 | 3,300.5 | 3,292.4 | 3,280.0 | 3,303.2 | 3,308.6 | ..... |

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

[Billions of 1982 dollars]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Gross national product** | 4,016.9 | 4,117.7 | 4,112.2 | 4,129.7 | 4,133.2 | 4,150.6 | 4,155.1 | 4,173.6 |
| Less: Net exports of goods and services | −75.9 | −54.1 | −53.3 | −64.1 | −47.9 | −35.4 | −44.6 | −52.5 |
| Exports | 534.7 | 593.3 | 593.2 | 592.5 | 611.6 | 628.1 | 620.1 | 622.0 |
| Imports | 610.6 | 647.4 | 646.5 | 656.6 | 659.4 | 663.5 | 664.7 | 674.5 |
| **Equals: Gross domestic purchases** | 4,092.8 | 4,171.8 | 4,165.4 | 4,193.9 | 4,181.1 | 4,185.9 | 4,199.7 | 4,226.1 |
| Plus: Command-basis net exports of goods and services | −72.3 | −44.4 | −48.7 | −48.1 | −34.3 | −28.8 | −24.2 | −46.7 |
| Command-basis exports [1] | 538.3 | 603.1 | 597.7 | 608.5 | 625.1 | 634.7 | 640.5 | 627.8 |
| Imports | 610.6 | 647.4 | 646.5 | 656.6 | 659.4 | 663.5 | 664.7 | 674.5 |
| **Equals: Command-basis gross national product** | 4,020.5 | 4,127.4 | 4,116.7 | 4,145.8 | 4,146.8 | 4,157.2 | 4,175.5 | 4,179.4 |
| **Addendum:** | | | | | | | | |
| Terms of trade [2] | 100.7 | 101.6 | 100.8 | 102.7 | 102.2 | 101.1 | 103.3 | 100.9 |

1. Exports of goods and services deflated by the implicit price deflator for imports of goods and services.
2. Ratio of the implicit price deflator for exports of goods and services to the implicit price deflator for imports of goods and services 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]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **National income** | 3,984.9 | 4,223.3 | 4,216.8 | 4,232.1 | 4,267.1 | 4,350.3 | 4,411.3 | ..... |
| **Compensation of employees** | 2,905.1 | 3,079.0 | 3,062.6 | 3,095.2 | 3,128.6 | 3,180.4 | 3,232.5 | 3,276.1 |
| Wages and salaries | 2,431.1 | 2,573.2 | 2,560.0 | 2,586.6 | 2,612.7 | 2,651.6 | 2,696.3 | 2,733.3 |
| Government and government enterprises | 446.6 | 476.6 | 473.2 | 479.9 | 486.7 | 497.1 | 505.7 | 511.3 |
| Other | 1,984.5 | 2,096.6 | 2,086.9 | 2,106.7 | 2,126.0 | 2,154.5 | 2,190.6 | 2,222.0 |
| Supplements to wages and salaries | 474.0 | 505.8 | 502.6 | 508.6 | 515.9 | 528.8 | 536.1 | 542.8 |
| Employer contributions for social insurance | 248.5 | 263.9 | 262.6 | 265.1 | 268.4 | 276.0 | 279.7 | 282.7 |
| Other labor income | 225.5 | 241.9 | 239.9 | 243.5 | 247.5 | 252.8 | 256.4 | 260.0 |
| **Proprietors' income with inventory valuation and capital consumption adjustments** | 354.2 | 379.3 | 379.6 | 368.1 | 381.7 | 404.0 | 401.7 | 398.0 |
| Farm | 43.7 | 48.6 | 50.5 | 38.7 | 45.7 | 57.4 | 51.0 | 42.8 |
| Proprietors' income with inventory valuation adjustment | 51.2 | 56.3 | 58.1 | 46.7 | 53.4 | 65.1 | 58.5 | 50.4 |
| Capital consumption adjustment | −7.5 | −7.7 | −7.6 | −8.0 | −7.7 | −7.7 | −7.6 | −7.5 |
| Nonfarm | 310.5 | 330.7 | 329.1 | 329.5 | 336.0 | 346.6 | 350.8 | 355.2 |
| Proprietors' income | 274.7 | 298.9 | 296.1 | 298.9 | 306.7 | 317.1 | 320.7 | 328.7 |
| Inventory valuation adjustment | −1.4 | −1.0 | −.5 | −1.3 | −1.1 | −.9 | −.2 | −3.4 |
| Capital consumption adjustment | 37.2 | 32.8 | 33.6 | 31.9 | 30.4 | 30.3 | 30.2 | 29.8 |
| **Rental income of persons with capital consumption adjustment** | 16.3 | 8.2 | 9.7 | 5.8 | 4.1 | 5.5 | 4.3 | 7.6 |
| Rental income of persons | 66.1 | 64.1 | 62.3 | 66.6 | 63.0 | 60.2 | 58.8 | 62.5 |
| Capital consumption adjustment | −49.8 | −55.8 | −52.6 | −60.8 | −58.9 | −54.6 | −54.5 | −55.0 |
| **Corporate profits with inventory valuation and capital consumption adjustments** | 337.6 | 311.6 | 321.4 | 306.7 | 290.9 | 296.8 | 306.6 | ..... |
| Corporate profits with inventory valuation adjustment | 289.8 | 286.1 | 291.5 | 285.3 | 275.3 | 285.5 | 298.8 | ..... |
| Profits before tax | 316.7 | 307.7 | 314.6 | 291.4 | 289.8 | 296.9 | 299.3 | ..... |
| Profits tax liability | 136.2 | 135.1 | 140.8 | 127.8 | 123.5 | 129.9 | 133.1 | ..... |
| Profits after tax | 180.5 | 172.6 | 173.8 | 163.6 | 166.3 | 167.1 | 166.1 | ..... |
| Dividends | 110.0 | 123.5 | 122.1 | 125.0 | 127.7 | 130.3 | 133.0 | 135.1 |
| Undistributed profits | 70.5 | 49.1 | 51.7 | 38.6 | 38.6 | 36.8 | 33.2 | ..... |
| Inventory valuation adjustment | −27.0 | −21.7 | −23.1 | −6.1 | −14.5 | −11.4 | −.5 | −30.6 |
| Capital consumption adjustment | 47.8 | 25.5 | 29.9 | 21.4 | 15.6 | 11.3 | 7.7 | 2.3 |
| **Net interest** | 371.8 | 445.1 | 443.4 | 456.2 | 461.7 | 463.6 | 466.2 | 468.9 |
| **Addenda:** | | | | | | | | |
| Corporate profits after tax with inventory valuation and capital consumption adjustments | 201.4 | 176.5 | 180.6 | 178.9 | 167.5 | 167.0 | 173.4 | ..... |
| Net cash flow with inventory valuation and capital consumption adjustments | 413.5 | 399.4 | 399.6 | 405.5 | 396.3 | 393.4 | 400.2 | ..... |
| Undistributed profits with inventory valuation and capital consumption adjustments | 91.4 | 53.0 | 58.5 | 53.9 | 39.8 | 36.7 | 40.5 | ..... |
| Capital consumption allowances with capital consumption adjustment | 322.1 | 346.4 | 341.1 | 351.6 | 356.5 | 356.7 | 359.7 | 365.2 |
| Less: Inventory valuation adjustment | −27.0 | −21.7 | −23.1 | −6.1 | −14.5 | −11.4 | −.5 | −30.6 |
| Equals: Net cash flow | 440.4 | 421.1 | 422.7 | 411.6 | 410.8 | 404.9 | 400.6 | ..... |

**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**

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| | Billions of dollars | | | | | | | |
| **Gross domestic product of corporate business** | **2,930.2** | **3,086.4** | **3,083.6** | **3,110.0** | **3,109.5** | **3,136.3** | **3,206.0** | ..... |
| Capital consumption allowances with capital consumption adjustment | 322.1 | 346.4 | 341.1 | 351.6 | 356.5 | 356.7 | 359.7 | 365.2 |
| Net domestic product | 2,608.0 | 2,739.9 | 2,742.5 | 2,758.4 | 2,753.0 | 2,779.5 | 2,846.3 | ..... |
| Indirect business tax and nontax liability plus business transfer payments less subsidies | 278.0 | 295.1 | 293.0 | 299.9 | 299.9 | 307.3 | 307.6 | 317.5 |
| Domestic income | 2,330.0 | 2,444.9 | 2,449.5 | 2,458.5 | 2,453.1 | 2,472.3 | 2,538.7 | ..... |
| Compensation of employees | 1,953.2 | 2,058.1 | 2,050.8 | 2,066.0 | 2,080.6 | 2,090.1 | 2,140.3 | 2,166.8 |
| Wages and salaries | 1,644.9 | 1,731.5 | 1,725.3 | 1,738.0 | 1,750.3 | 1,758.1 | 1,800.4 | 1,823.1 |
| Supplements to wages and salaries | 308.3 | 326.7 | 325.6 | 328.0 | 330.3 | 332.0 | 339.8 | 343.7 |
| Corporate profits with inventory valuation and capital consumption adjustments | 294.3 | 260.7 | 274.8 | 257.5 | 234.0 | 243.9 | 257.6 | ..... |
| Profits before tax | 273.4 | 256.9 | 268.0 | 242.1 | 232.9 | 244.0 | 250.3 | ..... |
| Profits tax liability | 136.2 | 135.1 | 140.8 | 127.8 | 123.5 | 129.9 | 133.1 | ..... |
| Profits after tax | 137.2 | 121.8 | 127.3 | 114.3 | 109.4 | 114.1 | 117.2 | ..... |
| Dividends | 81.2 | 104.3 | 100.9 | 104.9 | 100.4 | 115.6 | 109.4 | 117.4 |
| Undistributed profits | 56.0 | 17.5 | 26.4 | 9.4 | 9.0 | −1.4 | 7.8 | ..... |
| Inventory valuation adjustment | −27.0 | −21.7 | −23.1 | −6.1 | −14.5 | −11.4 | −.5 | −30.6 |
| Capital consumption adjustment | 47.8 | 25.5 | 29.9 | 21.4 | 15.6 | 11.3 | 7.7 | 2.3 |
| Net interest | 82.5 | 126.0 | 123.8 | 135.0 | 138.5 | 138.3 | 140.8 | 140.5 |
| **Gross domestic product of financial corporate business** | **209.5** | **231.9** | **236.0** | **230.9** | **231.0** | **228.8** | **246.0** | ..... |
| **Gross domestic product of nonfinancial corporate business** | **2,720.7** | **2,854.5** | **2,847.5** | **2,879.1** | **2,878.5** | **2,907.5** | **2,960.0** | ..... |
| Capital consumption allowances with capital consumption adjustment | 297.6 | 317.8 | 313.0 | 322.3 | 326.4 | 326.1 | 329.1 | 333.1 |
| Net domestic product | 2,423.1 | 2,536.7 | 2,534.6 | 2,556.7 | 2,552.2 | 2,581.3 | 2,630.9 | ..... |
| Indirect business tax and nontax liability plus business transfer payments less subsidies | 257.5 | 272.9 | 271.1 | 277.4 | 277.1 | 283.9 | 284.2 | 293.5 |
| Domestic income | 2,165.6 | 2,263.8 | 2,263.5 | 2,279.4 | 2,275.1 | 2,297.4 | 2,346.8 | ..... |
| Compensation of employees | 1,801.6 | 1,902.3 | 1,895.3 | 1,910.0 | 1,924.4 | 1,946.2 | 1,982.1 | 2,003.9 |
| Wages and salaries | 1,515.9 | 1,599.4 | 1,593.4 | 1,605.8 | 1,618.1 | 1,636.3 | 1,666.2 | 1,684.9 |
| Supplements to wages and salaries | 285.7 | 302.9 | 301.9 | 304.2 | 306.3 | 310.0 | 315.9 | 319.0 |
| Corporate profits with inventory valuation and capital consumption adjustments | 266.0 | 241.0 | 248.6 | 244.4 | 223.8 | 224.5 | 235.8 | ..... |
| Profits before tax | 251.1 | 241.5 | 246.4 | 233.0 | 226.0 | 227.9 | 232.2 | ..... |
| Profits tax liability | 102.2 | 101.4 | 101.6 | 99.6 | 96.6 | 95.3 | 97.5 | ..... |
| Profits after tax | 148.9 | 140.1 | 144.9 | 133.4 | 129.3 | 132.6 | 134.7 | ..... |
| Dividends | 80.8 | 104.8 | 101.3 | 106.6 | 104.1 | 118.5 | 112.3 | 120.2 |
| Undistributed profits | 68.1 | 35.2 | 43.6 | 26.8 | 25.2 | 14.1 | 22.4 | ..... |
| Inventory valuation adjustment | −27.0 | −21.7 | −23.1 | −6.1 | −14.5 | −11.4 | −.5 | −30.6 |
| Capital consumption adjustment | 41.8 | 21.2 | 25.3 | 17.5 | 12.3 | 8.1 | 4.1 | −.3 |
| Net interest | 98.0 | 120.5 | 119.6 | 125.0 | 126.9 | 126.6 | 128.9 | 128.6 |
| | Billions of 1982 dollars | | | | | | | |
| **Gross domestic product of nonfinancial corporate business** | **2,403.7** | **2,431.2** | **2,431.3** | **2,443.9** | **2,421.8** | **2,423.1** | **2,440.1** | ..... |
| Capital consumption allowances with capital consumption adjustment | 279.1 | 290.7 | 287.1 | 294.0 | 296.9 | 294.6 | 296.9 | 299.1 |
| Net domestic product | 2,124.6 | 2,140.5 | 2,144.2 | 2,149.9 | 2,125.0 | 2,128.5 | 2,143.1 | ..... |
| Indirect business tax and nontax liability plus business transfer payments less subsidies | 209.9 | 213.3 | 211.9 | 214.5 | 214.7 | 213.5 | 212.4 | 215.2 |
| Domestic income | 1,914.7 | 1,927.3 | 1,932.4 | 1,935.4 | 1,910.3 | 1,915.0 | 1,930.7 | ..... |

**Table 1.17.—Auto Output**

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Auto output** | **127.6** | **131.3** | **130.7** | **132.5** | **128.2** | **120.3** | **128.9** | **140.4** |
| **Final sales** | **126.6** | **128.9** | **132.4** | **137.8** | **123.0** | **135.0** | **133.8** | **134.0** |
| Personal consumption expenditures | 142.0 | 141.4 | 143.4 | 149.5 | 133.9 | 145.3 | 140.2 | 142.9 |
| New autos | 101.1 | 99.7 | 100.0 | 109.1 | 90.1 | 102.6 | 97.6 | 101.6 |
| Net purchases of used autos | 40.9 | 41.6 | 43.4 | 40.5 | 43.8 | 42.7 | 42.6 | 41.3 |
| Producers' durable equipment | 21.1 | 20.3 | 21.0 | 21.1 | 18.6 | 22.3 | 24.2 | 25.7 |
| New autos | 51.1 | 50.1 | 53.8 | 52.3 | 46.7 | 50.0 | 52.2 | 54.0 |
| Net purchases of used autos | −30.1 | −29.8 | −32.7 | −31.2 | −28.1 | −27.8 | −28.0 | −28.2 |
| Net exports of goods and services | −38.0 | −34.4 | −33.8 | −34.4 | −30.9 | −34.6 | −32.4 | −36.1 |
| Exports | 9.0 | 10.0 | 9.2 | 9.4 | 11.2 | 10.9 | 11.4 | 11.7 |
| Imports | 47.1 | 44.5 | 43.0 | 43.8 | 42.1 | 45.5 | 43.8 | 47.8 |
| Government purchases of goods and services | 1.6 | 1.6 | 1.8 | 1.5 | 1.4 | 1.9 | 1.7 | 1.5 |
| **Change in business inventories of new and used autos** | **.9** | **2.4** | **−1.7** | **−5.3** | **5.1** | **−14.6** | **−4.9** | **6.4** |
| New | .1 | 1.6 | −2.9 | −8.3 | 6.6 | −14.6 | −3.8 | 5.7 |
| Used | .8 | .8 | 1.2 | 3.1 | −1.4 | 0 | −1.1 | .7 |
| **Addenda:** | | | | | | | | |
| Domestic output of new autos [1] | 101.8 | 105.2 | 107.0 | 103.4 | 100.2 | 92.5 | 103.4 | 113.1 |
| Sales of imported new autos [2] | 60.5 | 57.6 | 58.9 | 60.7 | 54.8 | 58.1 | 59.1 | 59.4 |

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 1.18.—Auto Output in Constant Dollars**

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Auto output** | **109.9** | **110.4** | **110.3** | **111.4** | **106.3** | **99.0** | **107.3** | **116.4** |
| **Final sales** | **109.5** | **109.0** | **111.5** | **116.6** | **103.4** | **111.7** | **110.8** | **111.6** |
| Personal consumption expenditures | 117.7 | 115.1 | 116.6 | 122.2 | 108.6 | 117.0 | 113.8 | 115.9 |
| New autos | 84.4 | 81.5 | 81.6 | 89.7 | 73.3 | 82.3 | 78.8 | 82.4 |
| Net purchases of used autos | 33.3 | 33.6 | 35.0 | 32.5 | 35.2 | 34.7 | 35.0 | 33.5 |
| Producers' durable equipment | 18.1 | 17.2 | 17.8 | 18.0 | 15.3 | 17.6 | 19.1 | 20.7 |
| New autos | 42.6 | 41.0 | 43.9 | 43.0 | 38.0 | 40.1 | 42.2 | 43.8 |
| Net purchases of used autos | −24.5 | −23.8 | −26.1 | −25.0 | −22.6 | −22.6 | −23.1 | −23.1 |
| Net exports of goods and services | −27.6 | −24.7 | −24.4 | −24.9 | −21.8 | −24.5 | −23.5 | −26.3 |
| Exports | 7.4 | 7.9 | 7.3 | 7.3 | 8.8 | 8.4 | 8.8 | 8.9 |
| Imports | 35.0 | 32.6 | 31.7 | 32.2 | 30.6 | 32.9 | 32.3 | 35.2 |
| Government purchases of goods and services | 1.4 | 1.4 | 1.5 | 1.4 | 1.2 | 1.6 | 1.5 | 1.3 |
| **Change in business inventories of new and used autos** | **.4** | **1.4** | **−1.1** | **−5.2** | **2.9** | **−12.7** | **−3.5** | **4.8** |
| New | −.3 | .7 | −2.0 | −7.7 | 4.1 | −12.7 | −2.5 | 4.2 |
| Used | .6 | .6 | .9 | 2.5 | −1.2 | 0 | −.9 | .6 |
| **Addenda:** | | | | | | | | |
| Domestic output of new autos [1] | 84.8 | 85.1 | 86.6 | 83.9 | 80.3 | 72.9 | 82.7 | 90.9 |
| Sales of imported new autos [2] | 50.5 | 47.1 | 48.1 | 49.9 | 44.6 | 46.6 | 47.7 | 48.2 |

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 1.19.—Truck Output

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Truck output** [1] | **69.4** | **69.6** | **74.8** | **66.4** | **63.1** | **60.8** | **69.6** | **65.4** |
| **Final sales** | **69.0** | **68.6** | **72.0** | **71.1** | **62.1** | **67.4** | **65.4** | **65.9** |
| Personal consumption expenditures | 31.1 | 32.8 | 32.6 | 35.0 | 30.8 | 32.7 | 30.2 | 31.6 |
| Producers' durable equipment | 38.3 | 36.5 | 38.4 | 36.7 | 33.6 | 35.0 | 34.1 | 35.7 |
| Net exports of goods and services | −6.1 | −6.6 | −6.3 | −6.5 | −6.8 | −5.4 | −5.3 | −6.9 |
| Exports | 3.9 | 3.6 | 3.4 | 3.4 | 3.7 | 3.4 | 4.3 | 3.6 |
| Imports | 10.0 | 10.2 | 9.7 | 10.0 | 10.5 | 8.7 | 9.5 | 10.5 |
| Government purchases of goods and services | 5.7 | 5.8 | 7.4 | 6.0 | 4.5 | 5.2 | 6.4 | 5.6 |
| **Change in business inventories** | **.4** | **1.0** | **2.9** | **−4.7** | **1.1** | **−6.6** | **4.2** | **−.5** |

1. Includes new trucks only.

### Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Truck output** [1] | **58.4** | **56.5** | **60.9** | **54.3** | **50.6** | **48.8** | **55.8** | **52.0** |
| **Final sales** | **58.1** | **55.7** | **58.7** | **57.9** | **49.8** | **54.0** | **52.4** | **52.4** |
| Personal consumption expenditures | 26.1 | 26.8 | 26.7 | 28.5 | 24.9 | 25.9 | 23.7 | 24.8 |
| Producers' durable equipment | 32.3 | 29.7 | 31.3 | 29.9 | 26.9 | 28.2 | 27.7 | 28.6 |
| Net exports of goods and services | −5.1 | −5.4 | −5.2 | −5.3 | −5.5 | −4.3 | −4.2 | −5.5 |
| Exports | 3.3 | 2.9 | 2.8 | 2.8 | 3.0 | 2.7 | 3.5 | 2.9 |
| Imports | 8.4 | 8.3 | 7.9 | 8.1 | 8.5 | 7.0 | 7.7 | 8.4 |
| Government purchases of goods and services | 4.8 | 4.7 | 6.0 | 4.9 | 3.6 | 4.2 | 5.2 | 4.5 |
| **Change in business inventories** | **.3** | **.7** | **2.2** | **−3.6** | **.7** | **−5.2** | **3.3** | **−.4** |

1. Includes new trucks only.

### Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Personal income** | **4,070.8** | **4,384.3** | **4,362.9** | **4,402.8** | **4,469.2** | **4,562.8** | **4,622.2** | **4,677.7** |
| **Wage and salary disbursements** | **2,431.1** | **2,573.2** | **2,560.0** | **2,586.6** | **2,612.7** | **2,651.6** | **2,696.3** | **2,733.3** |
| Commodity-producing industries | 696.4 | 720.6 | 719.3 | 722.3 | 721.4 | 724.6 | 731.1 | 735.1 |
| Manufacturing | 524.0 | 541.8 | 541.4 | 543.2 | 540.9 | 541.2 | 548.1 | 551.2 |
| Distributive industries | 572.0 | 604.7 | 602.6 | 607.1 | 614.6 | 627.0 | 637.3 | 642.4 |
| Service industries | 716.2 | 771.4 | 764.9 | 777.4 | 790.0 | 802.9 | 822.2 | 844.6 |
| Government and government enterprises | 446.6 | 476.6 | 473.2 | 479.9 | 486.7 | 497.1 | 505.7 | 511.3 |
| **Other labor income** | **225.5** | **241.9** | **239.9** | **243.5** | **247.5** | **252.8** | **256.4** | **260.0** |
| **Proprietors' income with inventory valuation and capital consumption adjustments** | **354.2** | **379.3** | **379.6** | **368.1** | **381.7** | **404.0** | **401.7** | **398.0** |
| Farm | 43.7 | 48.6 | 50.5 | 38.7 | 45.7 | 57.4 | 51.0 | 42.8 |
| Nonfarm | 310.5 | 330.7 | 329.1 | 329.5 | 336.0 | 346.6 | 350.8 | 355.2 |
| **Rental income of persons with capital consumption adjustment** | **16.3** | **8.2** | **9.7** | **5.8** | **4.1** | **5.5** | **4.3** | **7.6** |
| **Personal dividend income** | **102.2** | **114.4** | **113.2** | **115.7** | **118.2** | **120.5** | **122.9** | **124.9** |
| **Personal interest income** | **547.9** | **643.2** | **642.1** | **655.2** | **664.9** | **670.5** | **678.0** | **686.4** |
| **Transfer payments** | **587.7** | **636.9** | **630.2** | **641.8** | **655.9** | **680.9** | **686.7** | **696.0** |
| Old-age, survivors, disability, and health insurance benefits | 300.5 | 325.3 | 321.9 | 328.3 | 334.1 | 347.2 | 347.6 | 350.2 |
| Government unemployment insurance benefits | 13.4 | 14.7 | 14.3 | 14.9 | 15.5 | 16.3 | 17.3 | 18.4 |
| Veterans benefits | 16.9 | 17.3 | 17.3 | 17.3 | 17.3 | 17.9 | 17.9 | 17.9 |
| Government employees retirement benefits | 84.0 | 90.1 | 89.5 | 90.4 | 92.0 | 96.1 | 96.0 | 97.4 |
| Other transfer payments | 172.9 | 189.5 | 187.2 | 190.9 | 197.1 | 203.4 | 207.8 | 212.1 |
| Aid to families with dependent children | 17.3 | 18.0 | 17.7 | 18.0 | 18.5 | 19.1 | 19.6 | 19.6 |
| Other | 155.6 | 171.6 | 169.5 | 172.8 | 178.6 | 184.2 | 188.2 | 192.5 |
| **Less: Personal contributions for social insurance** | **194.1** | **212.8** | **212.0** | **214.0** | **215.8** | **222.9** | **224.1** | **228.6** |
| **Less: Personal tax and nontax payments** | **591.6** | **658.8** | **665.5** | **659.5** | **669.6** | **675.1** | **696.5** | **709.0** |
| **Equals: Disposable personal income** | **3,479.2** | **3,725.5** | **3,697.3** | **3,743.4** | **3,799.6** | **3,887.7** | **3,925.7** | **3,968.6** |
| **Less: Personal outlays** | **3,333.6** | **3,553.7** | **3,528.5** | **3,588.8** | **3,625.5** | **3,696.4** | **3,730.6** | **3,809.2** |
| Personal consumption expenditures | 3,238.2 | 3,450.1 | 3,425.9 | 3,484.3 | 3,518.5 | 3,588.1 | 3,622.7 | 3,700.6 |
| Interest paid by consumers to business | 93.6 | 102.2 | 101.0 | 103.4 | 105.7 | 107.4 | 107.5 | 107.9 |
| Personal transfer payments to foreigners (net) | 1.9 | 1.4 | 1.6 | 1.2 | 1.2 | .9 | .4 | .7 |
| **Equals: Personal saving** | **145.6** | **171.8** | **168.9** | **154.5** | **174.1** | **191.3** | **195.1** | **159.4** |
| **Addenda:** | | | | | | | | |
| Disposable personal income: | | | | | | | | |
| Total, billions of 1982 dollars | 2,800.5 | 2,869.0 | 2,854.9 | 2,874.3 | 2,883.2 | 2,900.9 | 2,902.8 | 2,898.4 |
| Per capita: | | | | | | | | |
| Current dollars | 14,123 | 14,973 | 14,883 | 15,026 | 15,210 | 15,527 | 15,639 | 15,762 |
| 1982 dollars | 11,368 | 11,531 | 11,492 | 11,538 | 11,541 | 11,586 | 11,564 | 11,511 |
| Population (mid-period, millions) | 246.4 | 248.8 | 248.4 | 249.1 | 249.8 | 250.4 | 251.0 | 251.8 |
| **Personal saving as percentage of disposable personal income** | **4.2** | **4.6** | **4.6** | **4.1** | **4.6** | **4.9** | **5.0** | **4.0** |

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]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Personal consumption expenditures** [1] | **3,238.2** | **3,450.1** | **3,425.9** | **3,484.3** | **3,518.5** | **3,588.1** | **3,622.7** | **3,700.6** |
| **Durable goods** | **457.5** | **474.6** | **473.6** | **487.1** | **471.2** | **492.1** | **478.4** | **483.1** |
| Motor vehicles and parts | 212.2 | 215.5 | 216.2 | 226.9 | 207.5 | 221.1 | 212.4 | 216.8 |
| Furniture and household equipment | 161.8 | 171.4 | 170.7 | 171.5 | 173.0 | 178.9 | 176.8 | 175.9 |
| Other | 83.5 | 87.8 | 86.7 | 88.7 | 90.7 | 92.0 | 89.3 | 90.3 |
| **Nondurable goods** | **1,060.0** | **1,130.0** | **1,127.1** | **1,137.3** | **1,148.8** | **1,174.7** | **1,179.0** | **1,202.8** |
| Food | 562.6 | 595.3 | 592.5 | 597.6 | 602.2 | 616.4 | 623.3 | 627.9 |
| Clothing and shoes | 191.1 | 204.6 | 203.4 | 206.9 | 208.7 | 212.9 | 212.6 | 215.8 |
| Gasoline and oil | 77.3 | 83.8 | 88.2 | 84.5 | 83.5 | 87.1 | 84.5 | 95.4 |
| Other nondurable goods | 229.1 | 246.3 | 243.0 | 248.3 | 254.4 | 258.2 | 258.6 | 263.6 |
| Fuel oil and coal | 17.2 | 17.7 | 17.0 | 17.4 | 20.1 | 17.7 | 17.4 | 19.4 |
| Other | 211.9 | 228.7 | 226.0 | 230.9 | 234.3 | 240.5 | 241.2 | 244.2 |
| **Services** [1] | **1,720.7** | **1,845.5** | **1,825.1** | **1,859.8** | **1,898.5** | **1,921.3** | **1,965.3** | **2,014.7** |
| Housing | 502.3 | 533.9 | 527.8 | 538.2 | 549.5 | 556.3 | 563.6 | 575.7 |
| Household operation | 197.4 | 206.3 | 202.6 | 205.7 | 214.2 | 205.2 | 211.9 | 216.9 |
| Electricity and gas | 93.6 | 97.7 | 95.1 | 97.2 | 103.0 | 92.5 | 97.5 | 100.1 |
| Other | 103.8 | 108.6 | 107.6 | 108.5 | 111.2 | 112.7 | 114.4 | 116.8 |
| Transportation | 118.0 | 126.4 | 125.2 | 127.4 | 128.8 | 132.3 | 135.2 | 137.5 |
| Medical care | 398.4 | 434.3 | 428.7 | 435.6 | 450.6 | 462.6 | 475.8 | 493.1 |
| Other [1] | 504.4 | 544.5 | 540.9 | 552.8 | 555.4 | 564.9 | 578.9 | 591.4 |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.

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

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Personal consumption expenditures** [1] | **2,606.5** | **2,656.8** | **2,645.3** | **2,675.3** | **2,669.9** | **2,677.3** | **2,678.8** | **2,702.7** |
| **Durable goods** | **418.2** | **428.0** | **428.2** | **438.1** | **423.1** | **437.6** | **426.8** | **430.0** |
| Motor vehicles and parts | 182.1 | 181.4 | 181.8 | 191.1 | 174.1 | 183.9 | 177.8 | 181.2 |
| Furniture and household equipment | 165.0 | 175.0 | 175.5 | 175.0 | 175.7 | 181.4 | 180.0 | 179.3 |
| Other | 71.0 | 71.6 | 71.0 | 72.0 | 73.2 | 72.3 | 69.0 | 69.5 |
| **Nondurable goods** | **909.4** | **919.9** | **914.6** | **923.4** | **923.0** | **915.6** | **911.2** | **915.0** |
| Food | 462.2 | 462.9 | 461.9 | 463.0 | 460.3 | 457.4 | 459.3 | 457.9 |
| Clothing and shoes | 165.0 | 172.7 | 170.8 | 176.6 | 175.1 | 174.2 | 171.3 | 174.4 |
| Gasoline and oil | 97.4 | 96.7 | 95.7 | 95.5 | 97.5 | 96.2 | 93.9 | 95.7 |
| Other nondurable goods | 184.9 | 187.7 | 186.2 | 188.2 | 190.0 | 187.7 | 186.8 | 186.9 |
| Fuel oil and coal | 22.4 | 21.9 | 21.4 | 21.8 | 23.8 | 18.6 | 20.4 | 20.8 |
| Other | 162.5 | 165.7 | 164.9 | 166.4 | 166.3 | 169.1 | 166.4 | 166.1 |
| **Services** [1] | **1,278.9** | **1,309.0** | **1,302.5** | **1,313.8** | **1,323.8** | **1,324.2** | **1,340.8** | **1,357.7** |
| Housing | 366.0 | 372.1 | 371.1 | 373.0 | 375.2 | 376.3 | 376.9 | 377.1 |
| Household operation | 164.1 | 167.6 | 164.7 | 167.7 | 172.7 | 162.8 | 168.5 | 173.7 |
| Electricity and gas | 82.8 | 84.1 | 81.9 | 84.3 | 87.7 | 77.7 | 82.4 | 86.0 |
| Other | 81.3 | 83.4 | 82.7 | 83.4 | 85.0 | 85.1 | 86.0 | 87.7 |
| Transportation | 94.3 | 96.9 | 96.2 | 97.5 | 98.4 | 98.8 | 99.7 | 100.8 |
| Medical care | 279.3 | 286.1 | 284.7 | 285.7 | 289.3 | 294.7 | 299.3 | 305.4 |
| Other [1] | 375.3 | 386.4 | 385.8 | 390.0 | 388.3 | 391.7 | 396.4 | 400.7 |

1. See the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.

### Table 3.2.—Federal Government Receipts and Expenditures

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Receipts** | **972.4** | **1,052.9** | **1,062.2** | **1,048.1** | **1,055.7** | **1,080.6** | **1,105.8** | ..... |
| Personal tax and nontax receipts | 415.1 | 464.0 | 470.9 | 462.2 | 469.6 | 473.6 | 492.1 | 499.7 |
| Income taxes | 405.7 | 453.1 | 459.1 | 451.7 | 458.5 | 462.1 | 474.3 | 486.9 |
| Estate and gift taxes | 7.9 | 9.0 | 9.9 | 8.6 | 9.2 | 9.6 | 15.7 | 10.8 |
| Nontaxes | 1.6 | 1.8 | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 |
| Corporate profits tax accruals | 110.5 | 110.4 | 115.0 | 104.7 | 101.3 | 106.5 | 109.2 | ..... |
| Federal Reserve banks | 17.4 | 21.6 | 22.1 | 21.5 | 21.8 | 21.8 | 22.1 | ..... |
| Other | 93.2 | 88.8 | 92.9 | 83.2 | 79.5 | 84.8 | 87.1 | ..... |
| Indirect business tax and nontax accruals | 57.0 | 58.4 | 58.0 | 59.3 | 58.7 | 60.6 | 60.5 | 61.1 |
| Excise taxes | 34.4 | 34.1 | 34.1 | 34.0 | 33.9 | 35.8 | 36.5 | 36.7 |
| Customs duties | 16.4 | 17.5 | 17.2 | 17.7 | 18.0 | 17.6 | 17.3 | 17.7 |
| Nontaxes | 6.1 | 6.8 | 6.6 | 7.5 | 6.8 | 7.2 | 6.7 | 6.7 |
| Contributions for social insurance | 389.8 | 420.1 | 418.4 | 421.9 | 426.1 | 439.9 | 444.0 | 450.6 |
| **Expenditures** | **1,114.2** | **1,187.2** | **1,184.9** | **1,179.8** | **1,205.8** | **1,248.8** | **1,271.7** | **1,271.2** |
| Purchases of goods and services | 380.3 | 400.0 | 402.5 | 399.2 | 399.9 | 410.6 | 421.9 | 425.4 |
| National defense | 297.2 | 301.1 | 300.6 | 306.3 | 299.2 | 307.2 | 309.6 | 311.1 |
| Nondefense | 83.1 | 98.9 | 101.9 | 93.0 | 100.7 | 103.4 | 112.3 | 114.3 |
| Transfer payments | 438.9 | 471.9 | 464.7 | 474.4 | 487.9 | 503.4 | 510.4 | 510.0 |
| To persons | 425.7 | 458.6 | 454.2 | 461.5 | 470.5 | 490.3 | 491.4 | 496.1 |
| To foreigners | 13.1 | 13.4 | 10.5 | 13.0 | 17.3 | 13.1 | 18.9 | 13.9 |
| Grants-in-aid to State and local governments | 111.1 | 118.2 | 117.0 | 117.6 | 121.5 | 128.5 | 131.5 | 131.7 |
| Net interest paid | 151.3 | 172.0 | 173.4 | 172.1 | 175.2 | 178.1 | 184.3 | 191.1 |
| Interest paid | 173.8 | 191.7 | 191.8 | 193.2 | 194.8 | 198.6 | 203.0 | 210.4 |
| To persons and business | 143.6 | 155.7 | 156.1 | 157.0 | 157.7 | 161.0 | 164.3 | 170.6 |
| To foreigners | 30.2 | 36.0 | 35.7 | 36.2 | 37.1 | 37.6 | 38.7 | 39.7 |
| Less: Interest received by government | 22.5 | 19.6 | 18.5 | 21.1 | 19.6 | 20.5 | 18.7 | 19.3 |
| Subsidies less current surplus of government enterprises | 32.7 | 25.0 | 27.3 | 16.5 | 21.3 | 28.3 | 23.8 | 12.9 |
| Subsidies | 29.9 | 27.9 | 28.2 | 19.2 | 27.6 | 32.4 | 25.6 | 17.3 |
| Less: Current surplus of government enterprises | −2.8 | 2.8 | .9 | 2.8 | 6.2 | 4.2 | 1.9 | 4.4 |
| Less: Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Surplus or deficit (−), national income and product accounts** | **−141.7** | **−134.3** | **−122.7** | **−131.7** | **−150.1** | **−168.3** | **−166.0** | ..... |
| Social insurance funds | 53.0 | 63.8 | 65.2 | 63.7 | 62.3 | 59.3 | 64.0 | 67.6 |
| Other | −194.7 | −198.1 | −187.9 | −195.4 | −212.4 | −227.5 | −230.0 | ..... |

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

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Receipts** | **697.6** | **749.9** | **746.7** | **755.7** | **764.6** | **783.6** | **792.2** | ..... |
| Personal tax and nontax receipts | 176.5 | 194.8 | 194.6 | 197.2 | 200.0 | 201.5 | 204.4 | 209.4 |
| Income taxes | 90.1 | 101.7 | 102.4 | 103.3 | 104.2 | 104.0 | 105.0 | 108.0 |
| Nontaxes | 71.6 | 77.6 | 76.8 | 78.3 | 79.8 | 81.3 | 83.0 | 84.7 |
| Other | 14.7 | 15.6 | 15.4 | 15.7 | 15.9 | 16.2 | 16.5 | 16.7 |
| Corporate profits tax accruals | 25.7 | 24.7 | 25.8 | 23.1 | 22.1 | 23.3 | 23.9 | ..... |
| Indirect business tax and nontax accruals | 331.7 | 355.6 | 353.1 | 360.6 | 362.8 | 371.2 | 372.5 | 383.7 |
| Sales taxes | 160.7 | 170.9 | 169.8 | 173.3 | 173.8 | 178.5 | 177.5 | 184.0 |
| Property taxes | 127.9 | 139.9 | 138.7 | 141.6 | 144.0 | 146.4 | 148.8 | 151.4 |
| Other | 43.1 | 44.7 | 44.6 | 45.7 | 45.1 | 46.3 | 46.3 | 48.2 |
| Contributions for social insurance | 52.7 | 56.7 | 56.2 | 57.1 | 58.1 | 59.0 | 59.9 | 60.7 |
| Federal grants-in-aid | 111.1 | 118.2 | 117.0 | 117.6 | 121.5 | 128.5 | 131.5 | 131.7 |
| **Expenditures** | **651.1** | **703.5** | **696.5** | **707.6** | **726.1** | **745.5** | **753.6** | **770.2** |
| Purchases of goods and services | 582.3 | 625.6 | 620.2 | 628.6 | 643.4 | 659.6 | 664.6 | 678.0 |
| Compensation of employees | 345.8 | 373.0 | 369.6 | 376.4 | 383.3 | 390.4 | 397.5 | 404.5 |
| Other | 236.5 | 252.6 | 250.6 | 252.2 | 260.1 | 269.1 | 267.1 | 273.5 |
| Transfer payments to persons | 131.6 | 145.9 | 143.9 | 147.7 | 152.0 | 156.5 | 160.6 | 164.6 |
| Net interest paid | −38.5 | −40.2 | −39.9 | −40.3 | −40.7 | −41.0 | −41.4 | −41.8 |
| Interest paid | 55.3 | 59.1 | 58.6 | 59.5 | 60.5 | 61.5 | 62.5 | 63.6 |
| Less: Interest received by government | 93.8 | 99.3 | 98.5 | 99.8 | 101.2 | 102.5 | 103.9 | 105.3 |
| Less: Dividends received by government | 7.8 | 9.1 | 8.9 | 9.3 | 9.5 | 9.7 | 10.0 | 10.2 |
| Subsidies less current surplus of government enterprises | −16.5 | −18.8 | −18.8 | −19.1 | −19.2 | −19.8 | −20.1 | −20.4 |
| Subsidies | .7 | .7 | .7 | .7 | .8 | .8 | .8 | .8 |
| Less: Current surplus of government enterprises | 17.2 | 19.5 | 19.6 | 19.8 | 19.9 | 20.6 | 20.9 | 21.2 |
| Less: Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Surplus or deficit (−), national income and product accounts** | **46.5** | **46.4** | **50.3** | **48.1** | **38.5** | **38.1** | **38.6** | ..... |
| Social insurance funds | 62.9 | 66.4 | 65.9 | 66.8 | 67.6 | 68.3 | 69.1 | 69.8 |
| Other | −16.4 | −19.9 | −15.6 | −18.7 | −29.1 | −30.2 | −30.4 | ..... |

### Table 3.7B.—Government Purchases of Goods and Services by Type

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Government purchases of goods and services** | **962.5** | **1,025.6** | **1,022.7** | **1,027.8** | **1,043.3** | **1,070.1** | **1,086.4** | **1,103.4** |
| **Federal** | **380.3** | **400.0** | **402.5** | **399.2** | **399.9** | **410.6** | **421.9** | **425.4** |
| National defense | 297.2 | 301.1 | 300.6 | 306.3 | 299.2 | 307.2 | 309.6 | 311.1 |
| Durable goods | 83.0 | 80.9 | 81.1 | 83.2 | 77.3 | 78.6 | 81.7 | 84.0 |
| Nondurable goods | 10.1 | 10.4 | 10.9 | 10.4 | 10.7 | 10.0 | 11.6 | 12.2 |
| Services | 197.0 | 203.3 | 202.3 | 205.9 | 204.9 | 212.3 | 209.6 | 207.9 |
| Compensation of employees | 113.1 | 119.0 | 118.6 | 118.9 | 120.0 | 123.5 | 124.0 | 124.4 |
| Military | 75.7 | 78.8 | 78.8 | 78.8 | 79.0 | 82.1 | 82.2 | 82.5 |
| Civilian | 37.4 | 40.2 | 39.8 | 40.1 | 41.0 | 41.4 | 41.8 | 41.9 |
| Other services | 83.9 | 84.3 | 83.7 | 87.0 | 84.9 | 88.8 | 85.6 | 83.5 |
| Structures | 7.1 | 6.4 | 6.3 | 6.8 | 6.3 | 6.2 | 6.7 | 7.0 |
| Nondefense | 83.1 | 98.9 | 101.9 | 93.0 | 100.7 | 103.4 | 112.3 | 114.3 |
| Durable goods | 4.5 | 5.3 | 5.5 | 5.1 | 5.4 | 5.4 | 5.6 | 5.9 |
| Nondurable goods | −8.3 | 1.4 | 3.5 | −4.1 | 2.8 | 0 | 5.6 | 7.4 |
| Commodity Credit Corporation inventory change | −15.6 | −5.3 | −3.3 | −10.6 | −3.4 | −6.8 | −1.9 | 0 |
| Other nondurables | 7.3 | 6.7 | 6.7 | 6.6 | 6.1 | 6.8 | 7.5 | 7.4 |
| Services | 80.0 | 85.1 | 86.0 | 84.9 | 85.3 | 89.9 | 92.8 | 92.7 |
| Compensation of employees | 46.3 | 49.5 | 49.6 | 49.8 | 49.7 | 53.1 | 55.2 | 54.1 |
| Other services | 33.7 | 35.6 | 36.4 | 35.0 | 35.6 | 36.8 | 37.6 | 38.7 |
| Structures | 6.9 | 7.0 | 7.0 | 7.1 | 7.3 | 8.1 | 8.3 | 8.2 |
| **State and local** | **582.3** | **625.6** | **620.2** | **628.6** | **643.4** | **659.6** | **664.6** | **678.0** |
| Durable goods | 27.6 | 30.5 | 30.1 | 30.7 | 31.5 | 32.1 | 32.7 | 33.4 |
| Nondurable goods | 45.6 | 49.9 | 49.9 | 49.9 | 51.2 | 52.3 | 51.5 | 54.1 |
| Services | 439.1 | 472.4 | 468.3 | 476.2 | 484.8 | 494.2 | 502.3 | 510.6 |
| Compensation of employees | 345.8 | 373.0 | 369.6 | 376.4 | 383.3 | 390.4 | 397.5 | 404.5 |
| Other services | 93.3 | 99.4 | 98.7 | 99.8 | 101.5 | 103.8 | 104.8 | 106.1 |
| Structures | 70.0 | 72.9 | 71.9 | 71.7 | 75.9 | 81.0 | 78.0 | 79.8 |

### Table 3.8B.—Government Purchases of Goods and Services by Type in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Government purchases of goods and services** | **780.5** | **798.1** | **801.0** | **796.2** | **802.2** | **807.9** | **820.2** | **822.8** |
| **Federal** | **328.1** | **334.9** | **339.9** | **333.0** | **332.7** | **333.0** | **345.9** | **345.6** |
| National defense | 260.7 | 256.3 | 255.7 | 260.2 | 255.5 | 254.4 | 256.5 | 256.8 |
| Durable goods | 83.8 | 81.5 | 81.3 | 83.5 | 79.9 | 79.3 | 81.5 | 84.0 |
| Nondurable goods | 13.0 | 13.1 | 13.3 | 13.0 | 13.8 | 12.0 | 14.7 | 14.0 |
| Services | 158.2 | 156.7 | 156.2 | 158.4 | 156.9 | 158.3 | 155.2 | 153.5 |
| Compensation of employees | 89.5 | 89.6 | 89.4 | 89.5 | 90.0 | 89.0 | 88.8 | 89.0 |
| Military | 60.1 | 59.8 | 59.7 | 59.8 | 59.9 | 59.5 | 59.2 | 59.3 |
| Civilian | 29.5 | 29.9 | 29.7 | 29.8 | 30.1 | 29.5 | 29.6 | 29.6 |
| Other services | 68.6 | 67.1 | 66.8 | 68.9 | 66.9 | 69.3 | 66.4 | 64.6 |
| Structures | 5.7 | 5.0 | 4.9 | 5.3 | 4.8 | 4.7 | 5.1 | 5.2 |
| Nondefense | 67.5 | 78.7 | 84.2 | 72.8 | 77.2 | 78.6 | 89.4 | 88.8 |
| Durable goods | 5.3 | 5.9 | 6.0 | 5.7 | 5.9 | 6.1 | 6.2 | 6.4 |
| Nondurable goods | −8.8 | 1.2 | 5.7 | −4.1 | .1 | −1.3 | 7.6 | 7.2 |
| Commodity Credit Corporation inventory change | −15.6 | −4.7 | −.2 | −9.9 | −5.0 | −7.0 | 1.1 | .9 |
| Other nondurables | 6.8 | 5.9 | 5.9 | 5.7 | 5.1 | 5.7 | 6.5 | 6.3 |
| Services | 65.0 | 65.8 | 66.6 | 65.3 | 65.3 | 67.3 | 68.9 | 68.5 |
| Compensation of employees | 36.6 | 36.9 | 37.0 | 37.0 | 36.8 | 38.1 | 39.4 | 38.4 |
| Other services | 28.5 | 28.9 | 29.7 | 28.3 | 28.5 | 29.2 | 29.5 | 30.1 |
| Structures | 5.9 | 5.8 | 5.8 | 5.8 | 6.0 | 6.5 | 6.7 | 6.6 |
| **State and local** | **452.4** | **463.2** | **461.1** | **463.2** | **469.5** | **475.0** | **474.3** | **477.2** |
| Durable goods | 24.5 | 26.2 | 26.0 | 26.4 | 26.9 | 27.2 | 27.6 | 27.9 |
| Nondurable goods | 47.2 | 48.3 | 48.1 | 48.4 | 48.8 | 48.9 | 49.0 | 49.2 |
| Services | 322.2 | 329.7 | 328.8 | 330.5 | 332.5 | 333.9 | 335.2 | 336.5 |
| Compensation of employees | 251.1 | 257.0 | 256.3 | 257.7 | 259.2 | 260.4 | 261.7 | 262.7 |
| Other services | 71.0 | 72.7 | 72.4 | 72.8 | 73.4 | 73.5 | 73.6 | 73.8 |
| Structures | 58.5 | 59.0 | 58.2 | 58.0 | 61.2 | 64.9 | 62.5 | 63.5 |

### Table 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **National defense purchases** | **297.2** | **301.1** | **300.6** | **306.3** | **299.2** | **307.2** | **309.6** | **311.1** |
| **Durable goods** | **83.0** | **80.9** | **81.1** | **83.2** | **77.3** | **78.6** | **81.7** | **84.0** |
| Military equipment | 72.4 | 71.6 | 71.1 | 73.8 | 68.8 | 70.1 | 73.0 | 75.2 |
| Aircraft | 29.2 | 26.6 | 25.5 | 25.6 | 27.5 | 24.7 | 25.2 | 25.3 |
| Missiles | 12.1 | 13.0 | 13.5 | 13.3 | 12.5 | 14.7 | 14.2 | 15.4 |
| Ships | 8.4 | 9.9 | 9.1 | 10.4 | 10.0 | 10.0 | 10.6 | 10.4 |
| Vehicles | 4.2 | 3.6 | 3.5 | 3.9 | 3.1 | 3.3 | 3.8 | 3.8 |
| Electronic equipment | 6.0 | 6.4 | 6.4 | 7.2 | 6.0 | 7.0 | 5.8 | 5.9 |
| Other | 12.4 | 12.2 | 13.2 | 13.5 | 9.6 | 10.4 | 13.4 | 14.4 |
| Other durable goods | 10.7 | 9.3 | 10.0 | 9.4 | 8.5 | 8.6 | 8.7 | 8.8 |
| **Nondurable goods** | **10.1** | **10.4** | **10.9** | **10.4** | **10.7** | **10.0** | **11.6** | **12.2** |
| Petroleum products | 3.7 | 4.3 | 4.2 | 4.0 | 5.3 | 4.5 | 5.2 | 5.4 |
| Ammunition | 3.9 | 3.5 | 3.9 | 3.7 | 2.9 | 3.3 | 3.9 | 4.0 |
| Other nondurable goods | 2.5 | 2.7 | 2.9 | 2.7 | 2.4 | 2.3 | 2.5 | 2.7 |
| **Services** | **197.0** | **203.3** | **202.3** | **205.9** | **204.9** | **212.3** | **209.6** | **207.9** |
| Compensation of employees | 113.1 | 119.0 | 118.6 | 118.9 | 120.0 | 123.5 | 124.0 | 124.4 |
| Military | 75.7 | 78.8 | 78.8 | 78.8 | 79.0 | 82.1 | 82.2 | 82.5 |
| Civilian | 37.4 | 40.2 | 39.8 | 40.1 | 41.0 | 41.4 | 41.8 | 41.9 |
| Other services | 83.9 | 84.3 | 83.7 | 87.0 | 84.9 | 88.8 | 85.6 | 83.5 |
| Contractual research and development | 30.7 | 31.1 | 30.2 | 31.8 | 32.4 | 33.9 | 34.2 | 32.9 |
| Installation support [1] | 24.9 | 25.0 | 25.5 | 26.9 | 23.6 | 24.6 | 21.6 | 20.2 |
| Weapons support [2] | 8.9 | 8.8 | 9.0 | 9.0 | 8.4 | 9.1 | 8.7 | 7.4 |
| Personnel support [3] | 11.8 | 11.5 | 11.1 | 12.0 | 11.6 | 12.2 | 11.6 | 12.1 |
| Transportation of materiel | 3.7 | 3.8 | 3.8 | 3.9 | 3.9 | 4.3 | 4.4 | 5.3 |
| Travel of persons | 3.9 | 4.2 | 4.2 | 4.1 | 4.3 | 4.6 | 4.7 | 5.2 |
| Other | 0 | –.1 | –.2 | –.7 | .6 | .2 | .4 | .4 |
| **Structures** | **7.1** | **6.4** | **6.3** | **6.8** | **6.3** | **6.2** | **6.7** | **7.0** |
| Military facilities | 4.7 | 4.1 | 3.9 | 4.3 | 4.1 | 3.7 | 4.0 | 4.3 |
| Other | 2.4 | 2.4 | 2.4 | 2.5 | 2.3 | 2.5 | 2.7 | 2.7 |

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 3.10.—National Defense Purchases of Goods and Services in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **National defense purchases** | **260.7** | **256.3** | **255.7** | **260.2** | **255.5** | **254.4** | **256.5** | **256.8** |
| **Durable goods** | **83.8** | **81.5** | **81.3** | **83.5** | **79.9** | **79.3** | **81.5** | **84.0** |
| Military equipment | 70.2 | 69.6 | 68.8 | 71.6 | 68.6 | 67.8 | 69.7 | 72.0 |
| Aircraft | 28.8 | 26.8 | 25.5 | 26.0 | 29.2 | 25.1 | 25.3 | 25.4 |
| Missiles | 12.8 | 14.5 | 15.0 | 14.8 | 14.4 | 15.9 | 15.3 | 16.8 |
| Ships | 7.1 | 7.9 | 7.3 | 8.3 | 7.9 | 7.9 | 8.3 | 8.1 |
| Vehicles | 4.6 | 3.9 | 3.7 | 4.2 | 3.3 | 3.7 | 4.1 | 4.2 |
| Electronic equipment | 5.6 | 5.8 | 5.8 | 6.5 | 5.5 | 6.3 | 5.2 | 5.3 |
| Other | 11.3 | 10.6 | 11.5 | 11.7 | 8.2 | 8.9 | 11.5 | 12.4 |
| Other durable goods | 13.6 | 11.9 | 12.5 | 12.0 | 11.3 | 11.6 | 11.8 | 11.9 |
| **Nondurable goods** | **13.0** | **13.1** | **13.3** | **13.0** | **13.8** | **12.0** | **14.7** | **14.0** |
| Petroleum products | 6.8 | 7.4 | 7.0 | 7.0 | 9.0 | 6.9 | 8.7 | 7.6 |
| Ammunition | 4.1 | 3.5 | 3.8 | 3.7 | 2.8 | 3.3 | 4.0 | 4.2 |
| Other nondurable goods | 2.2 | 2.2 | 2.4 | 2.2 | 2.0 | 1.8 | 2.0 | 2.2 |
| **Services** | **158.2** | **156.7** | **156.2** | **158.4** | **156.9** | **158.3** | **155.2** | **153.5** |
| Compensation of employees | 89.5 | 89.6 | 89.4 | 89.5 | 90.0 | 89.0 | 88.8 | 89.0 |
| Military | 60.1 | 59.8 | 59.7 | 59.8 | 59.9 | 59.5 | 59.2 | 59.3 |
| Civilian | 29.5 | 29.9 | 29.7 | 29.8 | 30.1 | 29.5 | 29.6 | 29.6 |
| Other services | 68.6 | 67.1 | 66.8 | 68.9 | 66.9 | 69.3 | 66.4 | 64.6 |
| Contractual research and development | 25.5 | 24.9 | 24.1 | 25.4 | 25.8 | 26.7 | 26.8 | 25.9 |
| Installation support [1] | 19.1 | 18.8 | 19.3 | 20.2 | 17.5 | 18.0 | 15.7 | 14.4 |
| Weapons support [2] | 7.6 | 7.2 | 7.5 | 7.3 | 6.8 | 7.3 | 6.9 | 5.9 |
| Personnel support [3] | 8.8 | 8.2 | 8.1 | 8.6 | 8.1 | 8.6 | 8.0 | 8.1 |
| Transportation of materiel | 3.9 | 4.1 | 4.1 | 4.2 | 4.2 | 4.6 | 4.6 | 5.4 |
| Travel of persons | 3.7 | 3.9 | 4.0 | 3.8 | 4.0 | 4.0 | 4.1 | 4.5 |
| Other | 0 | –.1 | –.2 | –.6 | .5 | .2 | .3 | .3 |
| **Structures** | **5.7** | **5.0** | **4.9** | **5.3** | **4.8** | **4.7** | **5.1** | **5.2** |
| Military facilities | 3.7 | 3.1 | 3.0 | 3.3 | 3.0 | 2.8 | 3.0 | 3.2 |
| Other | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.9 | 2.1 | 2.1 |

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

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

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Receipts from foreigners [1]** | **552.0** | **626.2** | **628.8** | **623.7** | **642.8** | **661.3** | **659.7** | **662.6** |
| Exports of goods and services [1] | 552.0 | 626.2 | 628.8 | 623.7 | 642.8 | 661.3 | 659.7 | 662.6 |
| Merchandise [2] | 324.2 | 369.9 | 373.2 | 367.3 | 378.7 | 394.2 | 395.0 | 395.8 |
| Durable goods [2] | 208.0 | 240.8 | 241.0 | 241.5 | 247.8 | 258.9 | 263.2 | 262.7 |
| Nondurable goods | 116.2 | 129.2 | 132.2 | 125.7 | 130.9 | 135.3 | 131.8 | 133.1 |
| Services [1] | 227.8 | 256.3 | 255.5 | 256.5 | 264.1 | 267.1 | 264.7 | 266.8 |
| Factor income [3] [4] | 118.7 | 135.2 | 137.2 | 134.0 | 137.6 | 134.7 | 130.5 | 131.1 |
| Other [5] | 109.1 | 121.0 | 118.3 | 122.5 | 126.5 | 132.4 | 134.2 | 135.7 |
| Capital grants received by the United States (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Payments to foreigners [6]** | **552.0** | **626.2** | **628.8** | **623.7** | **642.8** | **661.3** | **659.7** | **662.6** |
| Imports of goods and services [6] | 626.1 | 672.3 | 680.0 | 673.0 | 678.1 | 691.3 | 684.6 | 711.8 |
| Merchandise [2] | 450.1 | 480.9 | 482.1 | 483.2 | 488.0 | 497.8 | 484.1 | 513.5 |
| Durable goods [2] | 295.1 | 309.6 | 308.9 | 309.8 | 310.3 | 306.8 | 307.6 | 321.2 |
| Nondurable goods | 155.0 | 171.3 | 173.1 | 173.4 | 177.6 | 191.0 | 176.5 | 192.3 |
| Services [6] | 175.9 | 191.4 | 198.0 | 189.8 | 190.1 | 193.5 | 200.5 | 198.3 |
| Factor income [3] | 85.2 | 97.7 | 104.7 | 96.8 | 94.7 | 93.1 | 98.9 | 96.3 |
| Other [7] | 90.7 | 93.8 | 93.3 | 93.0 | 95.4 | 100.4 | 101.6 | 102.0 |
| Transfer payments (net) | 15.0 | 14.8 | 12.1 | 14.2 | 18.5 | 14.0 | 19.4 | 14.6 |
| From persons (net) | 1.9 | 1.4 | 1.6 | 1.2 | 1.2 | .9 | .4 | .7 |
| From government (net) | 13.1 | 13.4 | 10.5 | 13.0 | 17.3 | 13.1 | 18.9 | 13.9 |
| Interest paid by government to foreigners | 30.2 | 36.0 | 35.7 | 36.2 | 37.1 | 37.6 | 38.7 | 39.7 |
| Net foreign investment | –119.2 | –96.8 | –99.1 | –99.7 | –90.9 | –81.6 | –82.9 | –103.6 |

1. See footnote 5 and the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
2. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to "other" services.
3. Line 7 less line 16 equals rest-of-the-world product as shown in table 1.7.
4. Estimates beginning with the first quarter of 1986 exclude noninterest income of banks, which was reclassified to "other" services.
5. Estimates beginning with the first quarter of 1986 cover many business, professional, and technical services and incorporate improved measurement of telecommunications services and insurance services; incorporate new source data on travel and passenger fares; cover foreign students' expenditures in the United States; cover repairs and alterations of equipment; and cover noninterest income of banks.
6. See footnote 7 and the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
7. Estimates beginning with the first quarter of 1986 cover many business, professional, and technical services and incorporate improved measurement of telecommunications services and insurance services; incorporate new source data on travel and passenger fares; cover U.S. students' expenditures abroad; cover repairs and alterations of equipment.

### Table 4.2.—Exports and Imports of Goods and Services in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Exports of goods and services [1]** | **534.7** | **593.3** | **593.2** | **592.5** | **611.6** | **628.1** | **620.1** | **622.0** |
| Merchandise [2] | 347.3 | 390.8 | 390.7 | 390.3 | 405.2 | 422.4 | 418.4 | 421.6 |
| Durable goods [2] | 236.1 | 268.9 | 267.6 | 271.0 | 279.0 | 292.8 | 293.4 | 295.6 |
| Nondurable goods | 111.2 | 121.9 | 123.1 | 119.3 | 126.2 | 129.6 | 125.0 | 126.1 |
| Services [1] | 187.4 | 202.6 | 202.5 | 202.2 | 206.4 | 205.7 | 201.7 | 200.3 |
| Factor income [3] [4] | 96.3 | 105.1 | 107.1 | 103.6 | 105.4 | 101.9 | 97.4 | 96.9 |
| Other [5] | 91.1 | 97.5 | 95.4 | 98.5 | 101.0 | 103.9 | 104.3 | 103.4 |
| **Imports of goods and services [6]** | **610.6** | **647.4** | **646.5** | **656.6** | **659.4** | **663.5** | **664.7** | **674.5** |
| Merchandise [2] | 469.4 | 499.3 | 492.4 | 509.8 | 514.3 | 517.8 | 515.2 | 529.5 |
| Durable goods [2] | 282.3 | 302.9 | 299.0 | 307.7 | 312.4 | 308.5 | 310.2 | 323.1 |
| Nondurable goods | 187.2 | 196.4 | 193.4 | 202.2 | 201.9 | 209.3 | 205.0 | 206.4 |
| Services [6] | 141.2 | 148.2 | 154.1 | 146.7 | 145.1 | 145.6 | 149.4 | 145.0 |
| Factor income [3] | 68.0 | 74.9 | 80.7 | 74.0 | 71.6 | 69.5 | 72.9 | 70.3 |
| Other [7] | 73.2 | 73.2 | 73.3 | 72.8 | 73.5 | 76.1 | 76.5 | 74.7 |

1. See footnote 5 and the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
2. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to "other" services.
3. Line 6 less line 13 equals rest-of-the-world product as shown in table 1.8.
4. Estimates beginning with the first quarter of 1986 exclude noninterest income of banks, which was reclassified to "other" services.
5. Estimates beginning with the first quarter of 1986 cover many business, professional, and technical services and incorporate improved measurement of telecommunications services and insurance services; incorporate new source data on travel and passenger fares; cover foreign students' expenditures in the United States; cover repairs and alterations of equipment; and cover noninterest income of banks.
6. See footnote 7 and the box on page 21 of the July 89 SURVEY OF CURRENT BUSINESS.
7. Estimates beginning with the first quarter of 1986 cover many business, professional, and technical services and incorporate improved measurement of telecommunications services and insurance services; incorporate new source data on travel and passenger fares; cover U.S. students' expenditures abroad; cover repairs and alterations of equipment.

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

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Merchandise exports [1 2]** | **324.2** | **369.9** | **373.2** | **367.3** | **378.7** | **394.2** | **395.0** | **395.8** |
| Foods, feeds, and beverages | 33.7 | 36.6 | 37.7 | 33.8 | 35.7 | 38.9 | 36.8 | 35.0 |
| Industrial supplies and materials | 84.1 | 96.0 | 98.8 | 96.3 | 94.9 | 100.5 | 97.8 | 99.4 |
| Durable goods | 28.5 | 34.3 | 34.8 | 34.9 | 34.1 | 35.6 | 35.0 | 35.0 |
| Nondurable goods | 55.6 | 61.7 | 64.0 | 61.5 | 60.8 | 64.8 | 62.7 | 64.4 |
| Capital goods, except autos | 119.0 | 138.0 | 138.4 | 141.1 | 140.8 | 152.9 | 154.2 | 152.4 |
| Autos | 33.9 | 34.7 | 34.3 | 33.0 | 35.6 | 34.7 | 38.5 | 38.8 |
| Consumer goods | 26.9 | 35.4 | 35.0 | 35.0 | 38.0 | 40.7 | 42.0 | 42.9 |
| Durable goods | 13.3 | 19.1 | 19.0 | 18.5 | 20.5 | 22.3 | 22.5 | 22.9 |
| Nondurable goods | 13.6 | 16.3 | 16.0 | 16.5 | 17.5 | 18.4 | 19.5 | 20.0 |
| Other [1 2] | 26.6 | 29.3 | 29.0 | 28.0 | 33.7 | 26.5 | 25.7 | 27.3 |
| Durable goods [1 3] | 13.3 | 14.6 | 14.5 | 14.0 | 16.9 | 13.3 | 12.9 | 13.7 |
| Nondurable goods [3] | 13.3 | 14.6 | 14.5 | 14.0 | 16.9 | 13.3 | 12.9 | 13.7 |
| **Merchandise imports [1]** | **450.1** | **480.9** | **482.1** | **483.2** | **488.0** | **497.8** | **484.1** | **513.5** |
| Foods, feeds, and beverages | 24.9 | 25.1 | 25.2 | 24.7 | 25.0 | 27.8 | 26.8 | 25.8 |
| Industrial supplies and materials, excluding petroleum | 76.5 | 78.3 | 79.0 | 77.1 | 76.9 | 76.6 | 76.7 | 78.8 |
| Durable goods | 40.9 | 42.3 | 43.1 | 41.7 | 41.0 | 38.9 | 38.6 | 40.4 |
| Nondurable goods | 35.6 | 36.0 | 35.9 | 35.4 | 35.8 | 37.7 | 38.1 | 38.4 |
| Petroleum and products | 39.6 | 50.9 | 54.1 | 52.7 | 53.3 | 62.4 | 48.7 | 62.5 |
| Capital goods, except autos | 102.2 | 113.1 | 114.0 | 113.1 | 116.5 | 115.7 | 115.6 | 119.5 |
| Autos | 87.9 | 86.0 | 84.5 | 85.4 | 83.0 | 83.9 | 84.9 | 90.4 |
| Consumer goods | 96.4 | 102.8 | 101.3 | 104.9 | 106.4 | 103.4 | 103.3 | 108.2 |
| Durable goods | 52.8 | 55.8 | 55.4 | 57.0 | 56.4 | 54.3 | 54.4 | 56.8 |
| Nondurable goods | 43.6 | 47.0 | 46.0 | 47.9 | 50.0 | 49.1 | 49.0 | 51.4 |
| Other [1] | 22.5 | 24.7 | 23.9 | 25.4 | 26.9 | 28.1 | 28.1 | 28.3 |
| Durable goods [1 3] | 11.3 | 12.4 | 12.0 | 12.7 | 13.4 | 14.0 | 14.0 | 14.2 |
| Nondurable goods [3] | 11.3 | 12.4 | 12.0 | 12.7 | 13.4 | 14.0 | 14.0 | 14.2 |
| **Addenda:** | | | | | | | | |
| Exports of agricultural products [4] | 38.2 | 41.5 | 42.7 | 39.7 | 40.9 | 43.8 | 41.3 | 40.3 |
| Exports of nonagricultural products | 285.9 | 328.5 | 330.5 | 327.6 | 337.8 | 350.4 | 353.7 | 355.5 |
| Imports of nonpetroleum products | 410.5 | 430.0 | 428.0 | 430.5 | 434.7 | 435.4 | 435.5 | 451.0 |

1. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to services other than factor income.
2. Beginning with 1987, reexports—that is, exports of foreign merchandise—are assigned to end-use categories in the same manner as exports of domestic merchandise. For earlier periods, all reexports are included in the "other" categories.
3. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods prior to 1986, or to distribute imports of "other" merchandise for all time periods, estimates were distributed equally.
4. Includes parts of line 2 and line 5.

NOTE.—Beginning with 1985, the definitions of the end-use categories have been changed. For a description of the new definitions, see the technical notes in "U.S. International Transactions, First Quarter 1988," SURVEY OF CURRENT BUSINESS 68 (June 1988): 34-39 and 57.

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

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Merchandise exports [1 2]** | **347.3** | **390.8** | **390.7** | **390.3** | **405.2** | **422.4** | **418.4** | **421.6** |
| Foods, feeds, and beverages | 33.9 | 35.8 | 36.0 | 33.7 | 37.2 | 40.1 | 36.9 | 36.5 |
| Industrial supplies and materials | 80.8 | 92.2 | 93.8 | 92.8 | 92.4 | 97.2 | 95.2 | 95.5 |
| Durable goods | 27.4 | 32.8 | 33.0 | 33.2 | 32.9 | 34.4 | 34.1 | 33.8 |
| Nondurable goods | 53.4 | 59.4 | 60.8 | 59.6 | 59.5 | 62.8 | 61.1 | 61.7 |
| Capital goods, except autos | 154.7 | 176.4 | 175.4 | 180.6 | 182.6 | 197.6 | 196.1 | 197.4 |
| Autos | 29.2 | 28.9 | 28.7 | 27.4 | 29.2 | 28.4 | 31.4 | 31.6 |
| Consumer goods | 24.2 | 30.9 | 30.6 | 30.5 | 33.1 | 35.2 | 35.8 | 36.4 |
| Durable goods | 12.5 | 17.6 | 17.4 | 17.1 | 18.9 | 20.4 | 20.3 | 20.6 |
| Nondurable goods | 11.7 | 13.4 | 13.2 | 13.4 | 14.2 | 14.8 | 15.5 | 15.8 |
| Other [1 2] | 24.6 | 26.5 | 26.2 | 25.4 | 30.7 | 23.9 | 23.0 | 24.4 |
| Durable goods [1 3] | 12.3 | 13.3 | 13.1 | 12.7 | 15.4 | 12.0 | 11.5 | 12.2 |
| Nondurable goods [3] | 12.3 | 13.3 | 13.1 | 12.7 | 15.4 | 12.0 | 11.5 | 12.2 |
| **Merchandise imports [1]** | **469.4** | **499.3** | **492.4** | **509.8** | **514.3** | **517.8** | **515.2** | **529.5** |
| Foods, feeds, and beverages | 22.7 | 23.9 | 23.1 | 24.4 | 24.9 | 26.4 | 25.6 | 24.2 |
| Industrial supplies and materials, excluding petroleum | 73.7 | 72.3 | 72.1 | 71.6 | 72.7 | 72.2 | 72.3 | 74.7 |
| Durable goods | 39.5 | 39.2 | 39.1 | 39.0 | 39.2 | 37.9 | 37.0 | 38.9 |
| Nondurable goods | 34.2 | 33.1 | 32.9 | 32.6 | 33.5 | 34.3 | 35.2 | 35.8 |
| Petroleum and products | 86.9 | 93.8 | 92.9 | 98.5 | 95.0 | 100.8 | 96.9 | 97.5 |
| Capital goods, except autos | 122.5 | 143.7 | 141.1 | 146.9 | 154.9 | 153.3 | 154.3 | 159.6 |
| Autos | 66.5 | 63.8 | 63.1 | 64.0 | 61.0 | 61.8 | 63.3 | 66.8 |
| Consumer goods | 78.2 | 81.5 | 80.4 | 83.3 | 83.5 | 80.4 | 79.8 | 83.5 |
| Durable goods | 44.3 | 46.1 | 45.9 | 47.2 | 46.2 | 44.0 | 44.0 | 46.3 |
| Nondurable goods | 33.9 | 35.4 | 34.6 | 36.1 | 37.3 | 36.3 | 35.7 | 37.2 |
| Other [1] | 18.9 | 20.4 | 19.7 | 21.1 | 22.3 | 23.0 | 23.1 | 23.1 |
| Durable goods [1 3] | 9.5 | 10.2 | 9.8 | 10.5 | 11.1 | 11.5 | 11.5 | 11.6 |
| Nondurable goods [3] | 9.5 | 10.2 | 9.8 | 10.5 | 11.1 | 11.5 | 11.5 | 11.6 |
| **Addenda:** | | | | | | | | |
| Exports of agricultural products [4] | 37.7 | 39.6 | 39.9 | 38.0 | 40.8 | 43.4 | 39.9 | 40.2 |
| Exports of nonagricultural products | 309.6 | 351.2 | 350.8 | 352.3 | 364.3 | 379.0 | 378.5 | 381.5 |
| Imports of nonpetroleum products | 382.5 | 405.5 | 399.5 | 411.4 | 419.3 | 417.1 | 418.3 | 431.9 |

1. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to services other than factor income.
2. Beginning with 1987, reexports—that is, exports of foreign merchandise—are assigned to end-use categories in the same manner as exports of domestic merchandise. For earlier periods, all reexports are included in the "other" categories.
3. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods prior to 1986, or to distribute imports of "other" merchandise for all time periods, estimates were distributed equally.
4. Includes parts of line 2 and line 5.

NOTE.—Beginning with 1985, the definitions of the end-use categories have been changed. For a description of the new definitions, see the technical notes in "U.S. International Transactions, First Quarter 1988," SURVEY OF CURRENT BUSINESS 68 (June 1988): 34-39 and 57.

## Table 5.1.—Gross Saving and Investment

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross saving** | **656.1** | **691.5** | **697.9** | **692.4** | **674.8** | **664.8** | **679.3** | ..... |
| **Gross private saving** | **751.3** | **779.3** | **770.3** | **776.0** | **786.4** | **795.0** | **806.7** | ..... |
| Personal saving | 145.6 | 171.8 | 168.9 | 154.5 | 174.1 | 191.3 | 195.1 | 159.4 |
| Undistributed corporate profits with inventory valuation and capital consumption adjustments | 91.4 | 53.0 | 58.5 | 53.9 | 39.8 | 36.7 | 40.5 | ..... |
| Undistributed profits | 70.5 | 49.1 | 51.7 | 38.6 | 38.6 | 36.8 | 33.2 | ..... |
| Inventory valuation adjustment | −27.0 | −21.7 | −23.1 | −6.1 | −14.5 | −11.4 | −.5 | −30.6 |
| Capital consumption adjustment | 47.8 | 25.5 | 29.9 | 21.4 | 15.6 | 11.3 | 7.7 | 2.3 |
| Corporate capital consumption allowances with capital consumption adjustment | 322.1 | 346.4 | 341.1 | 351.6 | 356.5 | 356.7 | 359.7 | 365.2 |
| Noncorporate capital consumption allowances with capital consumption adjustment | 192.2 | 208.0 | 201.8 | 215.9 | 216.0 | 210.3 | 211.4 | 213.6 |
| Wage accruals less disbursements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Government surplus or deficit (−), national income and product accounts** | **−95.3** | **−87.8** | **−72.4** | **−83.6** | **−111.6** | **−130.2** | **−127.3** | ..... |
| Federal | −141.7 | −134.3 | −122.7 | −131.7 | −150.1 | −168.3 | −166.0 | ..... |
| State and local | 46.5 | 46.4 | 50.3 | 48.1 | 38.5 | 38.1 | 38.6 | ..... |
| **Capital grants received by the United States (net)** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Gross investment** | **627.8** | **674.4** | **677.6** | **676.1** | **671.8** | **665.6** | **676.1** | **656.1** |
| Gross private domestic investment | 747.1 | 771.2 | 776.7 | 775.8 | 762.7 | 747.2 | 759.0 | 759.6 |
| Net foreign investment | −119.2 | −96.8 | −99.1 | −99.7 | −90.9 | −81.6 | −82.9 | −103.6 |
| **Statistical discrepancy** | **−28.2** | **−17.0** | **−20.3** | **−16.2** | **−3.0** | **.7** | **−3.2** | ..... |

### Table 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Change in business inventories** | **26.2** | **28.3** | **32.7** | **28.9** | **25.0** | **-11.8** | **13.4** | **8.8** |
| Farm | -3.6 | 5.0 | 6.6 | 2.6 | .9 | 5.3 | .5 | 1.0 |
| Nonfarm | 29.8 | 23.3 | 26.1 | 26.2 | 24.1 | -17.0 | 13.0 | 7.8 |
| Change in book value | 66.2 | 51.9 | 55.7 | 35.1 | 43.8 | -1.3 | 14.1 | 49.8 |
| Inventory valuation adjustment [1] | -36.4 | -28.6 | -29.6 | -8.9 | -19.7 | -15.7 | -1.1 | -42.0 |
| Manufacturing | 8.1 | 5.0 | 8.5 | 14.2 | -5.3 | .3 | -3.5 | .1 |
| Durable goods | 7.3 | 5.3 | 3.9 | 9.3 | .1 | -3.4 | -4.9 | .3 |
| Nondurable goods | .8 | -.4 | 4.6 | 4.9 | -5.4 | 3.6 | 1.4 | -.2 |
| Wholesale trade | 7.1 | 2.3 | 8.6 | 2.4 | 5.9 | -.4 | 3.2 | 3.0 |
| Durable goods | 5.9 | 2.6 | 8.3 | .6 | 2.7 | 1.9 | .1 | 5.7 |
| Nondurable goods | 1.2 | -.3 | .4 | 1.8 | 3.2 | -2.2 | 3.1 | -2.7 |
| Merchant wholesalers | 6.3 | 3.1 | 8.7 | -.3 | 10.8 | -2.6 | 1.9 | 2.8 |
| Durable goods | 5.2 | 2.8 | 8.8 | -1.8 | 4.8 | 2.1 | 0 | 5.3 |
| Nondurable goods | 1.1 | .3 | -.1 | 1.5 | 6.0 | -4.7 | 1.9 | -2.5 |
| Nonmerchant wholesalers | .8 | -.8 | -.1 | 2.8 | -4.9 | 2.3 | 1.3 | .2 |
| Durable goods | .7 | -.1 | -.6 | 2.4 | -2.1 | -.2 | .2 | .4 |
| Nondurable goods | .1 | -.6 | .5 | .3 | -2.8 | 2.5 | 1.1 | -.2 |
| Retail trade | 6.8 | 8.1 | 4.3 | -.5 | 14.6 | -30.8 | 9.2 | 3.6 |
| Durable goods | 4.7 | 2.2 | -3.5 | -6.1 | 6.9 | -24.6 | 6.5 | 2.6 |
| Automotive | 2.4 | 2.8 | -2.8 | -8.5 | 8.6 | -26.9 | 3.4 | 3.1 |
| Other | 2.3 | -.6 | -.7 | 2.4 | -1.8 | 2.4 | 3.1 | -.5 |
| Nondurable goods | 2.1 | 5.9 | 7.9 | 5.6 | 7.7 | -6.2 | 2.7 | 1.0 |
| Other | 7.8 | 7.9 | 4.6 | 10.1 | 8.9 | 13.9 | 4.1 | 1.1 |
| Durable goods | 1.9 | 1.8 | -.2 | 2.8 | 3.6 | 4.5 | -1.7 | -1.7 |
| Nondurable goods | 5.9 | 6.2 | 4.9 | 7.3 | 5.4 | 9.4 | 5.8 | 2.8 |

1. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (first-in, first-out; last-in, first-out; etc.) underlying book value inventories derived primarily from Census Bureau statistics. This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

### Table 5.9.—Change in Business Inventories by Industry in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Change in business inventories** | **23.6** | **23.8** | **25.5** | **24.6** | **18.9** | **-2.2** | **9.5** | **7.8** |
| Farm | -2.9 | 5.0 | 4.0 | 2.9 | 3.6 | 6.0 | -2.1 | -.4 |
| Nonfarm | 26.5 | 18.7 | 21.5 | 21.7 | 15.3 | -8.2 | 11.6 | 8.2 |
| Manufacturing | 7.1 | 3.8 | 7.2 | 11.7 | -5.7 | 1.7 | -2.6 | .2 |
| Durable goods | 6.7 | 4.2 | 2.9 | 7.9 | -.5 | -2.9 | -4.3 | .4 |
| Nondurable goods | .3 | -.4 | 4.2 | 3.8 | -5.2 | 4.7 | 1.7 | -.2 |
| Wholesale trade | 6.6 | 1.3 | 6.8 | 1.8 | 2.0 | 2.0 | 2.9 | 3.9 |
| Durable goods | 5.3 | 2.3 | 7.4 | .3 | 2.0 | 2.0 | 0 | 4.9 |
| Nondurable goods | 1.3 | -1.0 | -.7 | 1.5 | 0 | .1 | 2.9 | -.9 |
| Merchant wholesalers | 6.0 | 2.5 | 7.1 | -.7 | 7.7 | -1.1 | 1.2 | 3.6 |
| Durable goods | 4.7 | 2.4 | 8.0 | -1.9 | 3.8 | 2.1 | -.2 | 4.5 |
| Nondurable goods | 1.4 | 0 | -.9 | 1.2 | 3.8 | -3.2 | 1.4 | -1.0 |
| Nonmerchant wholesalers | .5 | -1.2 | -.4 | 2.5 | -5.7 | 3.1 | 1.7 | .4 |
| Durable goods | .6 | -.1 | -.5 | 2.2 | -1.9 | -.1 | .2 | .3 |
| Nondurable goods | -.1 | -1.0 | .2 | .3 | -3.8 | 3.2 | 1.5 | 0 |
| Retail trade | 6.0 | 6.9 | 3.7 | -.4 | 12.2 | -25.6 | 7.6 | 3.1 |
| Durable goods | 4.1 | 1.9 | -3.0 | -5.1 | 5.8 | -20.5 | 5.4 | 2.2 |
| Automotive | 2.0 | 2.4 | -2.4 | -7.2 | 7.3 | -22.6 | 2.8 | 2.6 |
| Other | 2.1 | -.5 | -.6 | 2.1 | -1.5 | 2.1 | 2.6 | -.4 |
| Nondurable goods | 1.9 | 5.0 | 6.7 | 4.7 | 6.4 | -5.1 | 2.2 | .9 |
| Other | 6.9 | 6.8 | 3.9 | 8.6 | 6.9 | 13.7 | 3.7 | 1.0 |
| Durable goods | 1.6 | 1.5 | -.2 | 2.3 | 3.0 | 3.8 | -1.4 | -1.5 |
| Nondurable goods | 5.3 | 5.3 | 4.1 | 6.3 | 3.9 | 9.9 | 5.1 | 2.4 |

### Table 5.10.—Inventories and Final Sales of Business by Industry

[Billions of dollars]

| | Seasonally adjusted quarterly totals | | | | | |
|---|---|---|---|---|---|---|
| | 1989 | | | 1990 | | |
| | II | III | IV | I | II | III |
| **Inventories [1]** | **1,028.1** | **1,036.5** | **1,050.8** | **1,049.4** | **1,049.3** | **1,069.0** |
| Farm | 74.9 | 74.5 | 77.9 | 79.4 | 79.1 | 77.6 |
| Nonfarm | 953.2 | 962.0 | 972.9 | 970.0 | 970.2 | 991.4 |
| Durable goods | 560.0 | 563.9 | 567.1 | 563.3 | 562.0 | 567.4 |
| Nondurable goods | 393.2 | 398.1 | 405.8 | 406.7 | 408.2 | 424.0 |
| Manufacturing | 379.3 | 383.1 | 382.7 | 382.5 | 377.8 | 387.7 |
| Durable goods | 253.1 | 256.1 | 255.4 | 255.4 | 252.5 | 254.6 |
| Nondurable goods | 126.2 | 127.0 | 127.3 | 127.1 | 125.4 | 133.1 |
| Wholesale trade | 222.5 | 223.8 | 226.6 | 227.3 | 228.2 | 233.0 |
| Durable goods | 144.1 | 145.0 | 146.0 | 147.0 | 147.1 | 149.4 |
| Nondurable goods | 78.5 | 78.7 | 80.6 | 80.4 | 81.1 | 83.7 |
| Merchant wholesalers | 194.6 | 195.1 | 198.8 | 199.2 | 200.2 | 203.2 |
| Durable goods | 127.7 | 128.0 | 129.5 | 130.4 | 130.7 | 132.8 |
| Nondurable goods | 66.9 | 67.1 | 69.3 | 68.8 | 69.5 | 70.4 |
| Nonmerchant wholesalers | 27.9 | 28.7 | 27.8 | 28.1 | 28.0 | 29.8 |
| Durable goods | 16.4 | 17.1 | 16.5 | 16.5 | 16.4 | 16.6 |
| Nondurable goods | 11.5 | 11.6 | 11.3 | 11.6 | 11.6 | 13.2 |
| Retail trade | 231.1 | 232.0 | 238.0 | 231.6 | 234.5 | 237.6 |
| Durable goods | 118.4 | 117.4 | 119.8 | 113.8 | 115.6 | 117.0 |
| Automotive | 62.3 | 60.4 | 63.0 | 56.1 | 57.2 | 58.5 |
| Other | 56.2 | 57.0 | 56.8 | 57.6 | 58.5 | 58.5 |
| Nondurable goods | 112.7 | 114.5 | 118.2 | 117.8 | 118.9 | 120.6 |
| Other | 120.3 | 123.1 | 125.6 | 128.6 | 129.6 | 133.0 |
| **Final sales [2]** | **364.2** | **368.4** | **371.5** | **380.3** | **383.3** | **388.2** |
| **Final sales of goods and structures [2]** | **208.5** | **209.7** | **209.7** | **216.3** | **216.3** | **217.6** |
| **Ratio of inventories to final sales** | | | | | | |
| Inventories to final sales | 2.82 | 2.81 | 2.83 | 2.76 | 2.74 | 2.75 |
| Nonfarm inventories to final sales | 2.62 | 2.61 | 2.62 | 2.55 | 2.53 | 2.55 |
| Nonfarm inventories to final sales of goods and structures | 4.57 | 4.59 | 4.64 | 4.48 | 4.49 | 4.56 |

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current- dollar change in business inventories (CBI) component of GNP. The former is the difference between two inventory stocks, each valued at their respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas CBI is stated at annual rates.

2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

### Table 5.11.—Inventories and Final Sales of Business by Industry in Constant Dollars

[Billions of 1982 dollars]

| | Seasonally adjusted quarterly totals | | | | | |
|---|---|---|---|---|---|---|
| | 1989 | | | 1990 | | |
| | II | III | IV | I | II | III |
| **Inventories [1]** | **898.3** | **904.4** | **909.1** | **908.6** | **911.0** | **912.9** |
| Farm | 67.4 | 68.1 | 69.0 | 70.5 | 70.0 | 69.9 |
| Nonfarm | 830.9 | 836.3 | 840.2 | 838.1 | 841.0 | 843.1 |
| Durable goods | 478.8 | 480.2 | 482.7 | 478.3 | 478.2 | 479.7 |
| Nondurable goods | 352.1 | 356.2 | 357.4 | 359.8 | 362.8 | 363.3 |
| Manufacturing | 332.1 | 335.0 | 333.6 | 334.0 | 333.4 | 333.4 |
| Durable goods | 217.8 | 219.8 | 219.7 | 219.0 | 217.9 | 218.0 |
| Nondurable goods | 114.2 | 115.2 | 113.9 | 115.0 | 115.5 | 115.4 |
| Wholesale trade | 192.7 | 193.2 | 193.7 | 194.2 | 194.9 | 195.9 |
| Durable goods | 122.5 | 122.6 | 123.1 | 123.6 | 123.6 | 124.8 |
| Nondurable goods | 70.2 | 70.6 | 70.6 | 70.6 | 71.4 | 71.1 |
| Merchant wholesalers | 167.0 | 166.8 | 168.7 | 168.4 | 168.7 | 169.6 |
| Durable goods | 108.5 | 108.0 | 109.0 | 109.5 | 109.5 | 110.6 |
| Nondurable goods | 58.5 | 58.8 | 59.7 | 58.9 | 59.3 | 59.0 |
| Nonmerchant wholesalers | 25.8 | 26.4 | 25.0 | 25.8 | 26.2 | 26.3 |
| Durable goods | 14.0 | 14.5 | 14.1 | 14.0 | 14.1 | 14.2 |
| Nondurable goods | 11.8 | 11.9 | 10.9 | 11.7 | 12.1 | 12.1 |
| Retail trade | 196.3 | 196.2 | 199.3 | 192.9 | 194.8 | 195.6 |
| Durable goods | 101.4 | 100.1 | 101.5 | 96.4 | 97.8 | 98.3 |
| Automotive | 52.8 | 51.0 | 52.8 | 47.2 | 47.9 | 48.5 |
| Other | 48.6 | 49.1 | 48.7 | 49.2 | 49.9 | 49.8 |
| Nondurable goods | 95.0 | 96.1 | 97.7 | 96.5 | 97.0 | 97.2 |
| Other | 109.7 | 111.9 | 113.6 | 117.0 | 117.9 | 118.2 |
| **Final sales [2]** | **294.4** | **295.3** | **295.5** | **298.5** | **298.1** | **299.4** |
| **Final sales of goods and structures [2]** | **182.0** | **181.8** | **181.2** | **184.1** | **182.8** | **182.8** |
| **Ratio of inventories to final sales** | | | | | | |
| Inventories to final sales | 3.05 | 3.06 | 3.08 | 3.04 | 3.06 | 3.05 |
| Nonfarm inventories to final sales | 2.82 | 2.83 | 2.84 | 2.81 | 2.82 | 2.82 |
| Nonfarm inventories to final sales of goods and structures | 4.57 | 4.60 | 4.64 | 4.55 | 4.60 | 4.61 |

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 GNP is stated at annual rates.

2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

### Table 5.12.—Fixed Investment by Type

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Fixed investment** | **720.8** | **742.9** | **744.0** | **746.9** | **737.7** | **758.9** | **745.6** | **750.9** |
| **Nonresidential** | **488.4** | **511.9** | **511.4** | **518.1** | **511.8** | **523.1** | **516.5** | **530.1** |
| **Structures** | **139.9** | **146.2** | **144.2** | **147.0** | **147.1** | **148.8** | **147.2** | **150.2** |
| Nonresidential buildings, excluding farm | 97.8 | 104.3 | 102.5 | 106.0 | 104.5 | 104.9 | 104.6 | 106.6 |
| Public utilities | 24.7 | 25.7 | 26.0 | 24.8 | 24.9 | 25.4 | 25.8 | 26.0 |
| Mining exploration, shafts, and wells | 12.9 | 11.1 | 10.8 | 11.1 | 12.0 | 12.4 | 10.9 | 11.2 |
| Other | 4.5 | 5.1 | 4.8 | 5.1 | 5.7 | 6.1 | 5.9 | 6.4 |
| **Producers' durable equipment** | **348.4** | **365.7** | **367.2** | **371.0** | **364.7** | **374.3** | **369.3** | **379.9** |
| Information processing and related equipment | 110.3 | 116.0 | 116.9 | 116.4 | 118.2 | 120.4 | 118.6 | 119.7 |
| Industrial equipment | 83.4 | 93.1 | 92.1 | 93.3 | 93.8 | 95.1 | 90.6 | 92.4 |
| Transportation and related equipment | 79.1 | 76.2 | 77.9 | 80.4 | 70.7 | 77.9 | 79.4 | 86.6 |
| Other | 75.6 | 80.4 | 80.4 | 80.8 | 82.0 | 80.9 | 80.7 | 81.2 |
| **Residential** | **232.5** | **231.0** | **232.7** | **228.9** | **225.9** | **235.9** | **229.1** | **220.8** |
| Single-family structures | 116.5 | 116.7 | 117.7 | 114.4 | 113.8 | 122.6 | 115.1 | 107.9 |
| Multifamily structures | 23.3 | 23.3 | 24.1 | 23.9 | 21.6 | 20.8 | 20.9 | 20.0 |
| Other | 92.6 | 90.9 | 90.9 | 90.6 | 90.5 | 92.4 | 93.1 | 92.9 |

### Table 5.13.—Fixed Investment by Type in Constant Dollars

[Billions of 1982 dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Fixed investment** | **682.1** | **693.1** | **693.6** | **697.7** | **690.2** | **702.9** | **691.2** | **692.9** |
| **Nonresidential** | **487.2** | **506.1** | **505.5** | **513.3** | **508.4** | **514.6** | **508.4** | **517.6** |
| **Structures** | **122.4** | **122.4** | **120.6** | **122.7** | **123.1** | **123.8** | **120.9** | **122.4** |
| Nonresidential buildings, excluding farm | 78.9 | 81.2 | 80.0 | 82.3 | 80.6 | 80.2 | 79.7 | 80.6 |
| Public utilities | 21.8 | 21.3 | 21.7 | 20.4 | 20.2 | 20.5 | 20.7 | 20.7 |
| Mining exploration, shafts, and wells | 18.0 | 15.7 | 15.0 | 15.9 | 17.7 | 18.2 | 15.8 | 16.1 |
| Other | 3.7 | 4.1 | 3.9 | 4.2 | 4.6 | 4.9 | 4.7 | 5.1 |
| **Producers' durable equipment** | **364.8** | **383.7** | **384.9** | **390.6** | **385.4** | **390.8** | **387.5** | **395.2** |
| Information processing and related equipment | 162.4 | 179.0 | 178.8 | 181.9 | 186.0 | 188.4 | 188.1 | 188.9 |
| Industrial equipment | 69.5 | 74.9 | 74.5 | 74.8 | 74.6 | 74.4 | 70.6 | 71.3 |
| Transportation and related equipment | 68.5 | 63.8 | 65.3 | 67.8 | 58.2 | 63.3 | 64.4 | 70.3 |
| Other | 64.4 | 66.1 | 66.4 | 66.1 | 66.5 | 64.7 | 64.5 | 64.6 |
| **Residential** | **194.9** | **187.0** | **188.1** | **184.4** | **181.8** | **188.3** | **182.8** | **175.3** |
| Single-family structures | 96.8 | 93.5 | 94.1 | 91.2 | 90.6 | 96.9 | 91.1 | 84.6 |
| Multifamily structures | 19.4 | 18.7 | 19.3 | 19.0 | 17.2 | 16.4 | 16.6 | 15.6 |
| Other | 78.7 | 74.8 | 74.7 | 74.1 | 74.0 | 75.0 | 75.2 | 75.0 |

### Table 6.3B.—National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **National income without capital consumption adjustment** | **3,957.2** | **4,228.5** | **4,213.4** | **4,247.6** | **4,287.6** | **4,371.0** | **4,435.4** | ..... |
| **Domestic industries** | **3,923.7** | **4,190.9** | **4,180.8** | **4,210.4** | **4,244.8** | **4,329.3** | **4,403.8** | ..... |
| **Private industries** | **3,357.5** | **3,584.9** | **3,579.1** | **3,600.6** | **3,625.9** | **3,694.9** | **3,758.8** | ..... |
| Agriculture, forestry, and fisheries | 94.7 | 101.0 | 102.6 | 91.7 | 98.7 | 111.0 | 104.5 | ..... |
| Mining | 35.2 | 36.4 | 36.4 | 36.5 | 37.4 | 39.3 | 40.4 | ..... |
| Construction | 215.8 | 225.1 | 223.8 | 224.7 | 227.8 | 232.1 | 227.7 | ..... |
| Manufacturing | 782.2 | 803.8 | 805.4 | 811.0 | 793.8 | 800.6 | 819.8 | ..... |
| Durable goods | 453.7 | 465.6 | 467.4 | 467.9 | 458.3 | 464.8 | 471.5 | ..... |
| Nondurable goods | 328.6 | 338.2 | 337.9 | 343.1 | 335.6 | 335.8 | 348.4 | ..... |
| Transportation and public utilities | 298.2 | 314.2 | 317.6 | 313.9 | 314.6 | 322.8 | 328.3 | ..... |
| Transportation | 131.2 | 136.6 | 137.4 | 137.0 | 136.4 | 140.8 | 144.8 | ..... |
| Communication | 80.3 | 87.4 | 88.4 | 85.4 | 89.8 | 91.1 | 91.9 | ..... |
| Electric, gas, and sanitary services | 86.8 | 90.2 | 91.7 | 91.5 | 88.4 | 90.9 | 91.7 | ..... |
| Wholesale trade | 228.6 | 247.4 | 245.4 | 249.2 | 255.8 | 256.5 | 260.4 | ..... |
| Retail trade | 340.9 | 360.1 | 357.6 | 365.2 | 366.3 | 372.4 | 381.5 | ..... |
| Finance, insurance, and real estate | 562.0 | 613.8 | 615.6 | 615.5 | 621.6 | 630.6 | 643.6 | ..... |
| Services | 799.9 | 883.0 | 874.8 | 892.9 | 910.0 | 929.6 | 952.5 | ..... |
| **Government and government enterprises** | **566.2** | **606.0** | **601.8** | **609.8** | **618.9** | **634.4** | **645.0** | ..... |
| **Rest of the world** | **33.5** | **37.6** | **32.6** | **37.2** | **42.8** | **41.6** | **31.6** | **34.8** |

### Table 6.18B.—Corporate Profits by Industry

[Billions of dollars]

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Corporate profits with inventory valuation and capital consumption adjustments** | **337.6** | **311.6** | **321.4** | **306.7** | **290.9** | **296.8** | **306.6** | ..... |
| **Domestic industries** | **294.3** | **260.7** | **274.8** | **257.5** | **234.0** | **243.9** | **257.6** | ..... |
| Financial | 28.3 | 19.7 | 26.2 | 13.1 | 10.3 | 19.3 | 21.8 | ..... |
| Nonfinancial | 266.0 | 241.0 | 248.6 | 244.4 | 223.8 | 224.5 | 235.8 | ..... |
| **Rest of the world** | **43.3** | **50.9** | **46.6** | **49.3** | **56.9** | **52.9** | **48.9** | ..... |
| **Corporate profits with inventory valuation adjustment** | **289.8** | **286.1** | **291.5** | **285.3** | **275.3** | **285.5** | **298.8** | ..... |
| **Domestic industries** | **246.5** | **235.2** | **244.9** | **236.0** | **218.4** | **232.6** | **249.9** | ..... |
| Financial | 22.4 | 15.4 | 21.6 | 9.2 | 6.9 | 16.1 | 18.2 | ..... |
| Federal Reserve banks | 18.1 | 20.7 | 21.1 | 20.5 | 20.8 | 20.8 | 21.1 | ..... |
| Other | 4.3 | −5.2 | .5 | −11.3 | −13.9 | −4.7 | −2.9 | ..... |
| Nonfinancial | 224.1 | 219.8 | 223.4 | 226.9 | 211.5 | 216.5 | 231.7 | ..... |
| Manufacturing | 106.5 | 96.1 | 98.9 | 99.9 | 83.7 | 90.1 | 100.8 | ..... |
| Durable goods | 42.8 | 37.1 | 39.6 | 37.4 | 30.2 | 37.4 | 39.5 | ..... |
| Primary metal industries | 6.3 | 6.2 | 7.0 | 7.0 | 4.3 | 4.9 | 5.4 | ..... |
| Fabricated metal products | 6.3 | 6.7 | 7.2 | 7.2 | 4.6 | 6.4 | 6.0 | ..... |
| Machinery, except electrical | 7.0 | 4.7 | 5.0 | 5.0 | 5.7 | 7.3 | 7.9 | ..... |
| Electric and electronic equipment | 6.7 | 7.4 | 7.6 | 6.0 | 8.9 | 8.6 | 7.8 | ..... |
| Motor vehicles and equipment | 1.5 | −1.9 | −1.4 | −2.7 | −5.8 | −7.2 | −4.3 | ..... |
| Other | 14.9 | 13.9 | 14.2 | 15.1 | 12.6 | 17.4 | 16.7 | ..... |
| Nondurable goods | 63.7 | 59.0 | 59.2 | 62.4 | 53.5 | 52.7 | 61.3 | ..... |
| Food and kindred products | 14.5 | 14.0 | 14.0 | 13.3 | 12.4 | 10.9 | 15.3 | ..... |
| Chemicals and allied products | 21.9 | 21.7 | 22.8 | 21.6 | 20.1 | 21.9 | 22.7 | ..... |
| Petroleum and coal products | 4.4 | .3 | −1.6 | 3.9 | −.1 | 1.0 | 3.7 | ..... |
| Other | 22.9 | 23.1 | 24.1 | 23.6 | 21.1 | 18.9 | 19.6 | ..... |
| Transportation and public utilities | 44.1 | 43.6 | 46.2 | 42.9 | 40.2 | 41.5 | 41.9 | ..... |
| Wholesale and retail trade | 37.1 | 38.7 | 37.6 | 41.4 | 41.9 | 39.2 | 44.4 | ..... |
| Other | 36.4 | 41.4 | 40.7 | 42.7 | 45.7 | 45.7 | 44.6 | ..... |
| **Rest of the world** | **43.3** | **50.9** | **46.6** | **49.3** | **56.9** | **52.9** | **48.9** | ..... |

**Table 7.1.—Fixed-Weighted Price Indexes for Gross National Product, 1982 Weights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **123.9** | **129.5** | **129.0** | **130.0** | **131.2** | **133.3** | **134.6** | **136.0** |
| **Personal consumption expenditures** | **125.6** | **131.6** | **131.3** | **132.1** | **133.7** | **136.1** | **137.1** | **139.1** |
| Durable goods | 111.9 | 114.3 | 113.9 | 114.4 | 115.2 | 116.4 | 116.5 | 116.7 |
| Nondurable goods | 117.3 | 123.9 | 124.3 | 124.4 | 125.7 | 129.7 | 130.3 | 132.8 |
| Services | 135.2 | 141.7 | 140.8 | 142.3 | 144.2 | 145.7 | 147.3 | 149.3 |
| **Gross private domestic investment** | | | | | | | | |
| Fixed investment | 111.2 | 115.0 | 114.8 | 115.3 | 116.1 | 117.3 | 117.6 | 118.3 |
| Nonresidential | 109.0 | 112.6 | 112.3 | 112.9 | 113.8 | 115.0 | 115.5 | 116.1 |
| Structures | 107.1 | 110.3 | 110.3 | 110.5 | 110.9 | 111.6 | 112.2 | 112.9 |
| Producers' durable equipment | 110.2 | 114.1 | 113.6 | 114.4 | 115.7 | 117.2 | 117.6 | 118.1 |
| Residential | 119.1 | 123.3 | 123.5 | 123.9 | 124.1 | 125.1 | 125.2 | 125.9 |
| Change in business inventories | | | | | | | | |
| **Net exports of goods and services** | | | | | | | | |
| Exports | 111.3 | 114.4 | 114.5 | 114.5 | 114.4 | 115.9 | 116.7 | 117.8 |
| Imports | 105.8 | 109.5 | 110.5 | 108.8 | 109.9 | 112.3 | 110.0 | 114.0 |
| **Government purchases of goods and services** | **124.7** | **130.6** | **130.2** | **131.0** | **132.1** | **134.4** | **135.5** | **136.9** |
| Federal | 117.4 | 122.4 | 122.2 | 122.5 | 123.0 | 125.8 | 126.5 | 127.3 |
| National defense | 117.4 | 121.8 | 121.8 | 121.8 | 122.3 | 125.6 | 126.0 | 127.0 |
| Nondefense | 117.6 | 123.9 | 123.4 | 124.1 | 124.9 | 126.6 | 127.6 | 127.9 |
| State and local | 130.1 | 136.7 | 136.1 | 137.3 | 138.9 | 140.8 | 142.1 | 144.1 |
| **Addenda:** | | | | | | | | |
| Final sales | 123.7 | 129.3 | 128.9 | 129.9 | 131.1 | 133.2 | 134.4 | 135.8 |
| Personal consumption expenditures, food | 122.2 | 129.2 | 129.0 | 129.8 | 131.4 | 135.8 | 136.1 | 137.5 |
| Personal consumption expenditures, energy | 92.5 | 97.8 | 100.2 | 98.3 | 98.3 | 102.3 | 100.6 | 105.5 |
| Other personal consumption expenditures | 130.6 | 136.4 | 135.7 | 136.9 | 138.7 | 140.3 | 141.9 | 143.6 |

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

**Table 7.2.—Fixed-Weighted Price Indexes for Gross National Product by Major Type of Product, 1982 Weights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **123.9** | **129.5** | **129.0** | **130.0** | **131.2** | **133.3** | **134.6** | **136.0** |
| Final sales | 123.7 | 129.3 | 128.9 | 129.9 | 131.1 | 133.2 | 134.4 | 135.8 |
| Change in business inventories | | | | | | | | |
| **Goods** | **115.0** | **119.9** | **119.8** | **120.4** | **121.3** | **123.9** | **125.1** | **126.1** |
| Final sales | 114.8 | 119.7 | 119.7 | 120.2 | 121.1 | 123.7 | 124.8 | 125.8 |
| Change in business inventories | | | | | | | | |
| Durable goods | 107.8 | 110.8 | 110.3 | 111.2 | 112.0 | 113.4 | 113.9 | 114.3 |
| Final sales | 107.9 | 110.9 | 110.5 | 111.4 | 112.1 | 113.5 | 113.9 | 114.3 |
| Change in business inventories | | | | | | | | |
| Nondurable goods | 119.8 | 126.0 | 126.2 | 126.5 | 127.6 | 130.9 | 132.5 | 134.0 |
| Final sales | 119.6 | 125.8 | 125.9 | 126.3 | 127.3 | 130.7 | 132.2 | 133.7 |
| Change in business inventories | | | | | | | | |
| **Services** | **136.4** | **143.0** | **142.2** | **143.7** | **145.3** | **144.1** | **145.7** | **147.4** |
| **Structures** | **113.6** | **117.3** | **117.4** | **117.6** | **118.0** | **118.9** | **119.2** | **120.0** |

**Table 7.3.—Fixed-Weighted Price Indexes for Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers, 1982 We ights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **123.9** | **129.5** | **129.0** | **130.0** | **131.2** | **133.3** | **134.6** | **136.0** |
| Less: Exports of goods and services | 111.3 | 114.4 | 114.5 | 114.5 | 114.4 | 115.9 | 116.7 | 117.8 |
| Plus: Imports of goods and services | 105.8 | 109.5 | 110.5 | 108.8 | 109.9 | 112.3 | 110.0 | 114.0 |
| **Equals: Gross domestic purchases** [1] | **123.4** | **129.1** | **128.7** | **129.6** | **130.9** | **133.1** | **134.1** | **135.7** |
| Less: Change in business inventories | | | | | | | | |
| **Equals: Final sales to domestic purchasers** [2] | **123.3** | **129.0** | **128.6** | **129.4** | **130.7** | **132.9** | **133.9** | **135.5** |

1. Purchases in the United States of goods and services wherever produced.
2. Final sales in the United States 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 7.4.—Implicit Price Deflators for Gross National Product

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **121.3** | **126.3** | **125.8** | **126.8** | **128.0** | **129.5** | **131.0** | **132.1** |
| **Personal consumption expenditures** | **124.2** | **129.9** | **129.5** | **130.2** | **131.8** | **134.0** | **135.2** | **136.9** |
| Durable goods | 109.4 | 110.9 | 110.6 | 111.2 | 111.4 | 112.5 | 112.1 | 112.4 |
| Nondurable goods | 116.6 | 122.8 | 123.2 | 123.2 | 124.5 | 128.3 | 129.4 | 131.5 |
| Services | 134.5 | 141.0 | 140.1 | 141.6 | 143.4 | 145.1 | 146.6 | 148.4 |
| **Gross private domestic investment** | | | | | | | | |
| Fixed investment | 105.7 | 107.2 | 107.3 | 107.1 | 106.9 | 108.0 | 107.9 | 108.4 |
| Nonresidential | 100.2 | 101.2 | 101.2 | 100.9 | 100.7 | 101.6 | 101.6 | 102.4 |
| Structures | 114.3 | 119.5 | 119.5 | 119.8 | 119.5 | 120.2 | 121.8 | 122.7 |
| Producers' durable equipment | 95.5 | 95.3 | 95.4 | 95.0 | 94.6 | 95.8 | 95.3 | 96.1 |
| Residential | 119.3 | 123.5 | 123.7 | 124.2 | 124.3 | 125.3 | 125.3 | 126.0 |
| Change in business inventories | | | | | | | | |
| **Net exports of goods and services** | | | | | | | | |
| Exports | 103.2 | 105.5 | 106.0 | 105.3 | 105.1 | 105.3 | 106.4 | 106.5 |
| Imports | 102.5 | 103.8 | 105.2 | 102.5 | 102.8 | 104.2 | 103.0 | 105.5 |
| **Government purchases of goods and services** | **123.3** | **128.5** | **127.7** | **129.1** | **130.1** | **132.5** | **132.5** | **134.1** |
| Federal | 115.9 | 119.4 | 118.4 | 119.9 | 120.2 | 123.3 | 122.0 | 123.1 |
| National defense | 114.0 | 117.5 | 117.6 | 117.7 | 117.1 | 120.8 | 120.7 | 121.2 |
| Nondefense | 123.2 | 125.8 | 121.0 | 127.8 | 130.4 | 131.5 | 125.6 | 128.7 |
| State and local | 128.7 | 135.1 | 134.5 | 135.7 | 137.1 | 138.9 | 140.1 | 142.1 |

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

### Table 7.5.—Implicit Price Deflators for Gross National Product by Major Type of Product

[Index numbers, 1982=100]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Gross national product** | **121.3** | **126.3** | **125.8** | **126.8** | **128.0** | **129.5** | **131.0** | **132.1** |
| Final sales | 121.4 | 126.3 | 125.8 | 126.9 | 127.9 | 129.7 | 131.0 | 132.2 |
| Change in business inventories | | | | | | | | |
| **Goods** | **109.6** | **113.3** | **113.1** | **113.8** | **114.4** | **115.6** | **117.2** | **117.7** |
| Final sales | 109.6 | 113.2 | 112.9 | 113.8 | 114.2 | 116.2 | 117.1 | 117.7 |
| Change in business inventories | | | | | | | | |
| Durable goods | 98.4 | 99.9 | 99.5 | 100.3 | 100.3 | 100.6 | 101.2 | 101.4 |
| Final sales | 98.1 | 99.7 | 99.4 | 100.1 | 100.0 | 101.0 | 101.2 | 101.3 |
| Change in business inventories | | | | | | | | |
| Nondurable goods | 120.7 | 126.5 | 126.4 | 127.4 | 128.3 | 130.8 | 133.3 | 134.4 |
| Final sales | 120.8 | 126.6 | 126.2 | 127.6 | 128.2 | 131.9 | 133.3 | 134.5 |
| Change in business inventories | | | | | | | | |
| **Services** | **133.0** | **139.4** | **138.7** | **140.0** | **141.6** | **143.6** | **145.2** | **146.8** |
| **Structures** | **118.1** | **122.6** | **122.7** | **123.1** | **123.1** | **124.0** | **124.6** | **125.4** |

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

### Table 7.6.—Implicit Price Deflators for Gross National Product by Sector

[Index numbers, 1982=100]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Gross national product** | **121.3** | **126.3** | **125.8** | **126.8** | **128.0** | **129.5** | **131.0** | **132.1** |
| **Gross domestic product** | **121.4** | **126.3** | **125.8** | **126.9** | **128.0** | **129.5** | **131.0** | **132.1** |
| Business | 119.4 | 124.2 | 123.7 | 124.7 | 125.8 | 127.1 | 128.6 | 129.6 |
| Nonfarm | 119.7 | 124.4 | 124.0 | 125.0 | 126.2 | 127.3 | 128.8 | 129.9 |
| Nonfarm less housing | 117.9 | 122.5 | 122.2 | 122.9 | 124.1 | 125.3 | 126.8 | 127.7 |
| Housing | 138.3 | 145.3 | 143.3 | 147.6 | 148.1 | 148.8 | 150.6 | 153.6 |
| Farm | 107.2 | 112.4 | 113.6 | 112.0 | 109.3 | 120.5 | 119.1 | 117.3 |
| Statistical discrepancy | 119.4 | 124.2 | 123.7 | 124.7 | 125.8 | 127.1 | 128.6 | 129.6 |
| Households and institutions | 136.2 | 139.3 | 138.3 | 139.6 | 140.9 | 142.5 | 144.2 | 146.4 |
| Private households | 105.9 | 107.4 | 107.4 | 107.4 | 107.7 | 108.5 | 109.9 | 111.7 |
| Nonprofit institutions | 138.4 | 141.5 | 140.5 | 141.8 | 143.3 | 144.9 | 146.6 | 148.7 |
| Government | 133.9 | 141.2 | 140.5 | 141.9 | 143.3 | 146.3 | 147.9 | 149.4 |
| Federal | 126.4 | 133.3 | 133.1 | 133.3 | 133.9 | 139.0 | 139.8 | 140.1 |
| State and local | 137.7 | 145.1 | 144.2 | 146.0 | 147.9 | 149.9 | 151.9 | 154.0 |
| **Rest of the world** | **123.3** | **128.7** | **128.1** | **129.3** | **130.6** | **132.2** | **133.9** | **135.2** |
| **Addendum:** | | | | | | | | |
| Gross domestic business product less housing | 117.7 | 122.3 | | | | | | |

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

### Table 7.7.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product** | **121.3** | **126.3** | **125.8** | **126.8** | **128.0** | **129.5** | **131.0** | **132.1** |
| Less: Capital consumption allowances with capital consumption adjustment | 107.2 | 109.6 | 109.3 | 110.1 | 110.1 | 110.6 | 110.6 | 110.8 |
| **Equals: Net national product** | **123.2** | **128.6** | **128.1** | **129.2** | **130.5** | **132.2** | **133.9** | **135.2** |
| Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises | 122.8 | 132.0 | 131.2 | 136.0 | 134.8 | 136.8 | 139.6 | 144.9 |
| Statistical discrepancy | 119.4 | 124.2 | 123.7 | 124.7 | 125.8 | 127.1 | 128.6 | |
| **Equals: National income** | **123.3** | **128.3** | **127.8** | **128.5** | **130.1** | **131.7** | **133.3** | |

### Table 7.8.—Implicit Price Deflators for Command-Basis Gross National Product

[Index numbers, 1982=100]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Gross national product** | **121.3** | **126.3** | **125.8** | **126.8** | **128.0** | **129.5** | **131.0** | **132.1** |
| Less: Net exports of goods and services | | | | | | | | |
| Exports | 103.2 | 105.5 | 106.0 | 105.3 | 105.1 | 105.3 | 106.4 | 106.5 |
| Imports | 102.5 | 103.8 | 105.2 | 102.5 | 102.8 | 104.2 | 103.0 | 105.5 |
| **Equals: Gross domestic purchases** | **120.9** | **125.8** | **125.4** | **126.1** | **127.3** | **129.1** | **130.2** | **131.7** |
| Plus: Command-basis net exports of goods and services | | | | | | | | |
| Command-basis exports | 102.5 | 103.8 | 105.2 | 102.5 | 102.8 | 104.2 | 103.0 | 105.5 |
| Imports | 102.5 | 103.8 | 105.2 | 102.5 | 102.8 | 104.2 | 103.0 | 105.5 |
| **Equals: Command-basis gross national product** | **121.2** | **126.0** | **125.7** | **126.4** | **127.6** | **129.3** | **130.4** | **131.9** |

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

### Table 7.9.—Fixed-Weighted Price Indexes for Personal Consumption Expenditures by Major Type of Product, 1982 Weights

[Index numbers, 1982=100]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Personal consumption expenditures** | **125.6** | **131.6** | **131.3** | **132.1** | **133.7** | **136.1** | **137.1** | **139.1** |
| **Durable goods** | **111.9** | **114.3** | **113.9** | **114.4** | **115.2** | **116.4** | **116.5** | **116.7** |
| Motor vehicles and parts | 116.4 | 118.7 | 118.7 | 118.4 | 119.3 | 120.2 | 119.6 | 119.6 |
| Furniture and household equipment | 103.8 | 104.9 | 104.2 | 105.3 | 105.8 | 106.3 | 106.4 | 106.7 |
| Other | 118.5 | 123.5 | 123.0 | 124.3 | 125.1 | 128.4 | 130.4 | 130.8 |
| **Nondurable goods** | **117.3** | **123.9** | **124.3** | **124.4** | **125.7** | **129.7** | **130.3** | **132.8** |
| Food | 122.2 | 129.2 | 129.0 | 129.8 | 131.4 | 135.8 | 136.1 | 137.5 |
| Clothing and shoes | 115.8 | 118.5 | 119.1 | 117.2 | 119.2 | 122.3 | 124.2 | 123.8 |
| Gasoline and oil | 79.4 | 86.8 | 92.1 | 88.5 | 85.7 | 90.5 | 90.0 | 99.7 |
| Other nondurable goods | 127.3 | 135.5 | 134.4 | 136.4 | 139.0 | 142.1 | 143.2 | 146.3 |
| Fuel oil and coal | 76.8 | 80.4 | 79.6 | 79.9 | 84.4 | 95.6 | 85.5 | 93.7 |
| Other | 134.1 | 142.9 | 141.8 | 143.9 | 146.3 | 148.3 | 150.8 | 153.4 |
| **Services** | **135.2** | **141.7** | **140.8** | **142.3** | **144.2** | **145.7** | **147.3** | **149.3** |
| Housing | 136.8 | 142.9 | 141.7 | 143.7 | 145.9 | 147.2 | 148.9 | 152.1 |
| Household operation | 119.8 | 122.6 | 122.4 | 122.2 | 123.6 | 125.0 | 124.7 | 124.0 |
| Electricity and gas | 112.6 | 115.7 | 115.5 | 115.1 | 117.2 | 118.4 | 117.3 | 115.7 |
| Other | 127.3 | 129.7 | 129.5 | 129.6 | 130.2 | 131.8 | 132.3 | 132.5 |
| Transportation | 126.6 | 131.9 | 131.2 | 132.2 | 132.7 | 135.2 | 136.8 | 138.2 |
| Medical care | 144.0 | 153.4 | 152.1 | 154.1 | 157.2 | 158.9 | 161.1 | 163.7 |
| Other | 136.5 | 143.5 | 142.8 | 144.4 | 145.7 | 147.1 | 148.9 | 150.6 |

### Table 7.14.—Fixed-Weighted Price Indexes for Exports and Imports of Goods and Services, 1982 Weights

[Index numbers, 1982=100]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Exports of goods and services** | **111.3** | **114.4** | **114.5** | **114.5** | **114.4** | **115.9** | **116.7** | **117.8** |
| Merchandise | 104.3 | 106.2 | 106.8 | 106.0 | 105.4 | 106.4 | 106.8 | 107.3 |
| Durable goods | 104.7 | 107.0 | 106.9 | 107.3 | 107.6 | 108.5 | 109.0 | 109.7 |
| Nondurable goods | 103.8 | 105.2 | 106.9 | 104.5 | 102.4 | 103.4 | 104.3 | 104.0 |
| Services | 121.4 | 126.1 | 125.7 | 126.7 | 127.6 | 129.6 | 131.0 | 133.1 |
| Factor income | 124.2 | 129.5 | 129.0 | 130.1 | 131.4 | 133.0 | 134.7 | 136.6 |
| Other | 116.4 | 120.1 | 119.9 | 120.5 | 120.8 | 123.6 | 124.5 | 126.8 |
| **Imports of goods and services** | **105.8** | **109.5** | **110.5** | **108.8** | **109.9** | **112.3** | **110.0** | **114.0** |
| Merchandise | 99.4 | 103.1 | 104.2 | 101.8 | 102.6 | 105.1 | 101.7 | 105.9 |
| Durable goods | 117.9 | 120.0 | 120.2 | 119.1 | 119.6 | 120.4 | 120.0 | 120.7 |
| Nondurable goods | 80.0 | 85.1 | 87.7 | 84.1 | 85.2 | 89.5 | 83.5 | 90.7 |
| Services | 125.4 | 129.6 | 129.0 | 129.4 | 131.2 | 133.6 | 134.7 | 137.9 |
| Factor income | 123.3 | 128.7 | 128.1 | 129.3 | 130.6 | 132.2 | 133.9 | 135.8 |
| Other | 127.1 | 130.4 | 129.6 | 129.5 | 131.7 | 134.6 | 135.3 | 139.6 |

**Table 7.15.—Fixed-Weighted Price Indexes for Merchandise Exports and Imports by Type of Product and by End-Use Category, 1982 Weights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Merchandise exports** | **104.3** | **106.2** | **106.8** | **106.0** | **105.4** | **106.4** | **106.8** | **107.3** |
| Foods, feeds, and beverages | 99.6 | 102.0 | 104.9 | 100.5 | 96.0 | 97.0 | 99.6 | 96.0 |
| Industrial supplies and materials | 104.1 | 104.0 | 105.3 | 103.7 | 102.6 | 103.3 | 102.7 | 104.1 |
| Durable goods | 104.1 | 104.5 | 105.4 | 104.9 | 103.4 | 103.7 | 102.8 | 103.4 |
| Nondurable goods | 104.0 | 103.8 | 105.3 | 103.2 | 102.3 | 103.2 | 102.7 | 104.4 |
| Capital goods, except autos | 102.4 | 104.7 | 104.2 | 104.9 | 105.5 | 106.9 | 107.5 | 108.5 |
| Autos | 116.1 | 120.1 | 119.2 | 120.5 | 122.0 | 121.9 | 122.5 | 122.9 |
| Consumer goods | 112.0 | 116.1 | 115.9 | 116.5 | 116.6 | 117.8 | 119.3 | 119.9 |
| Durable goods | 106.5 | 108.6 | 109.4 | 108.4 | 108.5 | 109.4 | 111.1 | 111.1 |
| Nondurable goods | 116.3 | 121.9 | 121.1 | 122.8 | 122.9 | 124.5 | 125.8 | 126.8 |
| Other | 104.0 | 106.1 | 106.6 | 106.1 | 105.6 | 106.6 | 107.5 | 107.9 |
| Durable goods | 101.8 | 103.8 | 104.3 | 103.8 | 103.3 | 104.2 | 105.2 | 105.5 |
| Nondurable goods | 106.3 | 108.4 | 108.9 | 108.4 | 107.9 | 108.9 | 109.9 | 110.3 |
| **Merchandise imports** | **99.4** | **103.1** | **104.2** | **101.8** | **102.6** | **105.1** | **101.7** | **105.9** |
| Foods, feeds, and beverages | 109.9 | 105.0 | 108.9 | 101.4 | 100.5 | 105.0 | 104.6 | 106.5 |
| Industrial supplies and materials, excluding petroleum | 104.0 | 108.1 | 109.2 | 107.4 | 105.8 | 106.5 | 105.9 | 105.5 |
| Durable goods | 104.1 | 107.6 | 109.5 | 106.2 | 104.7 | 103.2 | 103.7 | 103.8 |
| Nondurable goods | 103.9 | 108.6 | 108.9 | 108.6 | 106.9 | 109.8 | 108.0 | 107.2 |
| Petroleum and products | 45.6 | 54.3 | 58.2 | 53.5 | 56.1 | 61.9 | 50.2 | 64.1 |
| Capital goods, except autos | 115.1 | 116.3 | 116.9 | 115.9 | 115.4 | 118.1 | 118.0 | 119.4 |
| Autos | 132.3 | 134.7 | 134.0 | 133.3 | 136.1 | 135.9 | 134.2 | 135.3 |
| Consumer goods | 123.1 | 126.0 | 125.8 | 125.6 | 127.0 | 128.2 | 129.1 | 129.1 |
| Durable goods | 119.2 | 121.2 | 120.7 | 120.8 | 122.1 | 123.2 | 123.4 | 122.7 |
| Nondurable goods | 128.7 | 132.8 | 133.0 | 132.4 | 134.0 | 135.2 | 137.1 | 138.1 |
| Other | 119.2 | 121.3 | 121.8 | 120.4 | 120.6 | 121.9 | 121.7 | 122.5 |
| Durable goods | 119.2 | 121.3 | 121.8 | 120.4 | 120.6 | 121.9 | 121.7 | 122.5 |
| Nondurable goods | 119.2 | 121.3 | 121.8 | 120.4 | 120.6 | 121.9 | 121.7 | 122.5 |

**Table 7.16.—Fixed-Weighted Price Indexes for Government Purchases of Goods and Services by Type, 1982 Weights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Government purchases of goods and services** | **124.7** | **130.6** | **130.2** | **131.0** | **132.1** | **134.4** | **135.5** | **136.9** |
| **Federal** | **117.4** | **122.4** | **122.2** | **122.5** | **123.0** | **125.8** | **126.5** | **127.3** |
| National defense | 117.4 | 121.8 | 121.8 | 121.8 | 122.3 | 125.6 | 126.0 | 127.0 |
| Durable goods | 108.9 | 110.9 | 111.1 | 110.7 | 110.1 | 111.0 | 110.6 | 111.3 |
| Nondurable goods | 72.9 | 76.0 | 77.1 | 74.9 | 77.5 | 80.9 | 79.2 | 85.9 |
| Services | 125.2 | 130.7 | 130.5 | 130.9 | 131.5 | 135.8 | 136.6 | 137.3 |
| Compensation of employees | 126.3 | 132.8 | 132.7 | 132.8 | 133.3 | 138.8 | 139.6 | 139.8 |
| Military | 126.0 | 131.9 | 132.1 | 131.9 | 131.9 | 138.0 | 138.8 | 138.9 |
| Civilian | 126.9 | 134.6 | 134.0 | 134.7 | 136.1 | 140.4 | 141.2 | 141.5 |
| Other services | 123.0 | 126.6 | 126.1 | 127.1 | 128.0 | 129.9 | 130.8 | 132.4 |
| Structures | 124.5 | 128.9 | 127.3 | 129.2 | 131.3 | 131.7 | 131.7 | 134.4 |
| Nondefense | 117.6 | 123.9 | 123.4 | 124.1 | 124.9 | 126.6 | 127.6 | 127.9 |
| Durable goods | 100.8 | 104.5 | 104.2 | 104.7 | 105.5 | 106.4 | 107.1 | 107.9 |
| Nondurable goods | | | | | | | | |
| Commodity Credit Corporation inventory change | | | | | | | | |
| Other nondurables | 98.6 | 104.7 | 104.1 | 105.1 | 106.6 | 105.0 | 107.8 | 105.1 |
| Services | 123.7 | 130.4 | 130.0 | 130.7 | 131.6 | 134.6 | 135.6 | 136.3 |
| Compensation of employees | 126.6 | 134.5 | 134.2 | 134.6 | 135.3 | 139.6 | 140.4 | 140.8 |
| Other services | 119.2 | 124.0 | 123.5 | 124.6 | 125.7 | 126.8 | 128.1 | 129.4 |
| Structures | 115.1 | 119.8 | 119.3 | 120.4 | 121.4 | 122.2 | 122.7 | 123.5 |
| **State and local** | **130.1** | **136.7** | **136.1** | **137.3** | **138.9** | **140.8** | **142.1** | **144.1** |
| Durable goods | 113.4 | 117.4 | 117.0 | 117.8 | 118.7 | 119.2 | 119.9 | 121.0 |
| Nondurable goods | 97.2 | 103.7 | 104.2 | 103.7 | 105.3 | 107.2 | 105.5 | 110.3 |
| Services | 136.7 | 143.8 | 142.9 | 144.6 | 146.4 | 148.6 | 150.4 | 152.3 |
| Compensation of employees | 137.8 | 145.3 | 144.3 | 146.2 | 148.1 | 150.1 | 152.1 | 154.1 |
| Other services | 131.7 | 137.2 | 136.7 | 137.6 | 138.8 | 141.7 | 142.9 | 144.2 |
| Structures | 119.4 | 123.3 | 123.2 | 123.4 | 123.7 | 124.6 | 124.7 | 125.4 |

**Table 7.17.—Fixed-Weighted Price Indexes for National Defense Purchases of Goods and Services, 1982 Weights**

[Index numbers, 1982=100]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **National defense purchases** | **117.4** | **121.8** | **121.8** | **121.8** | **122.3** | **125.6** | **126.0** | **127.0** |
| **Durable goods** | **108.9** | **110.9** | **111.1** | **110.7** | **110.1** | **111.0** | **110.6** | **111.3** |
| Military equipment | 110.4 | 112.2 | 112.4 | 111.9 | 111.0 | 111.9 | 112.0 | 112.5 |
| Aircraft | 106.9 | 106.9 | 106.6 | 106.4 | 104.2 | 105.9 | 105.8 | 106.3 |
| Missiles | 116.1 | 115.3 | 118.6 | 113.2 | 112.2 | 112.3 | 111.2 | 110.4 |
| Ships | 125.6 | 131.7 | 131.6 | 132.3 | 132.6 | 133.1 | 133.7 | 135.1 |
| Vehicles | 88.8 | 91.1 | 90.6 | 91.9 | 92.5 | 92.3 | 93.9 | 95.1 |
| Electronic equipment | 108.4 | 111.1 | 111.0 | 111.2 | 111.6 | 111.7 | 111.6 | 111.6 |
| Other | 111.1 | 115.4 | 115.1 | 115.7 | 116.4 | 117.0 | 117.9 | 118.3 |
| Other durable goods | 102.1 | 105.4 | 105.3 | 105.5 | 106.0 | 107.1 | 104.3 | 105.9 |
| **Nondurable goods** | **72.9** | **76.0** | **77.1** | **74.9** | **77.5** | **80.9** | **79.2** | **85.9** |
| Petroleum products | 56.7 | 59.7 | 61.5 | 58.1 | 61.2 | 65.9 | 63.5 | 73.7 |
| Ammunition | 98.9 | 102.3 | 102.1 | 102.4 | 103.5 | 103.5 | 103.4 | 101.8 |
| Other nondurable goods | 115.8 | 119.0 | 118.5 | 118.7 | 120.5 | 121.9 | 121.7 | 121.9 |
| **Services** | **125.2** | **130.7** | **130.5** | **130.9** | **131.5** | **135.8** | **136.6** | **137.3** |
| Compensation of employees | 126.3 | 132.8 | 132.7 | 132.8 | 133.3 | 138.8 | 139.6 | 139.8 |
| Military | 126.0 | 131.9 | 132.1 | 131.9 | 131.9 | 138.0 | 138.8 | 138.9 |
| Civilian | 126.9 | 134.6 | 134.0 | 134.7 | 136.1 | 140.4 | 141.2 | 141.5 |
| Other services | 123.0 | 126.6 | 126.1 | 127.1 | 128.0 | 129.9 | 130.8 | 132.4 |
| Contractual research and development | 120.3 | 124.7 | 125.3 | 125.3 | 125.8 | 126.9 | 127.8 | 127.1 |
| Installation support [1] | 129.8 | 133.2 | 132.0 | 134.1 | 135.0 | 136.3 | 137.1 | 140.9 |
| Weapons support [2] | 117.7 | 122.0 | 121.1 | 122.9 | 123.9 | 124.8 | 125.8 | 125.6 |
| Personnel support [3] | 158.3 | 163.3 | 160.8 | 162.3 | 167.7 | 171.6 | 173.0 | 180.2 |
| Transportation of materiel | 94.3 | 91.4 | 91.0 | 91.4 | 88.5 | 93.8 | 94.0 | 95.8 |
| Travel of persons | 106.9 | 110.3 | 109.6 | 110.5 | 111.5 | 116.2 | 117.5 | 118.9 |
| Other | | | | | | | | |
| **Structures** | **124.5** | **128.9** | **127.3** | **129.2** | **131.3** | **131.7** | **131.7** | **134.4** |
| Military facilities | 126.1 | 130.2 | 127.6 | 130.2 | 133.7 | 133.9 | 133.6 | 137.3 |
| Other | 122.1 | 126.9 | 126.7 | 127.7 | 127.6 | 128.5 | 128.8 | 130.1 |

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

**Table 7.18.—Current-Dollar Cost and Profit per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business**

[Dollars]

| | 1988 | 1989 | Seasonally adjusted | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Current-dollar cost and profit per unit of constant-dollar gross domestic product** [1] | **1.132** | **1.174** | **1.171** | **1.178** | **1.189** | **1.200** | **1.213** | ..... |
| **Capital consumption allowances with capital consumption adjustment** | **.124** | **.131** | **.129** | **.132** | **.135** | **.135** | **.135** | ..... |
| **Net domestic product** | **1.008** | **1.043** | **1.042** | **1.046** | **1.054** | **1.065** | **1.078** | ..... |
| Indirect business tax and nontax liability plus business transfer payments less subsidies | .107 | .112 | .111 | .113 | .114 | .117 | .116 | ..... |
| Domestic income | .901 | .931 | .931 | .933 | .939 | .948 | .962 | ..... |
| Compensation of employees | .750 | .782 | .780 | .782 | .795 | .803 | .812 | ..... |
| Corporate profits with inventory valuation and capital consumption adjustments | .111 | .099 | .102 | .100 | .092 | .093 | .097 | ..... |
| Profits tax liability | .043 | .042 | .042 | .041 | .040 | .039 | .040 | ..... |
| Profits after tax with inventory valuation and capital consumption adjustments | .068 | .057 | .060 | .059 | .052 | .053 | .057 | ..... |
| Net interest | .041 | .050 | .049 | .051 | .052 | .052 | .053 | ..... |

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**

[Percent]

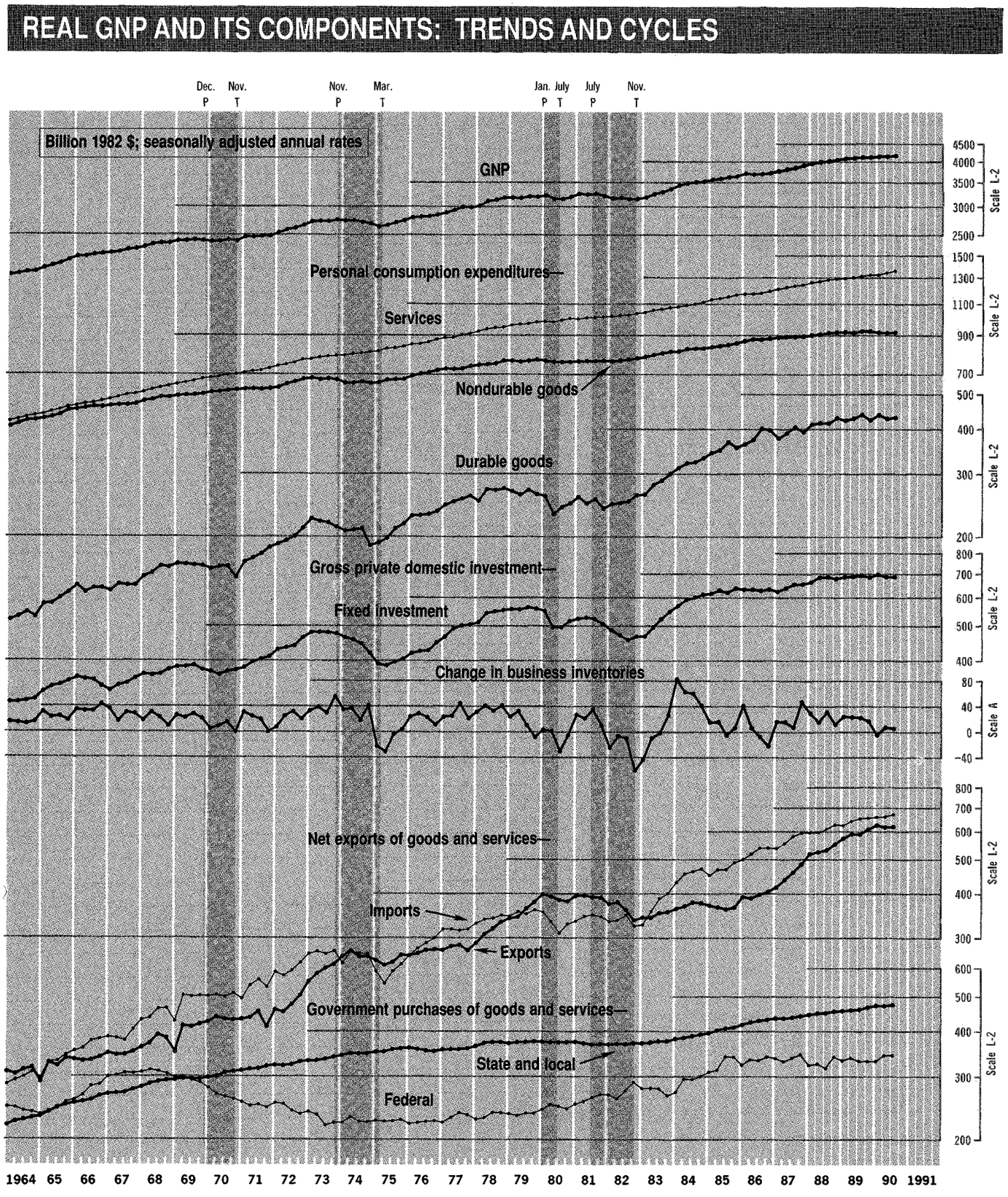
| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Gross national product:** | | | | | | | | |
| Current dollars | 7.9 | 6.7 | 5.8 | 5.1 | 3.9 | 6.7 | 5.1 | 5.3 |
| 1982 dollars | 4.5 | 2.5 | 1.6 | 1.7 | .3 | 1.7 | .4 | 1.8 |
| Implicit price deflator | 3.3 | 4.1 | 3.9 | 3.2 | 3.8 | 4.8 | 4.7 | 3.4 |
| Chain price index | 3.7 | 4.3 | 4.4 | 3.1 | 3.7 | 6.1 | 4.1 | 3.6 |
| Fixed-weighted price index | 4.2 | 4.5 | 4.6 | 3.1 | 3.8 | 6.6 | 3.9 | 4.1 |
| **Personal consumption expenditures:** | | | | | | | | |
| Current dollars [1] | 7.6 | 6.5 | 6.6 | 7.0 | 4.0 | 8.2 | 3.9 | 8.9 |
| 1982 dollars [1] | 3.6 | 1.9 | 1.3 | 4.6 | -.8 | 1.1 | .2 | 3.6 |
| Implicit price deflator | 3.8 | 4.6 | 5.1 | 2.2 | 5.0 | 6.8 | 3.6 | 5.1 |
| Chain price index | 4.0 | 4.7 | 5.3 | 2.6 | 4.9 | 6.8 | 3.4 | 5.2 |
| Fixed-weighted price index | 4.1 | 4.8 | 5.7 | 2.7 | 4.7 | 7.4 | 3.1 | 5.7 |
| **Durable goods:** | | | | | | | | |
| Current dollars | 8.1 | 3.7 | 6.3 | 11.9 | -12.4 | 19.0 | -10.7 | 4.0 |
| 1982 dollars | 6.8 | 2.3 | 5.6 | 9.6 | -13.0 | 14.4 | -9.5 | 3.0 |
| Implicit price deflator | 1.1 | 1.4 | .7 | 2.2 | .7 | 4.0 | -1.4 | 1.1 |
| Chain price index | 1.7 | 2.0 | .8 | 1.6 | 2.6 | 3.7 | .2 | .5 |
| Fixed-weighted price index | 1.7 | 2.1 | 1.0 | 1.9 | 2.6 | 4.4 | .5 | .5 |
| **Nondurable goods:** | | | | | | | | |
| Current dollars | 5.9 | 6.6 | 7.6 | 3.7 | 4.1 | 9.3 | 1.5 | 8.3 |
| 1982 dollars | 1.9 | 1.2 | -1.7 | 3.9 | -.2 | -3.2 | -1.9 | 1.7 |
| Implicit price deflator | 3.9 | 5.3 | 9.3 | 0 | 4.3 | 12.8 | 3.5 | 6.7 |
| Chain price index | 4.1 | 5.4 | 9.5 | .1 | 4.8 | 12.9 | 3.0 | 7.0 |
| Fixed-weighted price index | 4.1 | 5.7 | 10.2 | .3 | 4.5 | 13.2 | 2.0 | 7.7 |
| **Services:** | | | | | | | | |
| Current dollars [1] | 8.6 | 7.3 | 6.0 | 7.8 | 8.6 | 4.9 | 9.5 | 10.4 |
| 1982 dollars [1] | 3.8 | 2.4 | 2.1 | 3.5 | 3.1 | .1 | 5.1 | 5.1 |
| Implicit price deflator | 4.5 | 4.8 | 3.8 | 4.4 | 5.2 | 4.8 | 4.2 | 5.0 |
| Chain price index | 4.6 | 4.9 | 3.9 | 4.5 | 5.5 | 4.1 | 4.5 | 5.3 |
| Fixed-weighted price index | 4.7 | 4.8 | 3.8 | 4.5 | 5.4 | 4.3 | 4.4 | 5.5 |
| **Gross private domestic investment:** | | | | | | | | |
| Current dollars | 6.8 | 3.2 | 3.7 | -.5 | -6.6 | -7.9 | 6.5 | .3 |
| 1982 dollars | 5.5 | 1.6 | 1.2 | 1.8 | -7.1 | -4.7 | 0 | -.1 |
| Implicit price deflator | | | | | | | | |
| Chain price index | | | | | | | | |
| Fixed-weighted price index | | | | | | | | |
| **Fixed investment:** | | | | | | | | |
| Current dollars | 7.4 | 3.1 | .5 | 1.6 | -4.8 | 12.0 | -6.8 | 2.9 |
| 1982 dollars | 5.6 | 1.6 | 1.6 | 2.4 | -4.2 | 7.6 | -6.5 | 1.0 |
| Implicit price deflator | 1.7 | 1.4 | -1.1 | -.7 | -.7 | 4.2 | -.4 | 1.9 |
| Chain price index | 2.9 | 3.2 | 3.2 | 1.7 | 2.2 | 3.7 | .6 | 1.7 |
| Fixed-weighted price index | 3.6 | 3.4 | 3.1 | 1.9 | 2.6 | 4.2 | 1.3 | 2.2 |
| **Nonresidential:** | | | | | | | | |
| Current dollars | 9.8 | 4.8 | 3.9 | 5.3 | -4.8 | 9.1 | -5.0 | 11.0 |
| 1982 dollars | 8.3 | 3.9 | 6.9 | 6.3 | -3.8 | 5.0 | -4.7 | 7.4 |
| Implicit price deflator | 1.3 | 1.0 | -2.7 | -1.2 | -.8 | 3.6 | 0 | 3.2 |
| Chain price index | 2.5 | 3.0 | 2.2 | 1.9 | 3.0 | 3.8 | .8 | 1.5 |
| Fixed-weighted price index | 3.6 | 3.4 | 2.3 | 2.0 | 3.2 | 4.4 | 1.6 | 2.1 |
| **Structures:** | | | | | | | | |
| Current dollars | 4.6 | 4.5 | -6.1 | 8.0 | .3 | 4.7 | -4.2 | 8.4 |
| 1982 dollars | -.3 | 0 | -8.2 | 7.1 | 1.3 | 2.3 | -9.0 | 5.1 |
| Implicit price deflator | 5.0 | 4.5 | 2.0 | 1.0 | -1.0 | 2.4 | 5.4 | 3.0 |
| Chain price index | 4.8 | 3.5 | 3.7 | 2.0 | 2.4 | 3.0 | 1.6 | 3.1 |
| Fixed-weighted price index | 5.8 | 3.0 | 1.7 | .5 | 1.4 | 2.8 | 1.9 | 2.8 |
| **Producers' durable equipment:** | | | | | | | | |
| Current dollars | 12.0 | 5.0 | 8.2 | 4.2 | -6.6 | 11.0 | -5.2 | 12.0 |
| 1982 dollars | 11.6 | 5.2 | 12.2 | 6.1 | -5.2 | 5.7 | -3.3 | 8.2 |
| Implicit price deflator | .3 | -.2 | -3.7 | -1.7 | -1.7 | 5.2 | -2.1 | 3.4 |
| Chain price index | 1.6 | 2.8 | 1.6 | 1.8 | 3.2 | 4.1 | .6 | .9 |
| Fixed-weighted price index | 2.2 | 3.6 | 2.7 | 3.0 | 4.4 | 5.4 | 1.4 | 1.7 |
| **Residential:** | | | | | | | | |
| Current dollars | 2.7 | -.6 | -6.4 | -6.4 | -5.1 | 18.9 | -11.0 | -13.7 |
| 1982 dollars | -.8 | -4.1 | -11.3 | -7.6 | -5.5 | 15.1 | -11.2 | -15.4 |
| Implicit price deflator | 3.6 | 3.5 | 5.3 | 1.6 | .3 | 3.3 | 0 | 2.3 |
| Chain price index | 3.6 | 3.6 | 5.5 | 1.4 | .4 | 3.3 | .1 | 2.3 |
| Fixed-weighted price index | 3.5 | 3.6 | 5.5 | 1.4 | .5 | 3.5 | .3 | 2.2 |
| **Exports of goods and services:** | | | | | | | | |
| Current dollars [1] | 22.8 | 13.4 | 13.1 | -3.2 | 12.8 | 12.0 | -1.0 | 1.8 |
| 1982 dollars [1] | 18.3 | 11.0 | 12.4 | -.5 | 13.5 | 11.2 | -5.0 | 1.2 |
| Implicit price deflator | 3.7 | 2.2 | .8 | -2.6 | -.8 | .8 | 4.2 | .4 |
| Chain price index | 4.9 | 2.3 | 2.0 | -.4 | -.3 | 4.7 | 2.6 | 3.5 |
| Fixed-weighted price index | 5.3 | 2.7 | 2.3 | -.3 | 0 | 5.0 | 3.4 | 3.4 |
| **Imports of goods and services:** | | | | | | | | |
| Current dollars [1] | 11.0 | 7.4 | 13.9 | -4.1 | 3.1 | 8.0 | -3.8 | 16.9 |
| 1982 dollars [1] | 7.1 | 6.0 | 12.8 | 6.4 | 1.7 | 2.5 | .7 | 6.0 |
| Implicit price deflator | 3.5 | 1.3 | 1.1 | -9.9 | 1.2 | 5.6 | -4.5 | 10.1 |
| Chain price index | 5.4 | 3.2 | 4.0 | -4.9 | 3.1 | 7.8 | -6.3 | 12.0 |
| Fixed-weighted price index | 5.2 | 3.6 | 4.9 | -5.8 | 4.0 | 9.2 | -7.0 | 14.1 |

| | 1988 | 1989 | Seasonally adjusted at annual rates | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1989 | | | 1990 | | |
| | | | II | III | IV | I | II | III |
| **Government purchases of goods and services:** | | | | | | | | |
| Current dollars | 4.5 | 6.6 | 5.8 | 2.0 | 6.2 | 10.7 | 6.2 | 6.4 |
| 1982 dollars | .2 | 2.3 | 4.0 | -2.4 | 3.0 | 2.9 | 6.2 | 1.3 |
| Implicit price deflator | 4.2 | 4.2 | 1.9 | 4.5 | 3.1 | 7.6 | 0 | 4.9 |
| Chain price index | 3.8 | 4.4 | 3.5 | 2.6 | 3.1 | 7.5 | 3.0 | 4.5 |
| Fixed-weighted price index | 4.6 | 4.7 | 3.3 | 2.6 | 3.4 | 7.2 | 3.0 | 4.5 |
| **Federal:** | | | | | | | | |
| Current dollars | -.3 | 5.2 | 4.3 | -3.2 | .7 | 11.1 | 11.5 | 3.4 |
| 1982 dollars | -3.4 | 2.1 | 7.0 | -7.9 | -.4 | .4 | 16.4 | -.3 |
| Implicit price deflator | 3.2 | 3.0 | -2.7 | 5.2 | 1.0 | 10.7 | -4.2 | 3.7 |
| Chain price index | 2.3 | 3.6 | 1.5 | 1.1 | 1.1 | 10.3 | 2.3 | 2.4 |
| Fixed-weighted price index | 4.0 | 4.2 | 1.1 | .8 | 1.8 | 9.5 | 2.0 | 2.5 |
| **National defense:** | | | | | | | | |
| Current dollars | .9 | 1.3 | 3.3 | 7.8 | -9.0 | 11.1 | 3.2 | 2.0 |
| 1982 dollars | -1.7 | -1.7 | 3.2 | 7.2 | -7.0 | -1.7 | 3.3 | .5 |
| Implicit price deflator | 2.6 | 3.1 | .3 | .3 | -2.0 | 13.3 | -.3 | 1.7 |
| Chain price index | 2.2 | 3.3 | .7 | .6 | .4 | 10.9 | 2.0 | 2.6 |
| Fixed-weighted price index | 3.4 | 3.8 | 1.4 | .2 | 1.5 | 11.2 | 1.4 | 3.2 |
| **Nondefense:** | | | | | | | | |
| Current dollars | -4.2 | 19.0 | 7.4 | -30.6 | 37.5 | 11.2 | 39.1 | 7.3 |
| 1982 dollars | -9.4 | 16.6 | 20.3 | -44.1 | 26.5 | 7.5 | 67.4 | -2.7 |
| Implicit price deflator | 5.9 | 2.1 | -10.5 | 24.4 | 8.4 | 3.4 | -16.8 | 10.2 |
| Chain price index | 2.5 | 4.9 | 3.7 | 2.5 | 3.3 | 8.6 | 3.3 | 1.9 |
| Fixed-weighted price index | 5.3 | 5.4 | .5 | 2.5 | 2.4 | 5.5 | 3.5 | .8 |
| **State and local:** | | | | | | | | |
| Current dollars | 7.8 | 7.4 | 6.7 | 5.5 | 9.8 | 10.5 | 3.1 | 8.3 |
| 1982 dollars | 2.9 | 2.4 | 1.8 | 1.8 | 5.6 | 4.8 | -.6 | 2.5 |
| Implicit price deflator | 4.7 | 5.0 | 4.9 | 3.6 | 4.2 | 5.4 | 3.5 | 5.8 |
| Chain price index | 4.8 | 5.0 | 4.8 | 3.6 | 4.4 | 5.7 | 3.4 | 5.8 |
| Fixed-weighted price index | 4.9 | 5.0 | 4.8 | 3.8 | 4.5 | 5.7 | 3.7 | 5.8 |
| **Addenda:** | | | | | | | | |
| **Gross domestic purchases:** | | | | | | | | |
| 1982 dollars | 3.3 | 1.9 | 1.8 | 2.8 | -1.2 | .5 | 1.3 | 2.5 |
| Chain price index | 3.8 | 4.4 | 4.6 | 2.5 | 4.1 | 6.5 | 2.9 | 4.6 |
| Fixed-weighted price index | 4.1 | 4.6 | 4.9 | 2.6 | 4.2 | 7.0 | 2.9 | 5.0 |
| **Final sales:** | | | | | | | | |
| 1982 dollars | 4.5 | 2.5 | 1.7 | 1.8 | .9 | 3.8 | -.7 | 2.0 |
| Chain price index | 3.7 | 4.3 | 4.4 | 3.1 | 3.7 | 6.1 | 4.1 | 3.5 |
| Fixed-weighted price index | 4.2 | 4.5 | 4.6 | 3.1 | 3.8 | 6.5 | 3.8 | 4.1 |
| **Final sales to domestic purchasers:** | | | | | | | | |
| 1982 dollars | 3.3 | 1.9 | 1.9 | 2.9 | -.7 | 2.5 | .2 | 2.7 |
| Chain price index | 3.8 | 4.4 | 4.6 | 2.5 | 4.1 | 6.5 | 2.9 | 4.6 |
| Fixed-weighted price index | 4.1 | 4.6 | 4.9 | 2.6 | 4.2 | 6.9 | 2.9 | 5.0 |
| **Command-basis gross national product:** | | | | | | | | |
| 1982 dollars | 4.5 | 2.7 | 1.6 | 2.9 | .1 | 1.0 | 1.8 | .4 |
| Implicit price deflator | 3.2 | 4.0 | 4.2 | 2.2 | 3.9 | 5.4 | 3.4 | 4.7 |
| **Gross domestic product:** | | | | | | | | |
| 1982 dollars | 4.4 | 2.5 | 2.1 | 1.4 | -.1 | 1.8 | 1.2 | 1.6 |
| Implicit price deflator | 3.3 | 4.0 | 3.9 | 3.5 | 3.5 | 4.8 | 4.7 | 3.4 |
| **Business:** | | | | | | | | |
| 1982 dollars | 4.6 | 2.4 | 1.9 | 1.1 | -.4 | 1.8 | .8 | 1.5 |
| Implicit price deflator | 3.1 | 4.0 | 4.0 | 3.3 | 3.6 | 4.2 | 4.8 | 3.1 |
| **Nonfarm:** | | | | | | | | |
| 1982 dollars | 5.4 | 2.1 | 1.4 | .8 | -1.8 | 1.5 | 1.1 | 1.5 |
| Implicit price deflator | 2.8 | 3.9 | 4.6 | 3.3 | 3.9 | 3.5 | 4.8 | 3.5 |
| **Disposable personal income:** | | | | | | | | |
| Current dollars | 8.9 | 7.1 | 3.9 | 5.1 | 6.1 | 9.6 | 4.0 | 4.4 |
| 1982 dollars | 4.9 | 2.4 | -1.2 | 2.7 | 1.2 | 2.5 | .3 | -.6 |

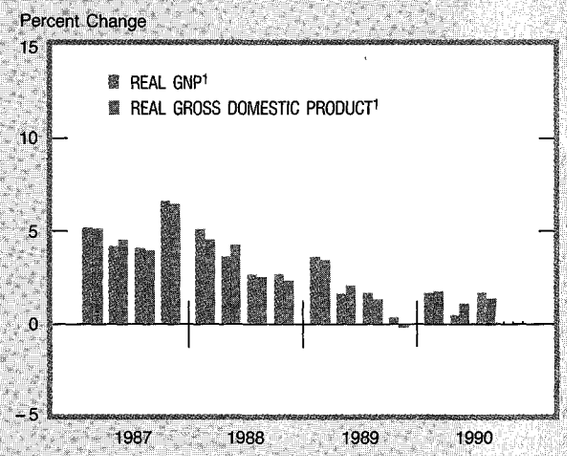
1. Percent changes for 1986 and the first quarter of 1986 reflect discontinuities in the series.

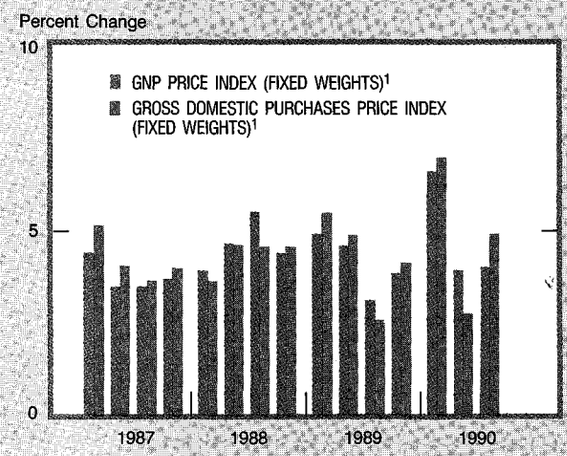
NOTE.—The fixed-weighted price index and the chain price index, both of which are weighted averages of the detailed prices used in the deflation of GNP, are measures of price change. In calculating changes in these indexes, the composition of GNP is held constant. Consequently these changes reflect only changes in prices. The fixed-weighted price index measures price change over any period, using as weights the composition of GNP in 1982. The chain price index measures price change between two consecutive periods, using as weights the composition of GNP in the first period. The implicit price deflator is a byproduct of the deflation of GNP. It is derived as the ratio of current- to constant-dollar GNP (multiplied by 100). It it the average of the detailed prices used in the deflation of GNP, but the prices are weighted by the composition of GNP in each period. Consequently, the implicit price deflator reflects not only changes in prices but also changes in the composition of GNP, and its use as a measure of price change should be avoided.

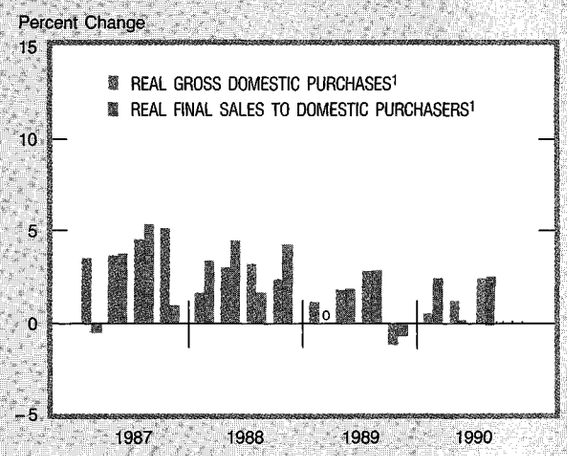
## NIPA Charts

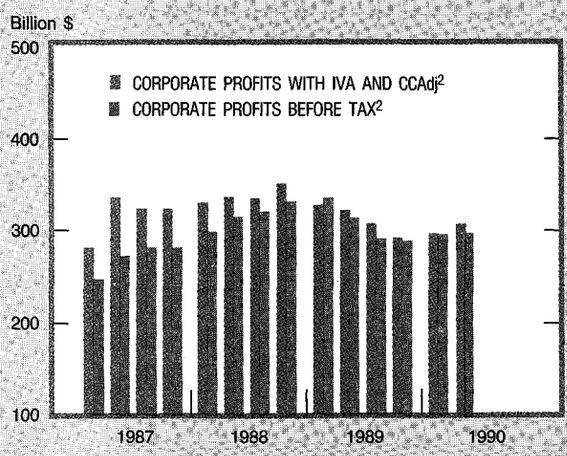

REAL GNP AND ITS COMPONENTS: TRENDS AND CYCLES
Billion 1982 $; seasonally adjusted annual rates
Dec. P
Nov. T
Nov. P
Mar. T
Jan. P
July T
July P
Nov. T
GNP
Personal consumption expenditures
Services
Nondurable goods
Durable goods
Gross private domestic investment
Fixed investment
Change in business inventories
Net exports of goods and services
Imports
Exports
Government purchases of goods and services
State and local
Federal
Scale L-2
Scale A
1964 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 1991

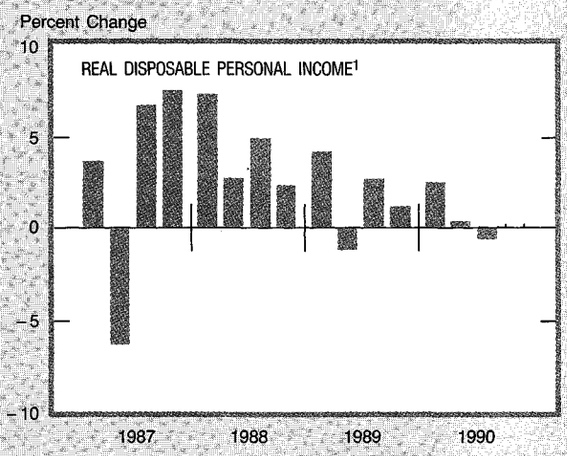
# SELECTED SERIES: RECENT QUARTERS

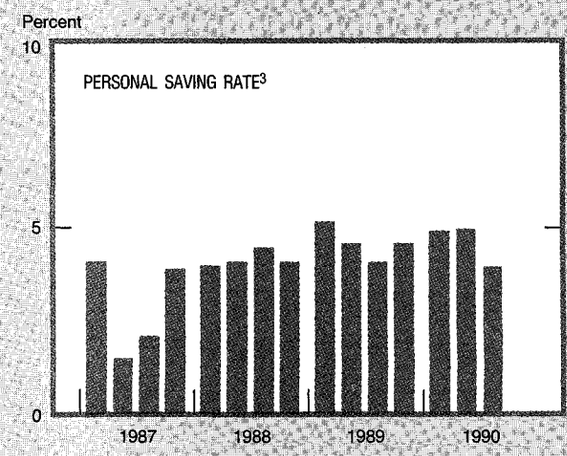



[1]Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.
[2]Seasonally adjusted annual rate; IVA is inventory-valuation adjustment, and CCAdj is capital consumption adjustment.
[3]Personal saving as percentage of disposable personal income; based on seasonally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

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

# REGIONAL PERSPECTIVES

## Personal Income Growth Slowed in Second Quarter 1990

PERSONAL income in the Nation increased only 1.3 percent in the second quarter of 1990, down from 2.1 percent in the first.[1] The slowdown was widespread: 38 States had slower growth in the second quarter than in the first (chart 4). Personal income growth slowed sharply in the Plains, Far West, and Southeast regions and slightly in the Southwest and Mideast regions. Income growth was unchanged in the Great Lakes and New England regions and picked up slightly in the Rocky Mountain region.

In the Plains region, personal income increased 0.3 percent in the second quarter after a 1.9-percent increase in the first. Farm income and construction payrolls declined after an increase (table 1). A drop in Federal farm subsidy payments contributed to the farm income decline. In addition, the payroll gain in retail trade was smaller in the second quarter than in the first. By State, personal income growth slowed in the second quarter in Iowa, Nebraska, South Dakota, Kansas, and Missouri and picked up in North Dakota and Minnesota.

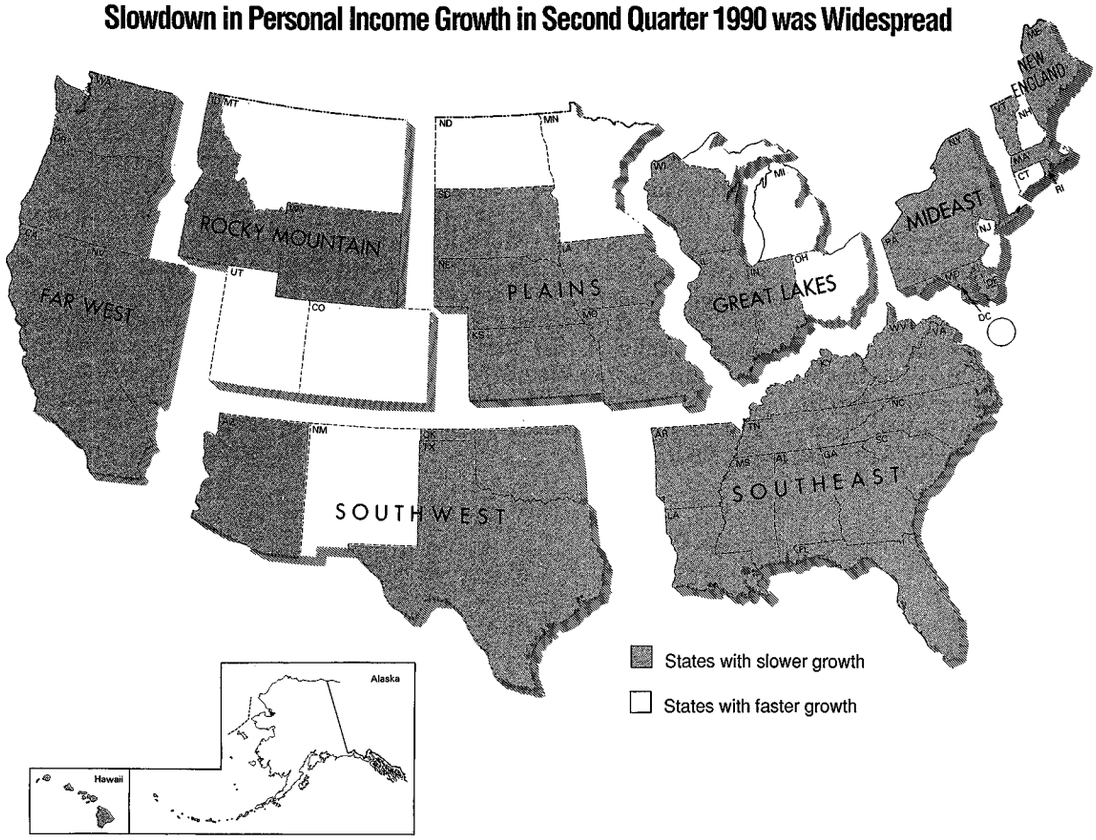
In the Far West, personal income increased 1.6 percent in the second quarter after a 3.2-percent increase in the first. Durables manufacturing payrolls declined after being boosted by bonuses in the aircraft industry in the first quarter. Payroll gains in transportation and public utilities and in wholesale and retail trade were smaller in the second quarter than in the first. All of the Far West States had slowdowns in income growth in the second quarter.

1. Percent changes shown in this article are not at annual rates.

NOTE.—This article was written by Howard L. Friedenberg and Rudolph E. DePass.

CHART 4

**Slowdown in Personal Income Growth in Second Quarter 1990 was Widespread**




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

90-10-4

**Table 1.—Percent Change in Personal Income for the United States and BEA Regions, 1990:I and 1990:II**

[Change from preceding quarter, not at annual rates]

| | Personal income | | | | Wage and salary disbursements (payrolls) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Farm | | Durables manufacturing | | Nondurables manufacturing | | Construction | | Transportation and public utilities | | Wholesale trade | | Retail trade | | Finance, insurance, and real estate | | Services | |
| | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II | 1990:I | 1990:II |
| **United States** | **2.1** | **1.3** | **24.6** | **-10.6** | **-0.2** | **1.2** | **0.4** | **1.5** | **1.5** | **-0.8** | **3.1** | **1.9** | **1.2** | **1.6** | **1.9** | **1.5** | **0.7** | **2.3** | **1.9** | **2.4** |
| Plains | 1.9 | .3 | 28.9 | -18.2 | -2.9 | -.2 | -.5 | 1.6 | 4.3 | -1.7 | -.3 | 2.1 | 1.1 | 1.2 | 1.8 | 1.2 | 1.3 | 2.3 | 1.4 | 2.4 |
| Far West | 3.2 | 1.6 | 7.7 | -1.7 | .9 | -.1 | -.7 | 1.4 | 1.1 | 1.4 | 3.1 | 2.4 | 4.0 | 2.2 | 2.6 | 2.3 | .9 | 2.9 | 3.0 | 3.0 |
| Southeast | 2.7 | 1.2 | 35.4 | -12.4 | 2.7 | .9 | 1.1 | .5 | 4.6 | -1.1 | 3.4 | 2.5 | 1.3 | 1.8 | 2.7 | 1.6 | .6 | 2.3 | 2.4 | 2.5 |
| Southwest | 1.7 | 1.3 | 3.0 | -3.5 | 2.9 | -1.1 | .4 | 1.1 | 2.0 | .5 | 2.9 | 2.7 | 2.1 | 1.2 | 2.7 | 1.8 | .5 | 1.8 | 1.5 | 2.2 |
| Mideast | 1.7 | 1.3 | 27.5 | -9.3 | -1.1 | .7 | .4 | 1.3 | -.4 | -1.2 | 5.3 | -.1 | -.5 | 1.2 | 1.3 | .8 | .5 | 2.2 | 2.3 | 2.2 |
| Great Lakes | 1.6 | 1.6 | 65.1 | -16.2 | -2.5 | 4.0 | .5 | 3.6 | 1.7 | -2.1 | 2.1 | 2.4 | .4 | 1.9 | 1.0 | 1.7 | .9 | 2.1 | 1.0 | 2.4 |
| New England | .9 | .9 | 21.3 | -7.4 | .7 | -.7 | 1.0 | -.4 | -6.1 | -4.1 | 4.4 | 1.3 | -2.0 | .2 | .3 | .3 | 1.0 | 2.3 | .4 | 1.6 |
| Rocky Mountain | 1.4 | 1.6 | -13.4 | 1.8 | 1.6 | 1.2 | -.9 | 3.2 | 3.6 | -1.3 | 2.2 | 2.6 | 4.7 | 2.0 | 1.8 | 3.0 | .7 | 2.5 | 1.3 | 3.0 |

In the Southeast, personal income increased 1.2 percent in the second quarter after a 2.7-percent increase in the first. Farm income and construction payrolls declined in the second quarter after increasing in the first. Moreover, payroll gains in both durables and nondurables manufacturing, in transportation and public utilities, and in retail trade were smaller in the second quarter than in the first. All of the Southeast States had slowdowns in income growth in the second quarter.

In the Southwest, personal income increased 1.3 percent in the second quarter after a 1.7-percent increase in the first. Farm income and durables manufacturing payrolls declined in the second quarter after increasing in the first. In addition, payroll gains in construction, in transportation and public utilities, and in wholesale and retail trade were smaller in the second quarter than in the first. All of the Southwest States except New Mexico had slowdowns in income growth in the second quarter.

In the Mideast, personal income increased 1.3 percent in the second quarter after a 1.7-percent increase in the first. A decline in construction payrolls that was larger in the second quarter than in the first contributed to the slowdown. Payrolls in transportation and public utilities also declined after a first-quarter gain. Payroll gains in retail trade and services were smaller in the second quarter than in the first. All of the Mideast States except New Jersey had slowdowns in income growth in the second quarter.

In the Great Lakes region, personal income increased 1.6 percent in the second quarter, the same rate as in the first. Downswings in farming and construction were offset by pickups in manufacturing and the private service-type industries (transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services). Within manufacturing, durables payrolls increased in the second quarter after declining in the first; a second-quarter increase in motor vehicle output (but only back up to the relatively low level of late 1989) boosted these payrolls, which had declined in the first quarter as firms cut output to reduce inventories in response to low domestic car sales. Payrolls in the private service-type industries increased more in the second quarter than in the first. By State, personal income growth slowed in the second quarter in Wisconsin, Indiana, and Illinois and picked up in Michigan and Ohio.

In New England, personal income increased 0.9 percent in the second quarter, the same rate as in the first. A downswing in manufacturing in the second quarter was offset by pickups in three of the private service-type industries. Within manufacturing, both durables and nondurables payrolls declined after an increase. Among private service-type industries, wholesale trade payrolls increased in the second quarter after declining in the first, and payrolls in finance, insurance, and real estate and in services increased more in the second quarter than in the first. By State, personal income growth slowed in the second quarter in Vermont, Maine, Rhode Island, and Massachusetts and picked up in Connecticut and New Hampshire.

In the Rocky Mountain region, personal income increased 1.6 percent in the second quarter after a 1.4-percent increase in the first. Farm income and nondurables manufacturing payrolls increased in the second quarter after declining in the first. Payroll gains in all private service-type industries except wholesale trade were larger in the second quarter than in the first. By State, personal income growth picked up in the second quarter in Montana, Colorado, and Utah and slowed in Idaho and Wyoming.

# State Personal Income, Summary Estimates for Second Quarter 1990

## Table 1.—Total Personal Income, States and Regions

[Millions of dollars, seasonally adjusted at annual rates]

| State and region | 1987 | | | | 1988 | | | | 1989 | | | | 1990 | | Percent change | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I r | II r | III r | IV r | I r | II r | III r | IV r | I r | II r | III r | IV r | I r | II p | 1990:I-1990:II | 1989:II-1990:II |
| **United States** [1] | **3,659,131** | **3,705,016** | **3,766,088** | **3,887,349** | **3,940,129** | **4,022,465** | **4,095,777** | **4,176,250** | **4,287,087** | **4,347,177** | **4,385,348** | **4,452,904** | **4,546,227** | **4,605,604** | **1.3** | **5.9** |
| **New England** | **230,668** | **235,480** | **241,737** | **249,533** | **253,375** | **259,518** | **265,318** | **271,941** | **276,448** | **279,923** | **281,875** | **283,986** | **286,403** | **288,893** | **.9** | **3.2** |
| Connecticut | 65,926 | 67,387 | 69,042 | 71,189 | 72,391 | 73,851 | 75,661 | 77,919 | 78,369 | 79,695 | 80,316 | 81,365 | 81,195 | 82,042 | 1.0 | 2.9 |
| Maine | 15,937 | 16,332 | 16,771 | 17,319 | 17,481 | 17,914 | 18,376 | 18,807 | 19,553 | 19,789 | 19,924 | 20,174 | 20,603 | 20,620 | .1 | 4.2 |
| Massachusetts | 108,134 | 110,212 | 113,223 | 116,786 | 118,869 | 121,828 | 124,331 | 127,333 | 129,441 | 130,819 | 131,791 | 132,422 | 133,755 | 134,866 | .8 | 3.1 |
| New Hampshire | 18,215 | 18,675 | 19,262 | 20,059 | 20,290 | 20,860 | 21,306 | 21,820 | 22,256 | 22,445 | 22,532 | 22,533 | 22,666 | 23,008 | 1.5 | 2.5 |
| Rhode Island | 14,942 | 15,178 | 15,563 | 16,049 | 16,170 | 16,651 | 16,957 | 17,253 | 17,663 | 17,894 | 18,003 | 18,116 | 18,546 | 18,692 | .8 | 4.5 |
| Vermont | 7,513 | 7,696 | 7,876 | 8,130 | 8,174 | 8,414 | 8,687 | 8,810 | 9,166 | 9,281 | 9,310 | 9,375 | 9,637 | 9,666 | .3 | 4.1 |
| **Mideast** | **736,991** | **750,712** | **766,680** | **789,910** | **807,011** | **822,416** | **842,834** | **861,350** | **877,200** | **891,331** | **900,557** | **912,476** | **927,949** | **940,009** | **1.3** | **5.5** |
| Delaware | 10,198 | 10,432 | 10,663 | 11,002 | 11,007 | 11,299 | 11,676 | 11,845 | 12,216 | 12,392 | 12,513 | 12,629 | 12,989 | 13,095 | .8 | 5.7 |
| District of Columbia | 11,801 | 11,959 | 12,224 | 12,696 | 12,891 | 13,359 | 13,815 | 14,068 | 14,012 | 14,218 | 14,123 | 14,410 | 14,553 | 14,720 | 1.1 | 3.5 |
| Maryland | 79,877 | 81,500 | 83,353 | 86,154 | 87,910 | 89,458 | 92,304 | 93,695 | 96,542 | 98,143 | 99,345 | 100,489 | 102,923 | 104,103 | 1.1 | 6.1 |
| New Jersey | 150,797 | 153,340 | 157,070 | 162,064 | 165,821 | 169,223 | 173,980 | 178,315 | 180,049 | 182,967 | 185,350 | 187,406 | 189,977 | 192,891 | 1.5 | 5.4 |
| New York | 309,408 | 315,156 | 321,764 | 331,303 | 341,144 | 347,727 | 355,081 | 364,595 | 370,273 | 376,973 | 379,913 | 385,934 | 392,276 | 397,812 | 1.4 | 5.5 |
| Pennsylvania | 174,909 | 178,325 | 181,606 | 186,691 | 188,238 | 191,350 | 195,978 | 198,831 | 204,107 | 206,638 | 209,313 | 211,608 | 215,230 | 217,388 | 1.0 | 5.2 |
| **Great Lakes** | **623,437** | **627,332** | **636,596** | **657,287** | **665,634** | **673,291** | **683,711** | **694,138** | **716,215** | **724,584** | **731,658** | **739,937** | **751,704** | **763,824** | **1.6** | **5.4** |
| Illinois | 185,368 | 186,619 | 189,355 | 197,070 | 200,951 | 202,017 | 204,480 | 208,571 | 215,596 | 218,202 | 220,407 | 223,589 | 227,140 | 229,459 | 1.0 | 5.2 |
| Indiana | 75,187 | 75,709 | 76,773 | 79,716 | 80,898 | 81,395 | 82,413 | 82,632 | 87,394 | 88,153 | 88,393 | 89,062 | 91,620 | 93,058 | 1.6 | 5.6 |
| Michigan | 140,120 | 141,075 | 142,470 | 146,079 | 147,865 | 149,716 | 152,903 | 155,302 | 158,298 | 160,577 | 163,252 | 164,930 | 165,649 | 169,251 | 2.2 | 5.4 |
| Ohio | 154,172 | 154,985 | 157,669 | 161,816 | 163,309 | 166,572 | 169,140 | 171,401 | 175,779 | 177,930 | 179,542 | 181,083 | 184,084 | 188,072 | 2.2 | 5.7 |
| Wisconsin | 68,589 | 68,945 | 70,329 | 72,606 | 72,611 | 73,591 | 74,775 | 76,232 | 79,149 | 79,723 | 80,064 | 81,272 | 83,211 | 83,984 | .9 | 5.3 |
| **Plains** | **254,262** | **251,951** | **252,536** | **268,750** | **267,902** | **270,418** | **267,893** | **273,925** | **285,378** | **288,670** | **288,777** | **297,045** | **302,761** | **303,811** | **.3** | **5.2** |
| Iowa | 39,341 | 37,636 | 37,274 | 42,185 | 41,509 | 40,430 | 40,057 | 40,076 | 43,835 | 43,740 | 43,557 | 44,783 | 46,792 | 45,725 | −2.3 | 4.5 |
| Kansas | 36,469 | 36,700 | 36,628 | 38,320 | 38,090 | 39,348 | 38,908 | 40,300 | 40,657 | 41,418 | 41,111 | 42,630 | 43,076 | 43,363 | .7 | 4.7 |
| Minnesota | 65,626 | 65,306 | 66,390 | 69,535 | 70,184 | 70,672 | 70,857 | 72,139 | 74,896 | 76,449 | 76,952 | 79,149 | 79,849 | 80,665 | 1.0 | 5.5 |
| Missouri | 73,299 | 73,622 | 74,431 | 76,549 | 76,953 | 78,506 | 79,165 | 80,604 | 82,390 | 83,589 | 84,456 | 85,775 | 86,947 | 87,871 | 1.1 | 5.1 |
| Nebraska | 22,104 | 21,577 | 21,311 | 24,129 | 23,105 | 23,891 | 22,704 | 23,734 | 24,818 | 24,875 | 24,554 | 25,294 | 26,685 | 26,584 | −.4 | 6.9 |
| North Dakota | 8,727 | 8,495 | 8,017 | 8,717 | 8,788 | 8,530 | 7,562 | 8,055 | 9,036 | 8,828 | 8,586 | 9,360 | 9,103 | 9,215 | 1.2 | 4.4 |
| South Dakota | 8,698 | 8,614 | 8,484 | 9,314 | 9,274 | 9,040 | 8,640 | 9,017 | 9,746 | 9,772 | 9,561 | 10,054 | 10,309 | 10,387 | .8 | 6.3 |
| **Southeast** | **760,677** | **771,368** | **786,769** | **810,109** | **818,203** | **839,623** | **856,363** | **870,920** | **896,213** | **907,693** | **912,144** | **929,110** | **954,307** | **965,794** | **1.2** | **6.4** |
| Alabama | 47,722 | 48,207 | 49,193 | 50,633 | 50,834 | 52,308 | 53,122 | 54,031 | 55,256 | 56,044 | 56,229 | 56,916 | 58,500 | 59,294 | 1.4 | 5.8 |
| Arkansas | 27,055 | 26,903 | 27,040 | 27,775 | 27,875 | 29,479 | 29,338 | 29,648 | 31,151 | 30,942 | 30,791 | 31,257 | 32,911 | 33,024 | .3 | 6.7 |
| Florida | 180,426 | 184,029 | 188,227 | 194,576 | 196,052 | 201,188 | 206,958 | 210,875 | 217,563 | 222,295 | 225,352 | 229,228 | 234,344 | 238,665 | 1.8 | 7.4 |
| Georgia | 86,467 | 87,880 | 89,749 | 92,547 | 93,747 | 96,209 | 97,952 | 99,532 | 101,756 | 103,008 | 103,686 | 104,799 | 107,737 | 109,102 | 1.3 | 5.9 |
| Kentucky | 43,172 | 43,889 | 44,918 | 46,200 | 46,373 | 47,368 | 48,225 | 48,686 | 50,701 | 50,806 | 51,282 | 52,070 | 53,940 | 54,331 | .7 | 6.9 |
| Louisiana | 50,525 | 50,161 | 50,888 | 51,969 | 52,630 | 53,800 | 54,164 | 55,132 | 55,891 | 56,413 | 56,655 | 57,500 | 59,107 | 59,592 | .8 | 5.6 |
| Mississippi | 26,695 | 26,547 | 26,878 | 27,472 | 28,080 | 28,915 | 29,193 | 29,694 | 30,579 | 30,628 | 30,679 | 31,045 | 31,962 | 32,204 | .8 | 5.1 |
| North Carolina | 82,381 | 84,017 | 85,894 | 88,323 | 89,319 | 91,376 | 93,712 | 95,311 | 98,248 | 99,467 | 99,950 | 101,786 | 104,740 | 105,627 | .8 | 6.2 |
| South Carolina | 40,116 | 40,866 | 41,606 | 42,803 | 43,212 | 44,446 | 45,241 | 45,969 | 47,861 | 48,343 | 45,636 | 49,686 | 51,328 | 51,947 | 1.2 | 7.5 |
| Tennessee | 61,017 | 61,795 | 62,902 | 65,098 | 65,889 | 67,550 | 68,753 | 70,008 | 71,334 | 72,211 | 72,950 | 73,850 | 75,419 | 76,102 | .9 | 5.4 |
| Virginia | 94,671 | 96,437 | 98,606 | 101,446 | 102,836 | 105,430 | 107,832 | 109,942 | 113,010 | 114,888 | 116,000 | 117,737 | 120,230 | 121,629 | 1.2 | 5.9 |
| West Virginia | 20,428 | 20,635 | 20,868 | 21,266 | 21,358 | 21,554 | 21,874 | 22,091 | 22,864 | 22,649 | 22,935 | 23,236 | 24,089 | 24,276 | .8 | 7.2 |
| **Southwest** | **332,388** | **333,582** | **338,325** | **346,727** | **350,582** | **360,913** | **365,300** | **372,544** | **381,528** | **386,569** | **389,303** | **397,427** | **404,365** | **409,544** | **1.3** | **5.9** |
| Arizona | 47,485 | 48,269 | 48,792 | 50,515 | 50,719 | 51,852 | 52,888 | 53,475 | 55,123 | 55,805 | 56,564 | 57,291 | 58,209 | 59,005 | 1.4 | 5.7 |
| New Mexico | 17,372 | 17,626 | 17,827 | 18,214 | 18,247 | 18,663 | 18,781 | 19,203 | 19,531 | 19,953 | 20,185 | 20,649 | 20,832 | 21,094 | 1.3 | 5.7 |
| Oklahoma | 40,492 | 40,392 | 40,852 | 41,465 | 42,037 | 42,763 | 43,272 | 44,048 | 44,949 | 45,356 | 45,540 | 46,705 | 47,505 | 47,943 | .9 | 5.7 |
| Texas | 227,039 | 227,295 | 230,854 | 236,533 | 239,579 | 247,634 | 250,360 | 255,818 | 261,926 | 265,454 | 267,014 | 272,782 | 277,820 | 281,502 | 1.3 | 6.0 |
| **Rocky Mountain** | **97,174** | **98,448** | **99,001** | **101,067** | **101,544** | **104,102** | **105,111** | **107,871** | **110,107** | **112,021** | **112,714** | **115,848** | **117,443** | **119,281** | **1.6** | **6.5** |
| Colorado | 50,506 | 51,118 | 51,406 | 52,797 | 52,805 | 54,161 | 54,608 | 55,850 | 56,907 | 57,874 | 58,388 | 59,717 | 60,305 | 61,449 | 1.9 | 6.2 |
| Idaho | 11,590 | 11,773 | 11,947 | 12,036 | 12,238 | 12,558 | 12,798 | 13,153 | 13,652 | 13,817 | 13,821 | 14,301 | 14,909 | 14,977 | .5 | 8.4 |
| Montana | 10,012 | 9,954 | 9,941 | 10,013 | 10,044 | 10,248 | 10,205 | 10,946 | 11,097 | 11,282 | 11,158 | 11,831 | 11,686 | 11,756 | .6 | 4.2 |
| Utah | 18,922 | 19,317 | 19,414 | 19,826 | 20,067 | 20,496 | 20,877 | 21,257 | 21,680 | 22,217 | 22,444 | 22,965 | 23,399 | 23,877 | 2.0 | 7.5 |
| Wyoming | 6,143 | 6,285 | 6,294 | 6,394 | 6,390 | 6,638 | 6,624 | 6,665 | 6,770 | 6,830 | 6,903 | 7,034 | 7,144 | 7,223 | 1.1 | 5.8 |
| **Far West** | **597,810** | **610,018** | **617,884** | **636,722** | **648,153** | **663,975** | **680,535** | **693,995** | **713,477** | **724,683** | **735,662** | **744,154** | **767,824** | **780,336** | **1.6** | **7.7** |
| California | 476,520 | 486,781 | 492,445 | 507,641 | 516,955 | 529,518 | 543,228 | 553,179 | 568,003 | 575,767 | 584,068 | 588,912 | 608,428 | 618,878 | 1.7 | 7.5 |
| Nevada | 15,813 | 16,168 | 16,640 | 17,300 | 17,838 | 18,533 | 19,184 | 19,732 | 20,591 | 21,148 | 21,643 | 22,230 | 22,866 | 23,233 | 1.6 | 9.9 |
| Oregon | 36,727 | 37,292 | 37,997 | 38,869 | 39,585 | 40,505 | 41,362 | 42,511 | 43,463 | 44,550 | 45,180 | 46,375 | 47,303 | 48,098 | 1.7 | 8.0 |
| Washington | 68,750 | 69,777 | 70,802 | 72,912 | 73,774 | 75,419 | 76,761 | 78,573 | 81,419 | 83,218 | 84,771 | 86,636 | 89,227 | 90,127 | 1.0 | 8.3 |
| Alaska | 9,475 | 9,557 | 9,605 | 9,759 | 9,837 | 10,023 | 10,122 | 10,393 | 10,758 | 11,409 | 11,819 | 11,644 | 11,800 | 12,087 | 2.4 | 5.9 |
| Hawaii | 16,248 | 16,568 | 16,956 | 17,487 | 17,888 | 18,186 | 18,589 | 19,174 | 19,764 | 20,294 | 20,838 | 21,277 | 21,671 | 22,025 | 1.6 | 8.5 |
| | Census Divisions | | | | | | | | | | | | | | | |
| New England | 230,668 | 235,480 | 241,737 | 249,533 | 253,375 | 259,518 | 265,318 | 271,941 | 276,448 | 279,923 | 281,875 | 283,986 | 286,403 | 288,893 | .9 | 3.2 |
| Middle Atlantic | 635,114 | 646,821 | 660,440 | 680,058 | 695,203 | 708,300 | 725,039 | 741,741 | 754,429 | 766,577 | 774,575 | 784,948 | 797,484 | 808,091 | 1.3 | 5.4 |
| East North Central | 623,437 | 627,332 | 636,596 | 657,287 | 665,634 | 673,291 | 683,711 | 694,138 | 716,215 | 724,584 | 731,658 | 739,937 | 751,704 | 763,824 | 1.6 | 5.4 |
| West North Central | 254,262 | 251,951 | 252,536 | 268,750 | 267,902 | 270,418 | 267,893 | 273,925 | 285,378 | 288,670 | 288,777 | 297,045 | 302,761 | 303,811 | .3 | 5.2 |
| South Atlantic | 606,366 | 617,756 | 631,191 | 650,813 | 658,331 | 674,319 | 691,364 | 703,328 | 724,072 | 735,403 | 739,541 | 754,000 | 772,932 | 783,165 | 1.3 | 6.5 |
| East South Central | 178,607 | 180,439 | 183,891 | 189,403 | 191,176 | 196,141 | 199,292 | 202,421 | 207,870 | 209,689 | 211,139 | 213,881 | 219,821 | 221,931 | 1.0 | 5.8 |
| West South Central | 345,111 | 344,751 | 349,633 | 357,742 | 362,121 | 373,676 | 377,134 | 384,646 | 393,916 | 398,166 | 399,999 | 408,244 | 417,343 | 422,061 | 1.1 | 6.0 |
| Mountain | 177,844 | 180,511 | 182,260 | 187,096 | 188,348 | 193,150 | 195,964 | 200,281 | 205,351 | 208,927 | 211,107 | 216,018 | 219,349 | 222,614 | 1.5 | 6.6 |
| Pacific | 607,720 | 619,975 | 627,805 | 646,668 | 658,039 | 673,651 | 690,062 | 703,829 | 723,407 | 735,238 | 746,676 | 754,844 | 778,429 | 791,215 | 1.6 | 7.6 |

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

NOTE.—The quarterly estimates of State personal income were prepared by Francis G. McFaul, James P. Stehle, Isabelle B. Whiston, and James M. Zavrel, under the supervision of Robert L. Brown.

## Table 2.—Nonfarm Personal Income, States and Regions

[Millions of dollars, seasonally adjusted at annual rates]

| State and region | 1987 | | | | 1988 | | | | 1989 | | | | 1990 | | Percent change | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I r | II r | III r | IV r | I r | II r | III r | IV r | I r | II r | III r | IV r | I r | II p | 1990:I-1990:II | 1989:II-1990:II |
| **United States** | **3,607,941** | **3,661,413** | **3,728,115** | **3,829,455** | **3,888,588** | **3,968,336** | **4,051,751** | **4,131,445** | **4,223,412** | **4,293,701** | **4,345,833** | **4,405,301** | **4,486,896** | **4,552,556** | **1.5** | **6.0** |
| **New England** | **230,004** | **234,758** | **240,988** | **248,760** | **252,758** | **258,822** | **264,464** | **271,196** | **275,643** | **279,217** | **281,211** | **283,290** | **285,558** | **288,111** | **.9** | **3.2** |
| Connecticut | 65,771 | 67,219 | 68,871 | 71,007 | 72,253 | 73,693 | 75,471 | 77,750 | 78,182 | 79,529 | 80,165 | 81,209 | 81,005 | 81,862 | 1.1 | 2.9 |
| Maine | 15,819 | 16,208 | 16,640 | 17,185 | 17,392 | 17,819 | 18,250 | 18,697 | 19,411 | 19,669 | 19,808 | 20,042 | 20,451 | 20,490 | .2 | 4.2 |
| Massachusetts | 107,939 | 110,001 | 113,010 | 116,564 | 118,674 | 121,607 | 124,063 | 127,100 | 129,195 | 130,603 | 131,592 | 132,222 | 133,499 | 134,635 | .9 | 3.1 |
| New Hampshire | 18,165 | 18,620 | 19,199 | 19,998 | 20,238 | 20,799 | 21,231 | 21,756 | 22,201 | 22,395 | 22,483 | 22,485 | 22,611 | 22,952 | 1.5 | 2.5 |
| Rhode Island | 14,902 | 15,133 | 15,517 | 15,999 | 16,134 | 16,609 | 16,904 | 17,207 | 17,614 | 17,852 | 17,964 | 18,075 | 18,496 | 18,646 | .8 | 4.4 |
| Vermont | 7,408 | 7,577 | 7,750 | 8,007 | 8,068 | 8,295 | 8,544 | 8,686 | 9,039 | 9,168 | 9,200 | 9,256 | 9,496 | 9,525 | .3 | 3.9 |
| **Mideast** | **734,997** | **748,540** | **764,572** | **787,462** | **804,797** | **820,034** | **840,139** | **858,907** | **874,175** | **888,594** | **898,227** | **910,041** | **924,843** | **937,193** | **1.3** | **5.5** |
| Delaware | 10,077 | 10,309 | 10,547 | 10,855 | 10,871 | 11,134 | 11,458 | 11,644 | 11,995 | 12,190 | 12,356 | 12,464 | 12,766 | 12,907 | 1.1 | 5.9 |
| District of Columbia | 11,801 | 11,959 | 12,224 | 12,696 | 12,891 | 13,359 | 13,815 | 14,068 | 14,012 | 14,218 | 14,123 | 14,410 | 14,553 | 14,720 | 1.1 | 3.5 |
| Maryland | 79,515 | 81,130 | 83,004 | 85,715 | 87,541 | 89,038 | 91,819 | 93,249 | 95,984 | 97,713 | 98,986 | 100,112 | 102,341 | 103,671 | 1.3 | 6.1 |
| New Jersey | 150,565 | 153,084 | 156,815 | 161,783 | 165,577 | 168,953 | 173,674 | 178,033 | 179,735 | 182,684 | 185,118 | 187,165 | 189,689 | 192,617 | 1.5 | 5.4 |
| New York | 308,866 | 314,568 | 321,183 | 330,637 | 340,446 | 347,031 | 354,324 | 363,898 | 369,428 | 376,148 | 379,219 | 385,226 | 391,401 | 396,963 | 1.4 | 5.5 |
| Pennsylvania | 174,173 | 177,491 | 180,800 | 185,775 | 187,472 | 190,518 | 195,049 | 198,015 | 203,020 | 205,641 | 208,427 | 210,663 | 214,094 | 216,315 | 1.0 | 5.2 |
| **Great Lakes** | **617,278** | **622,856** | **633,422** | **647,846** | **656,926** | **667,165** | **681,484** | **692,772** | **706,180** | **716,177** | **726,218** | **734,033** | **741,957** | **755,655** | **1.8** | **5.5** |
| Illinois | 183,727 | 185,660 | 189,092 | 193,769 | 197,800 | 200,097 | 204,575 | 208,759 | 212,197 | 215,587 | 218,756 | 221,834 | 223,545 | 226,631 | 1.4 | 5.1 |
| Indiana | 73,915 | 74,928 | 76,404 | 78,394 | 78,800 | 80,205 | 82,210 | 83,349 | 85,783 | 86,766 | 87,555 | 88,109 | 89,844 | 91,621 | 2.0 | 5.6 |
| Michigan | 139,390 | 140,528 | 141,952 | 144,895 | 147,123 | 149,115 | 152,590 | 154,848 | 157,259 | 159,618 | 162,641 | 164,299 | 164,709 | 168,472 | 2.3 | 5.5 |
| Ohio | 153,283 | 154,208 | 157,118 | 160,468 | 162,102 | 165,579 | 168,612 | 171,117 | 174,575 | 176,881 | 178,879 | 180,355 | 182,944 | 187,174 | 2.3 | 5.8 |
| Wisconsin | 66,963 | 67,533 | 68,857 | 70,321 | 71,101 | 72,168 | 73,497 | 74,698 | 76,365 | 77,325 | 78,386 | 79,435 | 80,916 | 81,757 | 1.0 | 5.7 |
| **Plains** | **241,455** | **243,762** | **247,169** | **252,041** | **254,538** | **259,065** | **262,647** | **267,789** | **272,758** | **278,617** | **282,506** | **287,455** | **290,396** | **293,694** | **1.1** | **5.4** |
| Iowa | 35,671 | 36,174 | 36,559 | 37,388 | 37,518 | 38,056 | 38,754 | 39,587 | 40,434 | 41,315 | 41,813 | 42,715 | 43,206 | 43,495 | .7 | 5.3 |
| Kansas | 34,703 | 35,143 | 35,679 | 36,359 | 36,636 | 37,499 | 37,991 | 38,667 | 39,556 | 40,209 | 40,650 | 41,301 | 41,835 | 42,255 | 1.0 | 5.1 |
| Minnesota | 63,368 | 63,886 | 65,022 | 66,374 | 67,509 | 68,815 | 69,687 | 71,448 | 72,132 | 74,387 | 75,389 | 77,136 | 77,162 | 78,241 | 1.4 | 5.2 |
| Missouri | 72,352 | 72,933 | 73,816 | 75,281 | 75,944 | 77,429 | 78,584 | 79,727 | 81,320 | 82,651 | 83,954 | 84,826 | 86,025 | 87,059 | 1.2 | 5.3 |
| Nebraska | 20,006 | 20,187 | 20,496 | 20,849 | 21,063 | 21,260 | 21,548 | 22,003 | 22,543 | 22,990 | 23,366 | 23,799 | 24,182 | 24,493 | 1.3 | 6.5 |
| North Dakota | 7,682 | 7,716 | 7,771 | 7,810 | 7,824 | 7,835 | 7,842 | 7,954 | 8,153 | 8,259 | 8,390 | 8,554 | 8,656 | 8,722 | .8 | 5.6 |
| South Dakota | 7,672 | 7,723 | 7,826 | 7,981 | 8,044 | 8,171 | 8,243 | 8,404 | 8,621 | 8,805 | 8,945 | 9,124 | 9,331 | 9,430 | 1.1 | 7.1 |
| **Southeast** | **749,618** | **761,392** | **776,969** | **799,370** | **807,508** | **826,073** | **842,933** | **857,272** | **880,050** | **894,683** | **902,202** | **918,560** | **940,018** | **953,280** | **1.4** | **6.5** |
| Alabama | 46,845 | 47,435 | 48,422 | 49,789 | 49,968 | 51,264 | 51,911 | 52,795 | 54,031 | 55,015 | 55,375 | 56,041 | 57,406 | 58,184 | 1.4 | 5.8 |
| Arkansas | 25,383 | 25,744 | 26,087 | 26,691 | 26,910 | 27,444 | 27,788 | 28,143 | 28,846 | 29,374 | 29,875 | 30,343 | 31,096 | 31,489 | 1.3 | 7.2 |
| Florida | 178,480 | 181,900 | 185,928 | 192,267 | 193,787 | 198,701 | 204,052 | 208,240 | 214,718 | 219,727 | 223,188 | 227,098 | 231,984 | 236,826 | 2.1 | 7.8 |
| Georgia | 85,343 | 86,780 | 88,728 | 91,350 | 92,649 | 94,960 | 96,546 | 98,034 | 100,119 | 101,571 | 102,483 | 103,657 | 106,160 | 107,685 | 1.4 | 6.0 |
| Kentucky | 42,474 | 43,044 | 43,973 | 45,124 | 45,442 | 46,322 | 47,172 | 47,690 | 49,083 | 49,510 | 50,259 | 50,828 | 52,199 | 52,872 | 1.3 | 6.8 |
| Louisiana | 49,634 | 49,748 | 50,459 | 51,568 | 51,928 | 52,737 | 53,469 | 54,123 | 54,829 | 55,786 | 56,323 | 57,112 | 58,347 | 58,946 | 1.0 | 5.7 |
| Mississippi | 25,587 | 25,805 | 26,262 | 26,906 | 27,132 | 27,724 | 28,210 | 28,588 | 29,342 | 29,851 | 30,175 | 30,486 | 31,128 | 31,489 | 1.2 | 5.5 |
| North Carolina | 81,062 | 82,670 | 84,533 | 86,729 | 88,010 | 89,801 | 91,962 | 93,661 | 96,211 | 97,661 | 98,491 | 100,192 | 102,697 | 103,742 | 1.0 | 6.2 |
| South Carolina | 39,794 | 40,542 | 41,312 | 42,450 | 42,864 | 44,018 | 44,869 | 45,531 | 47,349 | 47,896 | 45,302 | 49,266 | 50,833 | 51,517 | 1.3 | 7.6 |
| Tennessee | 60,413 | 61,226 | 62,334 | 64,438 | 65,251 | 66,814 | 68,032 | 69,176 | 70,437 | 71,540 | 72,457 | 73,235 | 74,668 | 75,423 | 1.0 | 5.4 |
| Virginia | 94,222 | 95,918 | 98,118 | 100,842 | 102,265 | 104,800 | 107,120 | 109,268 | 112,283 | 114,165 | 115,391 | 117,112 | 119,466 | 120,884 | 1.2 | 5.9 |
| West Virginia | 20,380 | 20,579 | 20,812 | 21,217 | 21,302 | 21,488 | 21,803 | 22,022 | 22,802 | 22,588 | 22,881 | 23,189 | 24,035 | 24,223 | .8 | 7.2 |
| **Southwest** | **325,604** | **328,167** | **333,589** | **341,709** | **345,719** | **354,108** | **360,234** | **366,150** | **374,667** | **381,087** | **385,725** | **392,289** | **399,073** | **404,436** | **1.3** | **6.1** |
| Arizona | 46,811 | 47,655 | 48,247 | 49,947 | 50,125 | 51,092 | 52,248 | 52,877 | 54,371 | 55,267 | 56,097 | 56,771 | 57,606 | 58,494 | 1.5 | 5.8 |
| New Mexico | 17,087 | 17,291 | 17,576 | 17,938 | 17,965 | 18,352 | 18,499 | 18,851 | 19,227 | 19,657 | 19,903 | 20,218 | 20,543 | 20,806 | 1.3 | 5.8 |
| Oklahoma | 39,135 | 39,379 | 39,931 | 40,495 | 40,876 | 41,605 | 42,139 | 42,737 | 43,550 | 44,198 | 44,685 | 45,513 | 46,239 | 46,739 | 1.1 | 5.7 |
| Texas | 222,571 | 223,841 | 227,835 | 233,330 | 236,753 | 243,059 | 247,348 | 251,685 | 257,519 | 261,965 | 265,039 | 269,788 | 274,685 | 278,396 | 1.4 | 6.3 |
| **Rocky Mountain** | **95,115** | **96,098** | **97,035** | **99,076** | **99,836** | **101,804** | **103,306** | **105,158** | **107,522** | **109,574** | **110,925** | **112,882** | **114,875** | **116,667** | **1.6** | **6.5** |
| Colorado | 49,893 | 50,352 | 50,868 | 51,990 | 52,230 | 53,222 | 53,966 | 54,936 | 56,067 | 57,021 | 57,761 | 58,714 | 59,450 | 60,537 | 1.8 | 6.2 |
| Idaho | 10,916 | 11,007 | 11,151 | 11,410 | 11,593 | 11,830 | 12,042 | 12,276 | 12,661 | 12,911 | 13,098 | 13,349 | 13,779 | 13,872 | .7 | 7.4 |
| Montana | 9,436 | 9,466 | 9,548 | 9,705 | 9,806 | 10,007 | 10,110 | 10,376 | 10,590 | 10,830 | 10,907 | 11,105 | 11,353 | 11,413 | .5 | 5.4 |
| Utah | 18,771 | 19,112 | 19,238 | 19,641 | 19,890 | 20,250 | 20,636 | 21,006 | 21,477 | 22,020 | 22,278 | 22,733 | 23,193 | 23,668 | 2.0 | 7.5 |
| Wyoming | 6,099 | 6,161 | 6,230 | 6,332 | 6,317 | 6,494 | 6,551 | 6,563 | 6,727 | 6,793 | 6,881 | 6,980 | 7,101 | 7,177 | 1.1 | 5.7 |
| **Far West** | **588,394** | **599,978** | **608,091** | **626,228** | **639,034** | **653,322** | **668,130** | **682,911** | **702,146** | **714,289** | **726,398** | **734,074** | **756,964** | **769,664** | **1.7** | **7.8** |
| California | 469,401 | 479,242 | 484,936 | 499,457 | 509,985 | 521,349 | 533,664 | 544,903 | 559,511 | 568,010 | 577,104 | 581,617 | 600,575 | 610,979 | 1.7 | 7.6 |
| Nevada | 15,768 | 16,111 | 16,585 | 17,247 | 17,789 | 18,471 | 19,121 | 19,668 | 20,509 | 21,074 | 21,581 | 22,163 | 22,785 | 23,155 | 1.6 | 9.9 |
| Oregon | 35,953 | 36,397 | 37,167 | 37,995 | 38,729 | 39,513 | 40,221 | 41,436 | 42,462 | 43,634 | 44,372 | 45,399 | 46,289 | 47,112 | 1.8 | 8.0 |
| Washington | 67,271 | 68,229 | 69,402 | 71,529 | 72,530 | 73,989 | 75,125 | 76,904 | 79,664 | 81,571 | 83,341 | 84,895 | 87,315 | 88,418 | 1.3 | 8.4 |
| Alaska | 9,464 | 9,545 | 9,584 | 9,745 | 9,826 | 10,011 | 10,105 | 10,375 | 10,746 | 11,398 | 11,809 | 11,630 | 11,787 | 12,076 | 2.4 | 5.9 |
| Hawaii | 16,013 | 16,316 | 16,697 | 17,216 | 17,647 | 17,932 | 18,310 | 18,913 | 19,526 | 20,067 | 20,613 | 21,046 | 21,425 | 21,782 | 1.7 | 8.5 |
| | Census Divisions | | | | | | | | | | | | | | | |
| New England | 230,004 | 234,758 | 240,988 | 248,760 | 252,758 | 258,822 | 264,464 | 271,196 | 275,643 | 279,217 | 281,211 | 283,290 | 285,558 | 288,111 | .9 | 3.2 |
| Middle Atlantic | 633,604 | 645,142 | 658,798 | 678,195 | 693,495 | 706,502 | 723,047 | 739,946 | 752,183 | 764,473 | 772,763 | 783,054 | 795,184 | 805,894 | 1.3 | 5.4 |
| East North Central | 617,278 | 622,856 | 633,422 | 647,846 | 656,926 | 667,165 | 681,484 | 692,772 | 706,180 | 716,177 | 726,218 | 734,033 | 741,957 | 755,655 | 1.8 | 5.5 |
| West North Central | 241,455 | 243,762 | 247,169 | 252,041 | 254,538 | 259,065 | 262,647 | 267,789 | 272,758 | 278,617 | 282,506 | 287,455 | 290,396 | 293,694 | 1.1 | 5.4 |
| South Atlantic | 600,675 | 611,786 | 625,205 | 644,121 | 652,179 | 667,300 | 683,443 | 695,718 | 715,474 | 727,729 | 733,201 | 747,501 | 764,834 | 776,174 | 1.5 | 6.7 |
| East South Central | 175,319 | 177,511 | 180,991 | 186,257 | 187,793 | 192,124 | 195,325 | 198,249 | 202,893 | 205,916 | 208,267 | 210,591 | 215,401 | 217,968 | 1.2 | 5.9 |
| West South Central | 336,723 | 338,713 | 344,313 | 352,084 | 356,467 | 364,845 | 370,743 | 376,689 | 384,744 | 391,322 | 395,922 | 402,756 | 410,367 | 415,571 | 1.3 | 6.2 |
| Mountain | 174,781 | 177,155 | 179,443 | 184,208 | 185,715 | 189,719 | 193,174 | 196,553 | 201,629 | 205,572 | 208,506 | 212,034 | 215,809 | 219,122 | 1.5 | 6.6 |
| Pacific | 598,103 | 609,729 | 617,786 | 635,942 | 648,717 | 662,793 | 677,424 | 692,532 | 711,910 | 724,679 | 737,238 | 744,587 | 767,391 | 780,366 | 1.7 | 7.7 |

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NOTE.—Nonfarm personal income is total personal income less farm earnings.

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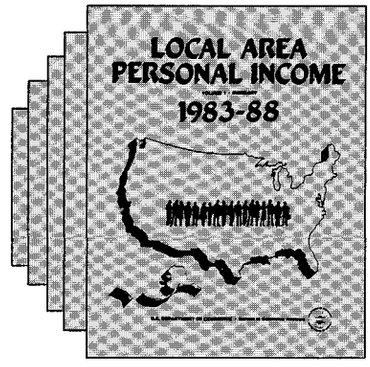
# LOCAL AREA PERSONAL INCOME, 1983-88

**LOCAL ECONOMIC DATA AT YOUR FINGERTIPS**

- Per capita personal income
- Personal income by type:
  - -Wage and salary disbursements
  - -Other labor income
  - -Farm and nonfarm proprietors' income
  - -Dividends, interest, and rent
  - -Transfer payments
- Earnings by industry
- Coverage for counties, metropolitan areas, States, regions, and the United States

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By REGIONAL ECONOMIC ANALYSIS DIVISION

# Metropolitan Statistical Area Projections of Income, Employment, and Population to the Year 2000

THIS article presents metropolitan statistical area (MSA) projections to the year 2000 of total personal income, per capita personal income, employment, and population. The MSA projections are based on data through 1988; they update the projections based on data through 1983 presented in the October 1985 SURVEY OF CURRENT BUSINESS. These new projections are consistent with the State projections that were presented in the May 1990 SURVEY.[1]

The MSA projections are based on an extension of past economic relationships and assume no major policy changes; they are baseline projections. They are neither goals for, nor limits on, future economic activity in any MSA. These projections have three major uses: (1) Assessing future demand for goods and services by households, businesses, and government, (2) analyzing economic trends to anticipate future economic problems, and (3) providing baselines with which to compare policy forecasts in measuring the effects of policies.

The projections were made in four steps. In the first step, the national projections were developed. In the second step, the national projections were distributed among the States according to the historical record of each State's share of the national totals. In the third step, projections for each State were distributed among substate areas according to the historical record of each substate area's share of the State totals. In the fourth step, the substate-area projections were summed to arrive at projections for the MSA's.[2]

Table 1 shows projections for the 336 metropolitan areas recognized as of June 1989 by the Office of Management and Budget (OMB) for Federal statistical purposes. Most of the areas are classified simply as MSA's. However, if an area has more than 1 million residents and meets other criteria, it is classified as a "consolidated metropolitan statistical area" (CMSA), which consists of two or more primary metropolitan statistical areas (PMSA's).

The metropolitan areas are defined in terms of counties in all regions except New England, where cities and towns are the primary units. In this region, OMB recognizes alternative county-based areas, which are termed "New England county metropolitan areas" (NECMA's). Because the data to estimate economic activity for New England cities and towns are insufficient, the NECMA definitions are used in these projections.

The geographic definition of each metropolitan area is held constant for the entire historical and projected data series; that is, the counties in a metropolitan area as of June 1989 are included in that area for the earlier years, even though they may not have been officially part of the metropolitan area earlier.

The 336 metropolitan areas in table 1 consist of 249 MSA's, 15 NECMA's (excluding the Bridgeport-Stamford-Norwalk-Danbury, CT, NECMA), and 17 CMSA's comprising 55 PMSA's (including Bridgeport).[3]

NOTE.—BEA's regional projections program is under the guidance and direction of Hugh W. Knox, Associate Director for Regional Economics. The MSA projections were prepared under the supervision of Kenneth P. Johnson, Chief of the Projections Branch of the Regional Economic Analysis Division, by Lyle Spatz, Duane G. Hackmann, Gerard P. Aman, George K. Downey, and John S. Turner. The projections were developed from historical estimates of earnings, income, and employment prepared by the Regional Economic Measurement Division under the direction of Linnea Hazen, Chief.

1. Kenneth P. Johnson, John R. Kort, and Howard L. Friedenberg, "Regional and State Projections of Income, Employment, and Population to the Year 2000," SURVEY OF CURRENT BUSINESS 70 (May 1990): 33–54. This article discusses projected trends in economic activity and population for regions and States.

2. The substate areas are defined so that their boundaries do not cross State or MSA boundaries. Additional information on projection methodology is available in the three-volume set, *BEA Regional Projections to 2040*; see the box on data availability for ordering information.

3. The Bridgeport-Stamford-Norwalk-Danbury, CT, NECMA (Fairfield County) is considered a PMSA and a component of the New York-Northern New Jersey-Long Island, NY-NJ-CT, CMSA.

**Data Availability**

*BEA Regional Projections to 2040* is published as a three-volume set. Each volume contains projections of economic activity and population for 1995, 2000, 2005, 2010, 2020, and 2040 and a discussion of the projection methodology. *Volume 1: States* presents projections of total personal income classified by major income components, of per capita personal income, of population for three age groups, and of earnings and employment—each of which is shown for 57 industrial groups. *Volume 2: Metropolitan Statistical Areas* and *Volume 3: BEA Economic Areas* present projections of total personal income, of per capita personal income, of total population, and of earnings and employment—each of which is shown for 14 industrial groups. All three volumes are available from the U.S. Government Printing Office. Ordering information appears on the inside back cover of this issue; volumes 2 and 3 are scheduled to be available by late November 1990.

The regional projections are also available on diskettes from BEA. Orders should specify the item's accession number and price.

States: Accession No. BEA REA 90–420, $40.00 (two diskettes).

MSA's: Accession No. BEA REA 90–430, $40.00 (two diskettes).

BEA economic areas: Accession No. BEA REA 90–440, $40.00 (two diskettes).

Send diskette orders to Public Information Office, Order Desk BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230. Payment by check or money order (payable to the Bureau of Economic Analysis) must accompany the order.

For more information, write to Regional Economic Analysis Division, BE-61, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; phone (202) 523–0959; or fax (202) 523–7338.

**Table 1.—Total Personal Income, Per Capita Personal Income, Population, and Employment by Metropolitan Area, 1988, 1995, and 2000**

| | Total personal income: Millions of 1982 dollars | | | Average annual growth rate (percent) | Per capita personal income: 1982 dollars | | | Rank in the United States | Population: Thousands of persons | | | Average annual growth rate (percent) | Employment: Thousands of jobs | | | Average annual growth rate (percent) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 2000 | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 1988–2000 |
| **United States [1]** | **3,255,648** | **3,756,405** | **4,108,386** | **2.0** | **13,245** | **14,469** | **15,345** | | **245,803** | **259,613** | **267,741** | **0.7** | **132,503** | **144,017** | **151,450** | **1.1** |
| **Consolidated metropolitan statistical areas [2]** | | | | | | | | | | | | | | | | |
| Buffalo, NY | 15,195 | 16,667 | 17,626 | 1.2 | 12,926 | 13,979 | 14,687 | | 1,176 | 1,192 | 1,200 | .2 | 612 | 645 | 665 | .7 |
| Chicago, IL | 123,857 | 139,196 | 150,207 | 1.6 | 15,140 | 16,306 | 17,173 | | 8,181 | 8,537 | 8,747 | .6 | 4,482 | 4,849 | 5,085 | 1.1 |
| Cincinnati, OH | 22,805 | 25,786 | 27,864 | 1.7 | 13,193 | 14,494 | 15,379 | | 1,728 | 1,779 | 1,812 | .4 | 939 | 1,010 | 1,055 | 1.0 |
| Cleveland, OH | 38,442 | 43,041 | 46,255 | 1.6 | 13,883 | 15,250 | 16,227 | | 2,769 | 2,822 | 2,850 | .2 | 1,480 | 1,557 | 1,607 | .7 |
| Dallas, TX | 54,099 | 63,362 | 69,860 | 2.2 | 14,365 | 15,818 | 16,866 | | 3,766 | 4,006 | 4,142 | .8 | 2,261 | 2,481 | 2,624 | 1.2 |
| Denver, CO | 27,244 | 32,350 | 36,125 | 2.4 | 14,664 | 15,877 | 16,782 | | 1,858 | 2,037 | 2,153 | 1.2 | 1,181 | 1,315 | 1,406 | 1.5 |
| Detroit, MI | 69,418 | 77,671 | 83,416 | 1.5 | 15,025 | 16,402 | 17,366 | | 4,620 | 4,736 | 4,803 | .3 | 2,366 | 2,521 | 2,623 | .9 |
| Houston, TX | 47,174 | 54,694 | 60,077 | 2.0 | 12,955 | 14,217 | 15,172 | | 3,641 | 3,847 | 3,960 | .7 | 1,905 | 2,068 | 2,177 | 1.1 |
| Los Angeles, CA | 209,456 | 249,879 | 278,161 | 2.4 | 15,211 | 16,345 | 17,189 | | 13,770 | 15,288 | 16,183 | 1.4 | 7,662 | 8,633 | 9,253 | 1.6 |
| Miami, FL | 44,157 | 51,892 | 57,328 | 2.2 | 14,716 | 16,033 | 17,002 | | 3,001 | 3,237 | 3,372 | 1.0 | 1,692 | 1,866 | 1,980 | 1.3 |
| Milwaukee, WI | 22,376 | 25,319 | 27,326 | 1.7 | 14,237 | 15,531 | 16,464 | | 1,572 | 1,630 | 1,660 | .5 | 937 | 1,005 | 1,047 | .9 |
| New York, NY | 319,944 | 359,018 | 386,270 | 1.6 | 17,789 | 19,289 | 20,357 | | 17,985 | 18,613 | 18,975 | .4 | 10,163 | 10,801 | 11,193 | .8 |
| Philadelphia, PA | 89,303 | 101,489 | 110,289 | 1.8 | 14,975 | 16,261 | 17,198 | | 5,963 | 6,241 | 6,413 | .6 | 3,225 | 3,469 | 3,629 | 1.0 |
| Pittsburgh, PA | 29,736 | 32,925 | 35,189 | 1.4 | 13,019 | 14,187 | 15,008 | | 2,284 | 2,321 | 2,345 | .2 | 1,105 | 1,164 | 1,203 | .7 |
| Portland, OR | 18,681 | 22,077 | 24,439 | 2.3 | 13,209 | 14,385 | 15,235 | | 1,414 | 1,535 | 1,604 | 1.1 | 824 | 910 | 965 | 1.3 |
| San Francisco, CA | 109,107 | 129,239 | 143,307 | 2.3 | 18,059 | 19,676 | 20,875 | | 6,042 | 6,568 | 6,865 | 1.1 | 3,749 | 4,220 | 4,523 | 1.6 |
| Seattle, WA | 36,046 | 43,094 | 48,019 | 2.4 | 14,890 | 16,216 | 17,188 | | 2,421 | 2,658 | 2,794 | 1.2 | 1,464 | 1,644 | 1,757 | 1.5 |
| **Other metropolitan statistical areas [3]** | | | | | | | | | | | | | | | | |
| Abilene, TX | 1,393 | 1,576 | 1,705 | 1.7 | 11,440 | 12,749 | 13,681 | 175 | 122 | 124 | 125 | .2 | 70 | 74 | 76 | .7 |
| Akron, OH (PMSA) | 8,369 | 9,378 | 10,089 | 1.6 | 12,808 | 14,004 | 14,869 | 124 | 653 | 670 | 679 | .3 | 319 | 338 | 349 | .8 |
| Albany, GA | 1,168 | 1,341 | 1,465 | 1.9 | 10,043 | 11,145 | 11,925 | 281 | 116 | 120 | 123 | .5 | 60 | 63 | 65 | .7 |
| Albany-Schenectady-Troy, NY | 11,822 | 13,293 | 14,286 | 1.6 | 13,895 | 15,206 | 16,110 | 62 | 851 | 874 | 887 | .3 | 486 | 520 | 541 | .9 |
| Albuquerque, NM | 5,948 | 7,296 | 8,243 | 2.8 | 12,063 | 13,515 | 14,506 | 141 | 493 | 540 | 568 | 1.2 | 292 | 331 | 356 | 1.7 |
| Alexandria, LA | 1,339 | 1,486 | 1,595 | 1.5 | 9,717 | 10,854 | 11,664 | 289 | 138 | 137 | 137 | –.1 | 61 | 62 | 64 | .4 |
| Allentown-Bethlehem, PA-NJ | 9,347 | 10,595 | 11,499 | 1.7 | 13,804 | 14,992 | 15,855 | 75 | 677 | 707 | 725 | .6 | 332 | 354 | 368 | .9 |
| Altoona, PA | 1,354 | 1,497 | 1,597 | 1.4 | 10,220 | 11,143 | 11,791 | 287 | 133 | 134 | 135 | .2 | 63 | 66 | 68 | .7 |
| Amarillo, TX | 2,307 | 2,643 | 2,859 | 1.8 | 11,754 | 13,102 | 13,984 | 162 | 196 | 202 | 204 | .3 | 100 | 106 | 110 | .8 |
| Anaheim-Santa Ana, CA (PMSA) | 41,247 | 50,106 | 56,302 | 2.6 | 18,275 | 19,704 | 20,757 | 12 | 2,257 | 2,543 | 2,712 | 1.5 | 1,458 | 1,716 | 1,884 | 2.2 |
| Anchorage, AK | 3,833 | 4,176 | 4,481 | 1.3 | 17,542 | 18,363 | 19,133 | 22 | 219 | 227 | 234 | .6 | 141 | 150 | 156 | .9 |
| Anderson, IN | 1,530 | 1,657 | 1,765 | 1.2 | 11,607 | 12,267 | 12,764 | 238 | 132 | 135 | 138 | .4 | 61 | 64 | 66 | .6 |
| Anderson, SC | 1,443 | 1,666 | 1,823 | 2.0 | 10,087 | 11,225 | 12,006 | 277 | 143 | 148 | 152 | .5 | 66 | 70 | 72 | .7 |
| Ann Arbor, MI (PMSA) | 4,555 | 5,259 | 5,744 | 2.0 | 17,008 | 18,858 | 20,166 | 13 | 268 | 279 | 285 | .5 | 197 | 217 | 230 | 1.3 |
| Anniston, AL | 1,157 | 1,271 | 1,352 | 1.3 | 9,381 | 10,293 | 10,937 | 306 | 123 | 123 | 124 | 0 | 61 | 63 | 65 | .5 |
| Appleton-Oshkosh-Neenah, WI | 3,849 | 4,397 | 4,773 | 1.8 | 12,302 | 13,423 | 14,236 | 152 | 313 | 328 | 335 | .6 | 179 | 194 | 204 | 1.1 |
| Asheville, NC | 1,999 | 2,323 | 2,542 | 2.0 | 11,550 | 12,783 | 13,627 | 179 | 173 | 182 | 187 | .6 | 100 | 105 | 109 | .8 |
| Athens, GA | 1,627 | 1,909 | 2,105 | 2.2 | 11,242 | 12,238 | 12,960 | 226 | 145 | 156 | 162 | 1.0 | 80 | 88 | 93 | 1.2 |
| Atlanta, GA | 40,445 | 48,387 | 53,863 | 2.4 | 14,779 | 16,000 | 16,880 | 49 | 2,737 | 3,024 | 3,191 | 1.3 | 1,770 | 2,002 | 2,147 | 1.6 |
| Atlantic City, NJ | 5,342 | 6,246 | 6,903 | 2.2 | 17,279 | 18,480 | 19,403 | 20 | 309 | 338 | 356 | 1.2 | 205 | 229 | 243 | 1.4 |
| Augusta, GA-SC | 4,376 | 5,194 | 5,766 | 2.3 | 11,039 | 12,253 | 13,108 | 221 | 396 | 424 | 440 | .9 | 207 | 227 | 240 | 1.2 |
| Aurora-Elgin, IL (PMSA) | 5,278 | 5,957 | 6,441 | 1.7 | 14,853 | 15,889 | 16,669 | 54 | 355 | 375 | 386 | .7 | 174 | 192 | 203 | 1.3 |
| Austin, TX | 9,223 | 11,018 | 12,263 | 2.4 | 12,323 | 13,737 | 14,744 | 130 | 748 | 802 | 832 | .9 | 445 | 490 | 519 | 1.3 |
| Bakersfield, CA | 5,971 | 7,067 | 7,839 | 2.3 | 11,483 | 12,307 | 12,939 | 227 | 520 | 574 | 606 | 1.3 | 251 | 282 | 301 | 1.5 |
| Baltimore, MD | 35,768 | 40,663 | 44,175 | 1.8 | 15,269 | 16,312 | 17,146 | 41 | 2,342 | 2,493 | 2,576 | .8 | 1,369 | 1,476 | 1,544 | 1.0 |
| Bangor, ME (NECMA) | 1,594 | 1,823 | 1,988 | 1.9 | 11,276 | 12,386 | 13,207 | 216 | 141 | 147 | 151 | .5 | 80 | 84 | 88 | .8 |
| Baton Rouge, LA | 5,940 | 6,681 | 7,219 | 1.6 | 11,072 | 12,545 | 13,591 | 183 | 537 | 533 | 531 | –.1 | 263 | 277 | 287 | .7 |
| Battle Creek, MI | 1,589 | 1,787 | 1,926 | 1.6 | 11,418 | 12,433 | 13,162 | 219 | 139 | 144 | 146 | .4 | 68 | 73 | 76 | .9 |
| Beaumont-Port Arthur, TX | 4,151 | 4,615 | 4,946 | 1.5 | 11,408 | 12,646 | 13,543 | 187 | 364 | 365 | 365 | 0 | 160 | 167 | 172 | .6 |
| Beaver County, PA (PMSA) | 2,008 | 2,132 | 2,220 | .8 | 10,580 | 11,108 | 11,485 | 298 | 190 | 192 | 193 | .2 | 61 | 64 | 65 | .5 |
| Bellingham, WA | 1,330 | 1,581 | 1,752 | 2.3 | 11,204 | 12,250 | 12,980 | 225 | 119 | 129 | 135 | 1.1 | 62 | 69 | 73 | 1.4 |
| Benton Harbor, MI | 1,896 | 2,103 | 2,244 | 1.4 | 11,384 | 12,277 | 12,905 | 229 | 167 | 171 | 174 | .4 | 81 | 86 | 89 | .8 |
| Bergen-Passaic, NJ (PMSA) | 26,352 | 29,525 | 31,940 | 1.6 | 20,392 | 21,813 | 22,926 | 3 | 1,292 | 1,354 | 1,393 | .6 | 805 | 862 | 899 | .9 |
| Billings, MT | 1,343 | 1,535 | 1,675 | 1.9 | 11,531 | 12,790 | 13,666 | 177 | 116 | 120 | 123 | .4 | 67 | 72 | 75 | 1.0 |
| Biloxi-Gulfport, MS | 1,896 | 2,186 | 2,387 | 1.9 | 9,250 | 10,180 | 10,857 | 309 | 205 | 215 | 220 | .6 | 100 | 109 | 115 | 1.1 |
| Binghamton, NY | 3,329 | 3,665 | 3,885 | 1.3 | 12,791 | 13,854 | 14,575 | 138 | 260 | 265 | 267 | .2 | 144 | 152 | 157 | .7 |
| Birmingham, AL | 10,975 | 12,480 | 13,522 | 1.8 | 11,886 | 13,168 | 14,079 | 160 | 923 | 948 | 960 | .3 | 481 | 515 | 535 | .9 |
| Bismarck, ND | 950 | 1,135 | 1,252 | 2.3 | 11,082 | 12,374 | 13,217 | 215 | 86 | 92 | 95 | .8 | 48 | 52 | 55 | 1.2 |
| Bloomington, IN | 1,072 | 1,251 | 1,372 | 2.1 | 10,406 | 11,604 | 12,390 | 258 | 103 | 108 | 111 | .6 | 62 | 68 | 72 | 1.2 |
| Bloomington-Normal, IL | 1,631 | 1,876 | 2,047 | 1.9 | 13,082 | 14,402 | 15,326 | 102 | 125 | 130 | 134 | .6 | 73 | 80 | 85 | 1.2 |
| Boise City, ID | 2,565 | 3,101 | 3,485 | 2.6 | 12,780 | 14,180 | 15,148 | 113 | 201 | 219 | 230 | 1.1 | 119 | 134 | 144 | 1.6 |
| Boston-Lawrence-Salem-Lowell-Brockton, MA (NECMA) | 66,755 | 74,656 | 80,381 | 1.6 | 17,870 | 19,125 | 20,050 | 14 | 3,736 | 3,904 | 4,009 | .6 | 2,594 | 2,785 | 2,907 | 1.0 |
| Boulder-Longmont, CO (PMSA) | 3,328 | 3,989 | 4,467 | 2.5 | 15,274 | 16,678 | 17,691 | 31 | 218 | 239 | 252 | 1.2 | 148 | 168 | 182 | 1.7 |
| Bradenton, FL | 2,556 | 3,134 | 3,579 | 2.8 | 13,673 | 15,099 | 16,193 | 60 | 187 | 208 | 221 | 1.4 | 87 | 99 | 108 | 1.9 |
| Brazoria, TX (PMSA) | 2,319 | 2,657 | 2,895 | 1.9 | 12,564 | 13,983 | 15,010 | 117 | 185 | 190 | 193 | .4 | 73 | 78 | 81 | .9 |
| Bremerton, WA | 2,189 | 2,539 | 2,791 | 2.0 | 12,102 | 12,932 | 13,580 | 185 | 181 | 196 | 206 | 1.1 | 88 | 97 | 102 | 1.3 |
| Bridgeport-Stamford-Norwalk-Danbury, CT (PMSA) | 19,092 | 21,275 | 22,885 | 1.5 | 23,361 | 24,916 | 26,116 | 1 | 817 | 854 | 876 | .6 | 538 | 576 | 602 | .9 |
| Brownsville-Harlingen, TX | 1,668 | 1,981 | 2,197 | 2.3 | 6,319 | 7,097 | 7,655 | 317 | 264 | 279 | 287 | .7 | 89 | 97 | 103 | 1.2 |
| Bryan-College Station, TX | 1,087 | 1,282 | 1,421 | 2.3 | 9,328 | 10,250 | 10,915 | 307 | 117 | 125 | 130 | .9 | 61 | 67 | 71 | 1.3 |
| Buffalo, NY (PMSA) | 12,584 | 13,850 | 14,676 | 1.3 | 13,126 | 14,217 | 14,956 | 120 | 959 | 974 | 981 | .2 | 515 | 543 | 561 | .7 |
| Burlington, NC | 1,330 | 1,503 | 1,626 | 1.7 | 12,564 | 13,762 | 14,586 | 137 | 106 | 109 | 111 | .4 | 66 | 70 | 73 | .8 |
| Burlington, VT (NECMA) | 1,882 | 2,198 | 2,422 | 2.1 | 13,981 | 15,084 | 15,898 | 72 | 135 | 146 | 152 | 1.0 | 94 | 103 | 109 | 1.3 |
| Canton, OH | 4,691 | 5,238 | 5,620 | 1.5 | 11,686 | 12,767 | 13,536 | 188 | 401 | 410 | 415 | .3 | 192 | 203 | 211 | .8 |
| Casper, WY | 782 | 851 | 913 | 1.3 | 12,087 | 13,254 | 14,146 | 156 | 65 | 64 | 65 | 0 | 36 | 36 | 37 | .3 |
| Cedar Rapids, IA | 2,255 | 2,614 | 2,849 | 2.0 | 13,150 | 14,460 | 15,346 | 100 | 172 | 181 | 186 | .7 | 108 | 118 | 125 | 1.2 |
| Champaign-Urbana-Rantoul, IL | 2,076 | 2,373 | 2,609 | 1.9 | 12,062 | 13,514 | 14,534 | 140 | 172 | 176 | 180 | .4 | 111 | 119 | 125 | 1.1 |
| Charleston, SC | 5,146 | 5,950 | 6,510 | 2.0 | 10,075 | 11,115 | 11,845 | 285 | 511 | 535 | 550 | .6 | 269 | 290 | 303 | 1.0 |
| Charleston, WV | 2,941 | 3,208 | 3,395 | 1.2 | 11,278 | 12,315 | 13,025 | 223 | 261 | 261 | 261 | 0 | 127 | 131 | 133 | .4 |
| Charlotte-Gastonia-Rock Hill, NC-SC | 14,602 | 17,117 | 18,838 | 2.1 | 13,131 | 14,486 | 15,429 | 93 | 1,112 | 1,182 | 1,221 | .8 | 720 | 784 | 825 | 1.1 |
| Charlottesville, VA | 1,707 | 2,014 | 2,229 | 2.3 | 13,784 | 15,084 | 16,017 | 66 | 124 | 133 | 139 | 1.0 | 83 | 91 | 96 | 1.2 |
| Chattanooga, TN-GA | 5,034 | 5,912 | 6,516 | 2.2 | 11,489 | 12,614 | 13,382 | 198 | 438 | 469 | 487 | .9 | 234 | 256 | 269 | 1.2 |
| Cheyenne, WY | 866 | 944 | 1,011 | 1.3 | 11,518 | 12,655 | 13,519 | 190 | 75 | 75 | 75 | 0 | 43 | 44 | 45 | .3 |
| Chicago, IL (PMSA) | 95,167 | 106,416 | 114,473 | 1.6 | 15,309 | 16,416 | 17,251 | 38 | 6,216 | 6,483 | 6,636 | .5 | 3,585 | 3,871 | 4,053 | 1.0 |
| Chico, CA | 1,894 | 2,277 | 2,547 | 2.5 | 10,853 | 11,738 | 12,392 | 257 | 174 | 194 | 206 | 1.4 | 76 | 88 | 96 | 2.0 |
| Cincinnati, OH-KY-IN (PMSA) | 19,355 | 21,869 | 23,619 | 1.7 | 13,359 | 14,693 | 15,592 | 86 | 1,449 | 1,488 | 1,515 | .4 | 826 | 889 | 929 | 1.0 |
| Clarksville-Hopkinsville, TN-KY | 1,505 | 1,713 | 1,859 | 1.8 | 9,474 | 10,383 | 11,020 | 304 | 159 | 165 | 169 | .5 | 84 | 88 | 91 | .7 |
| Cleveland, OH (PMSA) | 26,924 | 30,185 | 32,457 | 1.6 | 14,593 | 16,059 | 17,106 | 42 | 1,845 | 1,880 | 1,897 | .2 | 1,054 | 1,108 | 1,143 | .7 |
| Colorado Springs, CO | 4,892 | 5,884 | 6,622 | 2.6 | 12,421 | 13,682 | 14,627 | 136 | 394 | 430 | 453 | 1.2 | 229 | 257 | 275 | 1.5 |
| Columbia, MO | 1,322 | 1,551 | 1,715 | 2.2 | 12,495 | 14,020 | 15,105 | 115 | 106 | 111 | 114 | .6 | 70 | 77 | 81 | 1.2 |
| Columbia, SC | 5,406 | 6,204 | 6,768 | 1.9 | 11,843 | 13,041 | 13,915 | 165 | 456 | 476 | 486 | .5 | 289 | 314 | 330 | 1.1 |
| Columbus, GA-AL | 2,524 | 2,893 | 3,154 | 1.9 | 10,222 | 11,274 | 12,025 | 276 | 247 | 257 | 262 | .5 | 139 | 147 | 153 | .8 |
| Columbus, OH | 17,547 | 20,142 | 21,958 | 1.9 | 13,053 | 14,325 | 15,229 | 107 | 1,344 | 1,406 | 1,442 | .6 | 810 | 881 | 926 | 1.1 |
| Corpus Christi, TX | 3,568 | 4,013 | 4,335 | 1.6 | 9,966 | 11,057 | 11,851 | 284 | 358 | 363 | 366 | .2 | 161 | 169 | 174 | .7 |

See footnotes at end of table.

**Table 1.—Total Personal Income, Per Capita Personal Income, Population, and Employment by Metropolitan Area, 1988, 1995, and 2000—Continued**

| | Total personal income | | | | Per capita personal income | | | | Population | | | | Employment | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Millions of 1982 dollars | | | Average annual growth rate (percent) | 1982 dollars | | | Rank in the United States | Thousands of persons | | | Average annual growth rate (percent) | Thousands of jobs | | | Average annual growth rate (percent) |
| | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 2000 | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 1988–2000 |
| Cumberland, MD-WV | 1,030 | 1,137 | 1,211 | 1.4 | 10,065 | 10,900 | 11,524 | 297 | 102 | 104 | 105 | 0.2 | 44 | 46 | 48 | 0.7 |
| Dallas, TX (PMSA) | 36,938 | 43,176 | 47,551 | 2.1 | 14,923 | 16,405 | 17,476 | 35 | 2,475 | 2,632 | 2,721 | .8 | 1,613 | 1,771 | 1,873 | 1.3 |
| Danville, VA | 1,184 | 1,335 | 1,437 | 1.6 | 10,958 | 11,979 | 12,703 | 242 | 108 | 111 | 113 | .4 | 54 | 56 | 58 | .6 |
| Davenport-Rock Island-Moline, IA-IL | 4,449 | 5,025 | 5,416 | 1.7 | 12,215 | 13,343 | 14,129 | 157 | 364 | 377 | 383 | .4 | 190 | 203 | 210 | .8 |
| Dayton-Springfield, OH | 12,265 | 13,805 | 14,884 | 1.6 | 12,937 | 14,228 | 15,147 | 114 | 948 | 970 | 983 | .3 | 521 | 553 | 573 | .8 |
| Daytona Beach, FL | 4,042 | 4,932 | 5,582 | 2.7 | 11,603 | 12,610 | 13,355 | 201 | 348 | 391 | 418 | 1.5 | 152 | 173 | 187 | 1.7 |
| Decatur, AL | 1,383 | 1,570 | 1,695 | 1.7 | 10,422 | 11,596 | 12,380 | 259 | 133 | 135 | 137 | .3 | 58 | 62 | 64 | .8 |
| Decatur, IL | 1,541 | 1,707 | 1,826 | 1.4 | 12,465 | 13,501 | 14,267 | 151 | 124 | 126 | 128 | .3 | 65 | 69 | 72 | .8 |
| Denver, CO (PMSA) | 23,916 | 28,361 | 31,658 | 2.4 | 14,583 | 15,771 | 16,661 | 55 | 1,640 | 1,798 | 1,900 | 1.2 | 1,033 | 1,147 | 1,224 | 1.4 |
| Des Moines, IA | 5,399 | 6,299 | 6,901 | 2.1 | 13,780 | 15,072 | 15,972 | 68 | 392 | 418 | 432 | .8 | 264 | 292 | 309 | 1.3 |
| Detroit, MI (PMSA) | 64,863 | 72,412 | 77,671 | 1.5 | 14,903 | 16,248 | 17,189 | 40 | 4,352 | 4,457 | 4,519 | .3 | 2,168 | 2,304 | 2,393 | .8 |
| Dothan, AL | 1,372 | 1,584 | 1,729 | 1.9 | 10,471 | 11,546 | 12,332 | 264 | 131 | 137 | 140 | .6 | 69 | 75 | 78 | 1.0 |
| Dubuque, IA | 986 | 1,143 | 1,245 | 2.0 | 10,844 | 11,992 | 12,769 | 237 | 91 | 95 | 98 | .6 | 52 | 57 | 59 | 1.0 |
| Duluth, MN-WI | 2,569 | 2,784 | 2,934 | 1.1 | 10,645 | 11,518 | 12,184 | 266 | 241 | 242 | 241 | 0 | 114 | 120 | 123 | .6 |
| Eau Claire, WI | 1,504 | 1,731 | 1,882 | 1.9 | 10,868 | 11,963 | 12,699 | 244 | 138 | 145 | 148 | .6 | 73 | 79 | 83 | 1.0 |
| El Paso, TX | 4,710 | 5,429 | 5,936 | 1.9 | 8,038 | 8,767 | 9,296 | 315 | 586 | 619 | 638 | .7 | 247 | 267 | 279 | 1.0 |
| Elkhart-Goshen, IN | 1,910 | 2,262 | 2,475 | 2.2 | 12,636 | 13,978 | 14,813 | 126 | 151 | 162 | 167 | .8 | 117 | 131 | 139 | 1.4 |
| Elmira, NY | 1,066 | 1,157 | 1,217 | 1.1 | 11,624 | 12,567 | 13,217 | 214 | 92 | 92 | 92 | 0 | 46 | 49 | 50 | .7 |
| Enid, OK | 701 | 795 | 864 | 1.8 | 12,023 | 13,438 | 14,434 | 144 | 58 | 59 | 60 | .2 | 31 | 33 | 34 | .8 |
| Erie, PA | 3,160 | 3,504 | 3,749 | 1.4 | 11,407 | 12,484 | 13,245 | 212 | 277 | 281 | 283 | .2 | 137 | 145 | 149 | .7 |
| Eugene-Springfield, OR | 3,031 | 3,544 | 3,901 | 2.1 | 11,223 | 12,410 | 13,241 | 213 | 270 | 286 | 295 | .7 | 143 | 156 | 164 | 1.1 |
| Evansville, IN-KY | 3,489 | 3,955 | 4,292 | 1.7 | 12,406 | 13,616 | 14,451 | 143 | 281 | 290 | 297 | .5 | 161 | 173 | 181 | 1.0 |
| Fargo-Moorhead, ND-MN | 1,694 | 2,003 | 2,202 | 2.2 | 11,421 | 12,528 | 13,267 | 209 | 148 | 160 | 166 | .9 | 92 | 100 | 105 | 1.2 |
| Fayetteville, NC | 2,590 | 2,956 | 3,213 | 1.8 | 10,130 | 11,209 | 11,976 | 279 | 256 | 264 | 268 | .4 | 145 | 153 | 158 | .7 |
| Fayetteville-Springdale, AR | 1,141 | 1,349 | 1,488 | 2.2 | 10,316 | 11,497 | 12,340 | 262 | 111 | 117 | 121 | .7 | 65 | 72 | 77 | 1.3 |
| Flint, MI | 5,317 | 5,792 | 6,135 | 1.2 | 12,343 | 13,255 | 13,907 | 167 | 431 | 437 | 441 | .2 | 190 | 198 | 204 | .6 |
| Florence, AL | 1,304 | 1,444 | 1,543 | 1.4 | 9,621 | 10,726 | 11,447 | 299 | 136 | 135 | 135 | 0 | 61 | 64 | 65 | .6 |
| Florence, SC | 1,146 | 1,303 | 1,418 | 1.8 | 9,714 | 10,784 | 11,533 | 296 | 118 | 121 | 123 | .3 | 64 | 67 | 69 | .6 |
| Fort Collins-Loveland, CO | 2,169 | 2,643 | 2,990 | 2.7 | 11,919 | 13,042 | 13,848 | 170 | 182 | 203 | 216 | 1.4 | 95 | 108 | 117 | 1.8 |
| Fort Lauderdale-Hollywood-Pompano Beach, FL (PMSA) | 19,577 | 23,610 | 26,481 | 2.5 | 16,493 | 18,027 | 19,134 | 21 | 1,187 | 1,310 | 1,384 | 1.3 | 621 | 704 | 761 | 1.7 |
| Fort Myers-Cape Coral, FL | 4,194 | 5,458 | 6,405 | 3.6 | 13,567 | 15,172 | 16,312 | 59 | 309 | 360 | 393 | 2.0 | 156 | 187 | 208 | 2.4 |
| Fort Pierce, FL | 3,128 | 3,913 | 4,513 | 3.1 | 13,492 | 14,244 | 14,926 | 122 | 232 | 275 | 302 | 2.2 | 106 | 125 | 139 | 2.3 |
| Fort Smith, AR-OK | 1,777 | 2,082 | 2,286 | 2.1 | 9,833 | 11,001 | 11,809 | 286 | 181 | 189 | 194 | .6 | 99 | 109 | 114 | 1.2 |
| Fort Walton Beach, FL | 1,572 | 1,897 | 2,129 | 2.6 | 10,438 | 11,436 | 12,141 | 270 | 151 | 166 | 175 | 1.3 | 80 | 90 | 97 | 1.6 |
| Fort Wayne, IN | 4,820 | 5,574 | 6,087 | 2.0 | 13,121 | 14,581 | 15,532 | 89 | 367 | 382 | 392 | .5 | 229 | 250 | 263 | 1.1 |
| Fort Worth-Arlington, TX (PMSA) | 17,161 | 20,186 | 22,309 | 2.2 | 13,294 | 14,693 | 15,698 | 81 | 1,291 | 1,374 | 1,421 | .8 | 648 | 710 | 751 | 1.2 |
| Fresno, CA | 7,413 | 8,757 | 9,698 | 2.3 | 12,058 | 12,988 | 13,677 | 176 | 615 | 674 | 709 | 1.2 | 316 | 350 | 373 | 1.4 |
| Gadsden, AL | 988 | 1,106 | 1,189 | 1.6 | 9,604 | 10,557 | 11,210 | 303 | 103 | 105 | 106 | .3 | 42 | 44 | 46 | .6 |
| Gainesville, FL | 2,190 | 2,610 | 2,923 | 2.4 | 10,549 | 11,477 | 12,165 | 269 | 208 | 227 | 240 | 1.2 | 113 | 126 | 134 | 1.5 |
| Galveston-Texas City, TX (PMSA) | 2,626 | 2,943 | 3,171 | 1.6 | 12,508 | 13,923 | 14,919 | 123 | 210 | 211 | 213 | .1 | 87 | 90 | 93 | .6 |
| Gary-Hammond, IN (PMSA) | 7,082 | 7,957 | 8,582 | 1.6 | 11,568 | 12,821 | 13,655 | 178 | 612 | 621 | 629 | .2 | 272 | 289 | 301 | .8 |
| Glens Falls, NY | 1,287 | 1,442 | 1,547 | 1.6 | 11,077 | 12,040 | 12,705 | 241 | 116 | 120 | 122 | .4 | 61 | 66 | 69 | 1.0 |
| Grand Forks, ND | 724 | 840 | 915 | 2.0 | 10,282 | 11,078 | 11,625 | 292 | 70 | 76 | 79 | .9 | 42 | 45 | 47 | 1.0 |
| Grand Rapids, MI | 8,930 | 10,452 | 11,482 | 2.1 | 13,424 | 14,791 | 15,738 | 80 | 665 | 707 | 730 | .8 | 406 | 454 | 484 | 1.5 |
| Great Falls, MT | 917 | 1,034 | 1,120 | 1.7 | 11,724 | 13,113 | 14,083 | 159 | 78 | 79 | 80 | .1 | 43 | 44 | 46 | .6 |
| Greeley, CO | 1,454 | 1,718 | 1,915 | 2.3 | 10,680 | 11,782 | 12,590 | 247 | 136 | 146 | 152 | .9 | 63 | 69 | 73 | 1.3 |
| Green Bay, WI | 2,423 | 2,784 | 3,034 | 1.9 | 12,669 | 13,932 | 14,854 | 125 | 191 | 200 | 204 | .6 | 114 | 124 | 130 | 1.1 |
| Greensboro-Winston-Salem-High Point, NC | 12,340 | 14,363 | 15,769 | 2.1 | 13,345 | 14,814 | 15,819 | 78 | 925 | 970 | 997 | .6 | 593 | 638 | 667 | 1.0 |
| Greenville-Spartanburg, SC | 7,289 | 8,435 | 9,220 | 2.0 | 11,731 | 13,042 | 13,939 | 163 | 621 | 647 | 661 | .5 | 385 | 414 | 433 | 1.0 |
| Hagerstown, MD | 1,390 | 1,585 | 1,725 | 1.8 | 11,802 | 12,692 | 13,375 | 199 | 118 | 125 | 129 | .8 | 63 | 69 | 72 | 1.2 |
| Hamilton-Middletown, OH (PMSA) | 3,450 | 3,917 | 4,245 | 1.7 | 12,334 | 13,475 | 14,290 | 150 | 280 | 291 | 297 | .5 | 113 | 121 | 126 | .9 |
| Harrisburg-Lebanon-Carlisle, PA | 7,457 | 8,459 | 9,167 | 1.7 | 12,615 | 13,832 | 14,685 | 133 | 591 | 612 | 624 | .5 | 356 | 383 | 401 | 1.0 |
| Hartford-New Britain-Middletown-Bristol, CT (NECMA) | 19,624 | 21,918 | 23,605 | 1.6 | 17,704 | 18,809 | 19,666 | 18 | 1,108 | 1,165 | 1,200 | .7 | 753 | 807 | 844 | 1.0 |
| Hickory, NC | 2,533 | 2,902 | 3,154 | 1.8 | 11,402 | 12,329 | 12,986 | 224 | 222 | 235 | 243 | .7 | 149 | 159 | 165 | .9 |
| Honolulu, HI | 11,812 | 13,988 | 15,382 | 2.2 | 14,088 | 15,115 | 15,876 | 73 | 838 | 925 | 969 | 1.2 | 510 | 566 | 597 | 1.3 |
| Houma-Thibodaux, LA | 1,657 | 1,813 | 1,932 | 1.3 | 9,047 | 9,817 | 10,377 | 311 | 183 | 185 | 186 | .1 | 70 | 73 | 75 | .6 |
| Houston, TX (PMSA) | 42,230 | 49,094 | 54,011 | 2.1 | 13,006 | 14,248 | 15,196 | 111 | 3,247 | 3,446 | 3,554 | .8 | 1,745 | 1,900 | 2,003 | 1.2 |
| Huntington-Ashland, WV-KY-OH | 3,097 | 3,413 | 3,637 | 1.3 | 9,608 | 10,577 | 11,254 | 302 | 322 | 323 | 323 | 0 | 130 | 135 | 138 | .5 |
| Huntsville, AL | 3,105 | 3,648 | 4,008 | 2.2 | 13,116 | 14,801 | 16,011 | 67 | 237 | 246 | 250 | .5 | 152 | 166 | 174 | 1.1 |
| Indianapolis, IN | 16,872 | 19,513 | 21,387 | 2.0 | 13,644 | 14,939 | 15,825 | 77 | 1,237 | 1,306 | 1,351 | .7 | 753 | 825 | 871 | 1.2 |
| Iowa City, IA | 1,153 | 1,329 | 1,445 | 1.9 | 13,302 | 14,513 | 15,336 | 101 | 87 | 92 | 94 | .7 | 60 | 65 | 69 | 1.2 |
| Jackson, MI | 1,718 | 1,962 | 2,127 | 1.8 | 11,494 | 12,598 | 13,365 | 200 | 149 | 156 | 159 | .5 | 62 | 66 | 68 | .7 |
| Jackson, MS | 4,319 | 4,964 | 5,404 | 1.9 | 10,901 | 11,934 | 12,672 | 245 | 396 | 416 | 426 | .6 | 220 | 238 | 250 | 1.1 |
| Jackson, TN | 823 | 971 | 1,073 | 2.2 | 10,519 | 11,960 | 12,903 | 230 | 78 | 81 | 83 | .5 | 47 | 51 | 54 | 1.1 |
| Jacksonville, FL | 11,146 | 13,380 | 15,009 | 2.5 | 12,412 | 13,573 | 14,425 | 145 | 898 | 986 | 1,040 | 1.2 | 512 | 572 | 614 | 1.5 |
| Jacksonville, NC | 1,144 | 1,283 | 1,381 | 1.6 | 9,046 | 9,728 | 10,231 | 312 | 126 | 132 | 135 | .5 | 76 | 79 | 82 | .6 |
| Jamestown-Dunkirk, NY | 1,540 | 1,679 | 1,770 | 1.2 | 10,899 | 11,772 | 12,363 | 261 | 141 | 143 | 143 | .1 | 70 | 73 | 75 | .6 |
| Janesville-Beloit, WI | 1,671 | 1,911 | 2,076 | 1.8 | 12,256 | 13,588 | 14,537 | 139 | 136 | 141 | 143 | .4 | 70 | 75 | 78 | .9 |
| Jersey City, NJ (PMSA) | 7,367 | 8,198 | 8,839 | 1.5 | 13,587 | 14,724 | 15,603 | 85 | 542 | 557 | 567 | .4 | 281 | 300 | 312 | .9 |
| Johnson City-Kingsport-Bristol, TN-VA | 4,416 | 5,063 | 5,511 | 1.9 | 9,984 | 10,970 | 11,639 | 291 | 442 | 462 | 474 | .6 | 213 | 229 | 239 | 1.0 |
| Johnstown, PA | 2,472 | 2,707 | 2,874 | 1.3 | 9,864 | 10,708 | 11,303 | 301 | 251 | 253 | 254 | .1 | 98 | 103 | 106 | .6 |
| Joliet, IL (PMSA) | 5,123 | 5,857 | 6,394 | 1.9 | 13,511 | 14,684 | 15,569 | 87 | 379 | 399 | 411 | .7 | 131 | 143 | 152 | 1.2 |
| Joplin, MO | 1,370 | 1,609 | 1,780 | 2.2 | 10,078 | 11,335 | 12,230 | 265 | 136 | 142 | 146 | .6 | 76 | 82 | 86 | 1.1 |
| Kalamazoo, MI | 2,923 | 3,395 | 3,720 | 2.0 | 13,416 | 14,851 | 15,873 | 74 | 218 | 229 | 234 | .6 | 127 | 140 | 148 | 1.3 |
| Kankakee, IL | 1,107 | 1,229 | 1,320 | 1.5 | 11,315 | 12,283 | 13,036 | 222 | 98 | 100 | 101 | .3 | 43 | 45 | 47 | .8 |
| Kansas City, MO-KS | 21,611 | 24,940 | 27,183 | 1.9 | 13,718 | 14,969 | 15,830 | 76 | 1,575 | 1,666 | 1,717 | .7 | 940 | 1,016 | 1,065 | 1.0 |
| Kenosha, WI (PMSA) | 1,655 | 1,816 | 1,926 | 1.3 | 13,502 | 14,615 | 15,423 | 94 | 123 | 124 | 125 | .2 | 51 | 52 | 53 | .4 |
| Killeen-Temple, TX | 2,413 | 2,763 | 3,011 | 1.9 | 10,070 | 11,232 | 12,079 | 274 | 240 | 246 | 249 | .3 | 130 | 138 | 143 | .8 |
| Knoxville, TN | 6,847 | 8,065 | 8,891 | 2.2 | 11,420 | 12,603 | 13,389 | 196 | 600 | 640 | 664 | .9 | 329 | 364 | 385 | 1.3 |
| Kokomo, IN | 1,255 | 1,400 | 1,507 | 1.5 | 12,680 | 13,882 | 14,677 | 134 | 99 | 101 | 103 | .3 | 54 | 56 | 58 | .6 |
| La Crosse, WI | 1,175 | 1,387 | 1,534 | 2.2 | 12,299 | 13,702 | 14,704 | 131 | 96 | 101 | 104 | .7 | 64 | 70 | 74 | 1.3 |
| Lafayette, LA | 2,253 | 2,497 | 2,678 | 1.5 | 10,747 | 11,691 | 12,370 | 260 | 210 | 214 | 217 | .3 | 110 | 116 | 120 | .7 |
| Lafayette, IN | 1,427 | 1,640 | 1,785 | 1.9 | 11,385 | 12,711 | 13,590 | 184 | 125 | 129 | 131 | .4 | 74 | 79 | 83 | 1.0 |
| Lake Charles, LA | 1,725 | 1,889 | 2,016 | 1.3 | 10,009 | 11,174 | 11,968 | 280 | 172 | 169 | 168 | –.2 | 72 | 74 | 76 | .4 |
| Lake County, IL (PMSA) | 9,552 | 11,192 | 12,392 | 2.2 | 19,284 | 20,908 | 22,106 | 6 | 495 | 535 | 561 | 1.0 | 269 | 302 | 324 | 1.6 |
| Lakeland-Winter Haven, FL | 4,268 | 5,042 | 5,627 | 2.3 | 10,785 | 11,778 | 12,529 | 248 | 396 | 428 | 449 | 1.1 | 189 | 210 | 225 | 1.5 |
| Lancaster, PA | 5,527 | 6,308 | 6,861 | 1.8 | 13,346 | 14,520 | 15,355 | 99 | 414 | 434 | 447 | .6 | 231 | 250 | 262 | 1.0 |
| Lansing-East Lansing, MI | 5,404 | 6,203 | 6,765 | 1.9 | 12,615 | 13,869 | 14,767 | 128 | 428 | 447 | 458 | .6 | 231 | 251 | 264 | 1.1 |
| Laredo, TX | 772 | 915 | 1,014 | 2.3 | 5,986 | 6,626 | 7,087 | 318 | 129 | 138 | 143 | .9 | 45 | 50 | 54 | 1.4 |
| Las Cruces, NM | 1,038 | 1,248 | 1,399 | 2.5 | 7,864 | 8,557 | 9,053 | 316 | 132 | 146 | 155 | 1.3 | 53 | 59 | 64 | 1.6 |
| Las Vegas, NV | 8,609 | 11,173 | 12,920 | 3.4 | 13,638 | 14,631 | 15,430 | 92 | 631 | 764 | 837 | 2.4 | 366 | 445 | 494 | 2.5 |
| Lawrence, KS | 797 | 952 | 1,051 | 2.3 | 10,426 | 11,846 | 12,762 | 239 | 76 | 80 | 82 | .6 | 41 | 45 | 47 | 1.2 |
| Lawton, OK | 1,094 | 1,226 | 1,323 | 1.6 | 9,173 | 10,213 | 10,945 | 305 | 119 | 120 | 121 | .1 | 61 | 64 | 65 | .6 |
| Lewiston-Auburn, ME (NECMA) | 1,204 | 1,374 | 1,496 | 1.8 | 11,656 | 12,691 | 13,452 | 194 | 103 | 108 | 111 | .6 | 53 | 56 | 58 | .7 |
| Lexington-Fayette, KY | 4,395 | 5,119 | 5,630 | 2.1 | 12,631 | 13,894 | 14,799 | 127 | 348 | 368 | 380 | .7 | 224 | 244 | 257 | 1.1 |
| Lima, OH | 1,839 | 2,053 | 2,202 | 1.5 | 11,734 | 12,829 | 13,610 | 181 | 157 | 160 | 162 | .3 | 86 | 91 | 94 | .7 |
| Lincoln, NE | 2,563 | 3,116 | 3,441 | 2.5 | 12,111 | 13,943 | 14,938 | 121 | 212 | 223 | 230 | .7 | 135 | 147 | 154 | 1.1 |
| Little Rock-North Little Rock, AR | 6,053 | 6,991 | 7,638 | 2.0 | 11,797 | 13,123 | 14,063 | 161 | 513 | 533 | 543 | .5 | 295 | 318 | 332 | 1.0 |

See footnotes at end of table.

**Table 1.—Total Personal Income, Per Capita Personal Income, Population, and Employment by Metropolitan Area, 1988, 1995, and 2000—Continued**

| | Total personal income | | | | Per capita personal income | | | | Population | | | | Employment | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Millions of 1982 dollars | | | Average annual growth rate (percent) | 1982 dollars | | | Rank in the United States | Thousands of persons | | | Average annual growth rate (percent) | Thousands of jobs | | | Average annual growth rate (percent) |
| | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 2000 | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 1988–2000 |
| Longview-Marshall, TX | 1,796 | 2,038 | 2,208 | 1.7 | 10,780 | 11,911 | 12,732 | 240 | 167 | 171 | 173 | 0.3 | 87 | 92 | 95 | 0.8 |
| Lorain-Elyria, OH (PMSA) | 3,148 | 3,479 | 3,709 | 1.4 | 11,640 | 12,734 | 13,514 | 191 | 270 | 273 | 274 | .1 | 107 | 112 | 115 | .6 |
| Los Angeles-Long Beach, CA (PMSA) | 129,613 | 152,258 | 167,828 | 2.2 | 15,093 | 16,192 | 17,016 | 45 | 8,588 | 9,403 | 9,863 | 1.2 | 5,048 | 5,584 | 5,915 | 1.3 |
| Louisville, KY-IN | 12,180 | 13,791 | 14,922 | 1.7 | 12,596 | 13,871 | 14,766 | 129 | 967 | 994 | 1,011 | .4 | 546 | 585 | 610 | .9 |
| Lubbock, TX | 2,447 | 2,791 | 3,036 | 1.8 | 10,789 | 11,943 | 12,779 | 236 | 227 | 234 | 238 | .4 | 122 | 130 | 136 | .9 |
| Lynchburg, VA | 1,603 | 1,823 | 1,971 | 1.7 | 11,016 | 11,939 | 12,591 | 246 | 145 | 153 | 157 | .6 | 86 | 91 | 94 | .7 |
| Macon-Warner Robins, GA | 3,286 | 3,760 | 4,099 | 1.9 | 11,459 | 12,455 | 13,196 | 218 | 287 | 302 | 311 | .7 | 152 | 163 | 170 | .9 |
| Madison, WI | 5,075 | 5,859 | 6,389 | 1.9 | 14,385 | 15,576 | 16,427 | 58 | 353 | 376 | 389 | .8 | 246 | 272 | 287 | 1.3 |
| Manchester-Nashua, NH (NECMA) | 5,602 | 6,563 | 7,210 | 2.1 | 16,866 | 18,031 | 18,918 | 23 | 332 | 364 | 381 | 1.2 | 220 | 240 | 254 | 1.2 |
| Mansfield, OH | 1,514 | 1,683 | 1,800 | 1.5 | 11,734 | 12,826 | 13,603 | 182 | 129 | 131 | 132 | .2 | 71 | 74 | 76 | .6 |
| McAllen-Edinburg-Mission, TX | 2,275 | 2,727 | 3,039 | 2.4 | 5,865 | 6,483 | 6,928 | 319 | 388 | 421 | 439 | 1.0 | 127 | 141 | 150 | 1.4 |
| Medford, OR | 1,552 | 1,845 | 2,049 | 2.3 | 10,642 | 11,729 | 12,511 | 252 | 146 | 157 | 164 | 1.0 | 70 | 77 | 81 | 1.3 |
| Melbourne-Titusville-Palm Bay, FL | 4,813 | 5,929 | 6,737 | 2.8 | 12,396 | 13,516 | 14,330 | 148 | 388 | 439 | 470 | 1.6 | 188 | 215 | 233 | 1.8 |
| Memphis, TN-AR-MS | 12,158 | 14,271 | 15,701 | 2.2 | 12,415 | 13,604 | 14,409 | 146 | 979 | 1,049 | 1,090 | .9 | 562 | 618 | 652 | 1.3 |
| Merced, CA | 1,745 | 2,049 | 2,260 | 2.2 | 10,267 | 11,004 | 11,539 | 295 | 170 | 186 | 196 | 1.2 | 74 | 82 | 88 | 1.4 |
| Miami-Hialeah, FL (PMSA) | 24,580 | 28,282 | 30,847 | 1.9 | 13,554 | 14,678 | 15,517 | 90 | 1,814 | 1,927 | 1,988 | .8 | 1,071 | 1,162 | 1,220 | 1.1 |
| Middlesex-Somerset-Hunterdon, NJ (PMSA) | 19,754 | 22,536 | 24,661 | 1.9 | 20,192 | 21,566 | 22,667 | 4 | 978 | 1,045 | 1,088 | .9 | 612 | 674 | 715 | 1.3 |
| Midland, TX | 1,460 | 1,663 | 1,814 | 1.8 | 13,612 | 15,039 | 16,093 | 63 | 107 | 111 | 113 | .4 | 63 | 67 | 70 | .9 |
| Milwaukee, WI (PMSA) | 20,076 | 22,752 | 24,575 | 1.7 | 14,361 | 15,672 | 16,614 | 56 | 1,398 | 1,452 | 1,479 | .5 | 852 | 915 | 953 | .9 |
| Minneapolis-St. Paul, MN-WI | 37,147 | 43,302 | 47,516 | 2.1 | 15,559 | 16,819 | 17,759 | 29 | 2,388 | 2,575 | 2,676 | 1.0 | 1,564 | 1,726 | 1,824 | 1.3 |
| Mobile, AL | 4,772 | 5,485 | 5,970 | 1.9 | 9,826 | 10,890 | 11,624 | 293 | 486 | 504 | 514 | .5 | 215 | 231 | 241 | 1.0 |
| Modesto, CA | 3,811 | 4,623 | 5,180 | 2.6 | 11,175 | 12,166 | 12,852 | 234 | 341 | 380 | 403 | 1.4 | 151 | 171 | 183 | 1.6 |
| Monmouth-Ocean, NJ (PMSA) | 17,239 | 19,889 | 21,869 | 2.0 | 17,782 | 18,962 | 19,884 | 17 | 969 | 1,049 | 1,100 | 1.1 | 425 | 474 | 505 | 1.5 |
| Monroe, LA | 1,409 | 1,590 | 1,722 | 1.7 | 9,786 | 11,087 | 11,985 | 278 | 144 | 143 | 144 | 0 | 67 | 70 | 73 | .6 |
| Montgomery, AL | 3,395 | 3,881 | 4,209 | 1.8 | 11,288 | 12,402 | 13,206 | 217 | 301 | 313 | 319 | .5 | 162 | 172 | 179 | .8 |
| Muncie, IN | 1,333 | 1,490 | 1,603 | 1.5 | 11,099 | 12,312 | 13,116 | 220 | 120 | 121 | 122 | .1 | 61 | 64 | 67 | .8 |
| Muskegon, MI | 1,714 | 1,933 | 2,086 | 1.7 | 10,623 | 11,509 | 12,139 | 271 | 161 | 168 | 172 | .5 | 68 | 72 | 75 | .8 |
| Naples, FL | 2,403 | 3,257 | 3,879 | 4.1 | 17,345 | 18,830 | 19,980 | 15 | 139 | 173 | 194 | 2.9 | 80 | 102 | 117 | 3.2 |
| Nashville, TN | 12,690 | 15,436 | 17,328 | 2.6 | 13,058 | 14,797 | 15,957 | 69 | 972 | 1,043 | 1,086 | .9 | 604 | 678 | 723 | 1.5 |
| Nassau-Suffolk, NY (PMSA) | 50,727 | 57,819 | 62,522 | 1.8 | 19,222 | 20,986 | 22,200 | 5 | 2,639 | 2,755 | 2,816 | .5 | 1,434 | 1,572 | 1,657 | 1.2 |
| New Bedford-Fall River-Attleboro, MA (NECMA) | 6,815 | 7,585 | 8,162 | 1.5 | 14,109 | 14,978 | 15,632 | 83 | 483 | 506 | 522 | .7 | 248 | 264 | 275 | .9 |
| New Haven-Waterbury-Meriden, CT (NECMA) | 12,922 | 14,279 | 15,272 | 1.4 | 16,266 | 17,059 | 17,702 | 30 | 794 | 837 | 863 | .7 | 450 | 481 | 501 | .9 |
| New London-Norwich, CT (NECMA) | 3,763 | 4,167 | 4,470 | 1.4 | 15,194 | 16,180 | 16,947 | 46 | 248 | 258 | 264 | .5 | 146 | 154 | 160 | .8 |
| New Orleans, LA | 14,732 | 16,309 | 17,474 | 1.4 | 11,272 | 12,509 | 13,383 | 197 | 1,307 | 1,304 | 1,306 | 0 | 632 | 654 | 671 | .5 |
| New York, NY (PMSA) | 140,350 | 155,852 | 166,016 | 1.4 | 16,383 | 17,874 | 18,885 | 24 | 8,567 | 8,719 | 8,791 | .2 | 4,813 | 5,002 | 5,112 | .5 |
| Newark, NJ (PMSA) | 34,789 | 39,036 | 42,239 | 1.6 | 18,444 | 19,774 | 20,797 | 11 | 1,886 | 1,974 | 2,031 | .6 | 1,121 | 1,195 | 1,240 | .8 |
| Niagara Falls, NY (PMSA) | 2,612 | 2,817 | 2,950 | 1.0 | 12,040 | 12,917 | 13,478 | 192 | 217 | 218 | 219 | .1 | 97 | 101 | 104 | .6 |
| Norfolk-Virginia Beach-Newport News, VA | 16,686 | 19,446 | 21,369 | 2.1 | 12,089 | 13,038 | 13,720 | 173 | 1,380 | 1,492 | 1,558 | 1.0 | 807 | 878 | 923 | 1.1 |
| Oakland, CA (PMSA) | 33,996 | 40,626 | 45,338 | 2.4 | 16,945 | 18,488 | 19,628 | 19 | 2,006 | 2,197 | 2,310 | 1.2 | 1,084 | 1,229 | 1,323 | 1.7 |
| Ocala, FL | 1,834 | 2,302 | 2,651 | 3.1 | 9,660 | 10,374 | 10,895 | 308 | 190 | 222 | 243 | 2.1 | 79 | 92 | 100 | 2.0 |
| Odessa, TX | 1,268 | 1,419 | 1,529 | 1.6 | 10,171 | 11,244 | 12,035 | 275 | 125 | 126 | 127 | .2 | 57 | 59 | 61 | .7 |
| Oklahoma City, OK | 11,312 | 13,087 | 14,387 | 2.0 | 11,737 | 13,187 | 14,209 | 153 | 964 | 992 | 1,013 | .4 | 538 | 581 | 609 | 1.0 |
| Olympia, WA | 1,851 | 2,224 | 2,488 | 2.5 | 11,815 | 12,685 | 13,332 | 202 | 157 | 175 | 187 | 1.5 | 75 | 84 | 91 | 1.6 |
| Omaha, NE-IA | 7,925 | 9,466 | 10,364 | 2.3 | 12,749 | 14,370 | 15,247 | 106 | 622 | 659 | 680 | .7 | 386 | 420 | 442 | 1.1 |
| Orange County, NY (PMSA) | 4,274 | 4,888 | 5,298 | 1.8 | 14,561 | 15,977 | 16,940 | 48 | 294 | 306 | 313 | .5 | 135 | 145 | 152 | 1.0 |
| Orlando, FL | 12,891 | 16,048 | 18,322 | 3.0 | 13,273 | 14,521 | 15,422 | 95 | 971 | 1,105 | 1,188 | 1.7 | 620 | 721 | 789 | 2.0 |
| Owensboro, KY | 953 | 1,090 | 1,187 | 1.8 | 10,863 | 12,058 | 12,919 | 228 | 88 | 90 | 92 | .4 | 44 | 47 | 49 | .8 |
| Oxnard-Ventura, CA (PMSA) | 9,957 | 12,143 | 13,704 | 2.7 | 15,383 | 16,555 | 17,437 | 36 | 647 | 733 | 786 | 1.6 | 300 | 349 | 382 | 2.0 |
| Panama City, FL | 1,289 | 1,554 | 1,748 | 2.6 | 10,271 | 11,197 | 11,890 | 282 | 125 | 139 | 147 | 1.3 | 65 | 74 | 80 | 1.7 |
| Parkersburg-Marietta, WV-OH | 1,637 | 1,802 | 1,917 | 1.3 | 10,601 | 11,661 | 12,392 | 256 | 154 | 155 | 155 | 0 | 74 | 77 | 79 | .6 |
| Pascagoula, MS | 1,121 | 1,217 | 1,305 | 1.3 | 8,749 | 9,589 | 10,223 | 313 | 128 | 127 | 128 | 0 | 52 | 53 | 54 | .3 |
| Pensacola, FL | 3,585 | 4,134 | 4,552 | 2.0 | 10,243 | 11,052 | 11,656 | 290 | 350 | 374 | 391 | .9 | 162 | 175 | 185 | 1.1 |
| Peoria, IL | 4,356 | 4,862 | 5,217 | 1.5 | 12,797 | 13,867 | 14,644 | 135 | 340 | 351 | 356 | .4 | 172 | 183 | 190 | .8 |
| Philadelphia, PA-NJ (PMSA) | 73,129 | 83,021 | 90,137 | 1.8 | 14,862 | 16,222 | 17,193 | 39 | 4,920 | 5,118 | 5,243 | .5 | 2,608 | 2,796 | 2,921 | .9 |
| Phoenix, AZ | 27,410 | 34,258 | 39,186 | 3.0 | 13,506 | 14,714 | 15,641 | 82 | 2,030 | 2,328 | 2,505 | 1.8 | 1,166 | 1,367 | 1,502 | 2.1 |
| Pine Bluff, AR | 838 | 938 | 1,006 | 1.5 | 9,229 | 10,137 | 10,807 | 310 | 91 | 93 | 93 | .2 | 41 | 44 | 45 | .8 |
| Pittsburgh, PA (PMSA) | 27,728 | 30,793 | 32,969 | 1.5 | 13,240 | 14,464 | 15,325 | 103 | 2,094 | 2,129 | 2,151 | .2 | 1,043 | 1,100 | 1,138 | .7 |
| Pittsfield, MA (NECMA) | 2,009 | 2,205 | 2,355 | 1.3 | 14,484 | 15,427 | 16,148 | 61 | 139 | 143 | 146 | .4 | 79 | 84 | 88 | .9 |
| Portland, ME (NECMA) | 3,544 | 4,111 | 4,515 | 2.0 | 15,052 | 16,355 | 17,326 | 37 | 235 | 251 | 261 | .8 | 178 | 194 | 204 | 1.1 |
| Portland, OR (PMSA) | 16,066 | 18,914 | 20,890 | 2.2 | 13,524 | 14,742 | 15,619 | 84 | 1,188 | 1,283 | 1,337 | 1.0 | 730 | 804 | 850 | 1.3 |
| Portsmouth-Dover-Rochester, NH (NECMA) | 5,180 | 6,037 | 6,662 | 2.1 | 15,490 | 16,622 | 17,478 | 34 | 334 | 363 | 381 | 1.1 | 186 | 203 | 216 | 1.3 |
| Poughkeepsie, NY | 4,064 | 4,585 | 4,928 | 1.6 | 15,499 | 16,981 | 17,951 | 28 | 262 | 270 | 275 | .4 | 142 | 151 | 157 | .8 |
| Providence-Pawtucket-Woonsocket, RI (NECMA) | 12,157 | 13,890 | 15,109 | 1.8 | 13,388 | 14,592 | 15,399 | 97 | 908 | 952 | 981 | .6 | 505 | 544 | 569 | 1.0 |
| Provo-Orem, UT | 1,948 | 2,418 | 2,782 | 3.0 | 8,026 | 9,025 | 9,769 | 314 | 243 | 268 | 285 | 1.3 | 104 | 119 | 131 | 1.9 |
| Pueblo, CO | 1,245 | 1,467 | 1,632 | 2.3 | 9,755 | 10,850 | 11,683 | 288 | 128 | 135 | 140 | .8 | 51 | 55 | 58 | 1.1 |
| Racine, WI (PMSA) | 2,299 | 2,567 | 2,751 | 1.5 | 13,233 | 14,384 | 15,228 | 108 | 174 | 178 | 181 | .3 | 85 | 91 | 94 | .8 |
| Raleigh-Durham, NC | 9,701 | 11,649 | 12,998 | 2.5 | 14,194 | 15,817 | 16,946 | 47 | 683 | 736 | 767 | 1.0 | 475 | 530 | 564 | 1.4 |
| Rapid City, SD | 868 | 1,035 | 1,139 | 2.3 | 10,583 | 11,718 | 12,444 | 255 | 82 | 88 | 92 | .9 | 51 | 56 | 59 | 1.2 |
| Reading, PA | 4,705 | 5,296 | 5,715 | 1.6 | 14,296 | 15,585 | 16,494 | 57 | 329 | 340 | 346 | .4 | 182 | 192 | 198 | .7 |
| Redding, CA | 1,621 | 1,997 | 2,257 | 2.8 | 11,597 | 12,579 | 13,310 | 204 | 140 | 159 | 170 | 1.6 | 65 | 75 | 82 | 2.0 |
| Reno, NV | 3,786 | 4,712 | 5,319 | 2.9 | 15,791 | 16,759 | 17,569 | 33 | 240 | 281 | 303 | 2.0 | 161 | 189 | 206 | 2.0 |
| Richland-Kennewick-Pasco, WA | 1,716 | 2,012 | 2,209 | 2.1 | 11,726 | 12,956 | 13,800 | 171 | 146 | 155 | 160 | .7 | 75 | 81 | 85 | 1.1 |
| Richmond-Petersburg, VA | 12,625 | 14,842 | 16,386 | 2.2 | 14,953 | 16,156 | 17,027 | 43 | 844 | 919 | 962 | 1.1 | 555 | 607 | 641 | 1.2 |
| Riverside-San Bernardino, CA (PMSA) | 28,639 | 35,372 | 40,326 | 2.9 | 12,574 | 13,561 | 14,292 | 149 | 2,278 | 2,608 | 2,822 | 1.8 | 856 | 985 | 1,072 | 1.9 |
| Roanoke, VA | 2,966 | 3,392 | 3,683 | 1.8 | 13,387 | 14,558 | 15,394 | 98 | 222 | 233 | 239 | .6 | 147 | 158 | 165 | 1.0 |
| Rochester, MN | 1,484 | 1,743 | 1,914 | 2.1 | 14,698 | 16,062 | 17,025 | 44 | 101 | 109 | 112 | .9 | 73 | 81 | 85 | 1.2 |
| Rochester, NY | 14,386 | 15,959 | 16,990 | 1.4 | 14,677 | 15,946 | 16,806 | 51 | 980 | 1,001 | 1,011 | .3 | 562 | 597 | 618 | .8 |
| Rockford, IL | 3,752 | 4,242 | 4,587 | 1.7 | 13,296 | 14,449 | 15,285 | 105 | 282 | 294 | 300 | .5 | 159 | 172 | 180 | 1.0 |
| Sacramento, CA | 18,970 | 23,245 | 26,283 | 2.8 | 13,695 | 14,769 | 15,559 | 88 | 1,385 | 1,574 | 1,689 | 1.7 | 744 | 864 | 943 | 2.0 |
| Saginaw-Bay City-Midland, MI | 5,015 | 5,585 | 5,990 | 1.5 | 12,346 | 13,385 | 14,128 | 158 | 406 | 417 | 424 | .4 | 184 | 196 | 204 | .9 |
| St. Cloud, MN | 1,912 | 2,242 | 2,467 | 2.1 | 10,550 | 11,686 | 12,491 | 253 | 181 | 192 | 197 | .7 | 96 | 107 | 113 | 1.4 |
| St. Joseph, MO | 966 | 1,089 | 1,177 | 1.7 | 11,309 | 12,649 | 13,610 | 180 | 85 | 86 | 86 | .1 | 46 | 49 | 50 | .6 |
| St. Louis, MO-IL | 35,278 | 40,006 | 43,378 | 1.7 | 14,302 | 15,687 | 16,686 | 53 | 2,467 | 2,550 | 2,600 | .4 | 1,403 | 1,500 | 1,565 | .9 |
| Salem, OR | 2,973 | 3,509 | 3,884 | 2.3 | 11,020 | 12,105 | 12,884 | 232 | 270 | 290 | 301 | .9 | 134 | 147 | 155 | 1.2 |
| Salinas-Seaside-Monterey, CA | 4,772 | 5,634 | 6,261 | 2.3 | 13,683 | 14,652 | 15,413 | 96 | 349 | 385 | 406 | 1.3 | 194 | 219 | 236 | 1.6 |
| Salt Lake City-Ogden, UT | 11,198 | 13,446 | 15,190 | 2.6 | 10,514 | 11,616 | 12,451 | 254 | 1,065 | 1,158 | 1,220 | 1.1 | 556 | 627 | 678 | 1.7 |
| San Angelo, TX | 1,114 | 1,273 | 1,382 | 1.8 | 11,220 | 12,396 | 13,251 | 211 | 99 | 103 | 104 | .4 | 52 | 56 | 58 | .9 |
| San Antonio, TX | 14,280 | 16,823 | 18,614 | 2.2 | 10,792 | 11,982 | 12,861 | 233 | 1,323 | 1,404 | 1,447 | .8 | 646 | 702 | 738 | 1.1 |
| San Diego, CA | 33,463 | 41,096 | 46,451 | 2.8 | 14,117 | 15,228 | 16,061 | 64 | 2,370 | 2,699 | 2,892 | 1.7 | 1,309 | 1,518 | 1,650 | 1.9 |
| San Francisco, CA (PMSA) | 33,601 | 38,764 | 42,319 | 1.9 | 21,132 | 23,091 | 24,564 | 2 | 1,590 | 1,679 | 1,723 | .7 | 1,202 | 1,326 | 1,406 | 1.3 |
| San Jose, CA (PMSA) | 26,664 | 31,759 | 35,273 | 2.4 | 18,620 | 20,451 | 21,774 | 8 | 1,432 | 1,553 | 1,620 | 1.0 | 987 | 1,113 | 1,192 | 1.6 |
| Santa Barbara-Santa Maria-Lompoc, CA | 5,484 | 6,422 | 7,074 | 2.1 | 15,981 | 17,285 | 18,257 | 26 | 343 | 372 | 387 | 1.0 | 206 | 230 | 245 | 1.5 |
| Santa Cruz, CA (PMSA) | 3,457 | 4,205 | 4,728 | 2.6 | 15,247 | 16,614 | 17,637 | 32 | 227 | 253 | 268 | 1.4 | 115 | 133 | 145 | 2.0 |
| Santa Fe, NM | 1,464 | 1,768 | 1,987 | 2.6 | 13,014 | 14,297 | 15,201 | 110 | 112 | 124 | 131 | 1.3 | 67 | 76 | 82 | 1.7 |
| Santa Rosa-Petaluma, CA (PMSA) | 5,758 | 7,015 | 7,908 | 2.7 | 15,730 | 17,039 | 18,033 | 27 | 366 | 412 | 439 | 1.5 | 183 | 216 | 236 | 2.1 |
| Sarasota, FL | 4,626 | 5,912 | 6,837 | 3.3 | 17,751 | 20,104 | 21,697 | 9 | 261 | 294 | 315 | 1.6 | 148 | 173 | 190 | 2.1 |
| Savannah, GA | 2,874 | 3,378 | 3,732 | 2.2 | 11,761 | 13,008 | 13,909 | 166 | 244 | 260 | 268 | .8 | 134 | 147 | 155 | 1.3 |
| Scranton-Wilkes-Barre, PA | 8,542 | 9,590 | 10,334 | 1.6 | 11,596 | 12,679 | 13,435 | 195 | 737 | 756 | 769 | .4 | 362 | 386 | 403 | .9 |

See footnotes at end of table.

**Table 1.—Total Personal Income, Per Capita Personal Income, Population, and Employment by Metropolitan Area, 1988, 1995, and 2000—Continued**

| | Total personal income | | | | Per capita personal income | | | | Population | | | | Employment | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Millions of 1982 dollars | | | Average annual growth rate (percent) | 1982 dollars | | | Rank in the United States | Thousands of persons | | | Average annual growth rate (percent) | Thousands of jobs | | | Average annual growth rate (percent) |
| | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 2000 | 1988 | 1995 | 2000 | 1988–2000 | 1988 | 1995 | 2000 | 1988–2000 |
| Seattle, WA (PMSA) | 29,462 | 35,355 | 39,483 | 2.5 | 15,825 | 17,243 | 18,281 | 25 | 1,862 | 2,050 | 2,160 | 1.2 | 1,208 | 1,362 | 1,460 | 1.6 |
| Sharon, PA | 1,292 | 1,410 | 1,494 | 1.2 | 10,555 | 11,599 | 12,333 | 263 | 122 | 122 | 121 | -.1 | 52 | 53 | 54 | .4 |
| Sheboygan, WI | 1,337 | 1,512 | 1,631 | 1.7 | 12,984 | 14,294 | 15,224 | 109 | 103 | 106 | 107 | .3 | 58 | 61 | 63 | .7 |
| Sherman-Denison, TX | 1,129 | 1,296 | 1,412 | 1.9 | 11,524 | 12,894 | 13,872 | 169 | 98 | 100 | 102 | .3 | 47 | 50 | 52 | .8 |
| Shreveport, LA | 3,795 | 4,233 | 4,550 | 1.5 | 10,567 | 11,707 | 12,517 | 250 | 359 | 362 | 364 | .1 | 173 | 180 | 185 | .5 |
| Sioux City, IA-NE | 1,333 | 1,566 | 1,718 | 2.1 | 11,519 | 12,957 | 13,916 | 164 | 116 | 121 | 123 | .5 | 69 | 75 | 78 | 1.1 |
| Sioux Falls, SD | 1,541 | 1,882 | 2,096 | 2.6 | 12,277 | 13,915 | 14,976 | 119 | 126 | 135 | 140 | .9 | 83 | 93 | 99 | 1.4 |
| South Bend-Mishawaka, IN | 3,089 | 3,532 | 3,845 | 1.8 | 12,646 | 14,071 | 15,022 | 116 | 244 | 251 | 256 | .4 | 136 | 147 | 155 | 1.1 |
| Spokane, WA | 4,115 | 4,812 | 5,288 | 2.1 | 11,544 | 12,694 | 13,522 | 189 | 356 | 379 | 391 | .8 | 185 | 202 | 211 | 1.1 |
| Springfield, IL | 2,627 | 2,990 | 3,251 | 1.8 | 13,702 | 14,971 | 15,904 | 71 | 192 | 200 | 204 | .5 | 122 | 134 | 142 | 1.2 |
| Springfield, MO | 2,710 | 3,262 | 3,657 | 2.5 | 11,567 | 12,870 | 13,796 | 172 | 234 | 253 | 265 | 1.0 | 148 | 164 | 175 | 1.4 |
| Springfield, MA (NECMA) | 8,222 | 9,124 | 9,791 | 1.5 | 13,882 | 14,791 | 15,473 | 91 | 592 | 617 | 633 | .6 | 323 | 346 | 361 | 1.0 |
| State College, PA | 1,296 | 1,487 | 1,624 | 1.9 | 11,201 | 12,418 | 13,266 | 210 | 116 | 120 | 122 | .5 | 66 | 72 | 76 | 1.1 |
| Steubenville-Weirton, OH-WV | 1,540 | 1,679 | 1,773 | 1.2 | 10,424 | 11,431 | 12,127 | 272 | 148 | 147 | 146 | -.1 | 61 | 62 | 63 | .3 |
| Stockton, CA | 5,192 | 6,109 | 6,765 | 2.2 | 11,394 | 12,126 | 12,703 | 243 | 456 | 504 | 533 | 1.3 | 202 | 225 | 240 | 1.5 |
| Syracuse, NY | 8,351 | 9,306 | 9,934 | 1.5 | 12,841 | 13,947 | 14,697 | 132 | 650 | 667 | 676 | .3 | 359 | 383 | 399 | .9 |
| Tacoma, WA (PMSA) | 6,584 | 7,739 | 8,536 | 2.2 | 11,776 | 12,745 | 13,464 | 193 | 559 | 607 | 634 | 1.1 | 256 | 282 | 297 | 1.3 |
| Tallahassee, FL | 2,496 | 3,000 | 3,377 | 2.6 | 10,917 | 11,817 | 12,512 | 251 | 229 | 254 | 270 | 1.4 | 135 | 152 | 163 | 1.6 |
| Tampa-St. Petersburg-Clearwater, FL | 26,296 | 31,871 | 35,957 | 2.6 | 13,180 | 14,337 | 15,188 | 112 | 1,995 | 2,223 | 2,367 | 1.4 | 1,051 | 1,196 | 1,297 | 1.8 |
| Terre Haute, IN | 1,376 | 1,512 | 1,613 | 1.3 | 10,376 | 11,278 | 11,880 | 283 | 133 | 134 | 136 | .2 | 65 | 68 | 70 | .5 |
| Texarkana, TX-Texarkana, AR | 1,243 | 1,407 | 1,521 | 1.7 | 10,407 | 11,438 | 12,177 | 268 | 119 | 123 | 125 | .4 | 57 | 61 | 63 | .8 |
| Toledo, OH | 7,964 | 8,895 | 9,550 | 1.5 | 12,918 | 14,132 | 15,005 | 118 | 616 | 629 | 636 | .3 | 337 | 358 | 372 | .8 |
| Topeka, KS | 2,227 | 2,548 | 2,746 | 1.8 | 13,513 | 15,017 | 15,944 | 70 | 165 | 170 | 172 | .4 | 108 | 114 | 118 | .8 |
| Trenton, NJ (PMSA) | 5,926 | 6,725 | 7,330 | 1.8 | 17,904 | 19,022 | 19,919 | 16 | 331 | 354 | 368 | .9 | 216 | 235 | 248 | 1.1 |
| Tucson, AZ | 7,337 | 8,895 | 10,027 | 2.6 | 11,536 | 12,542 | 13,318 | 203 | 636 | 709 | 753 | 1.4 | 314 | 359 | 389 | 1.8 |
| Tulsa, OK | 8,810 | 10,164 | 11,143 | 2.0 | 12,108 | 13,501 | 14,469 | 142 | 728 | 753 | 770 | .5 | 387 | 421 | 442 | 1.1 |
| Tuscaloosa, AL | 1,516 | 1,717 | 1,859 | 1.7 | 10,428 | 11,669 | 12,525 | 249 | 145 | 147 | 148 | .2 | 70 | 73 | 76 | .7 |
| Tyler, TX | 1,857 | 2,167 | 2,387 | 2.1 | 12,171 | 13,457 | 14,375 | 147 | 153 | 161 | 166 | .7 | 83 | 90 | 95 | 1.1 |
| Utica-Rome, NY | 3,606 | 3,928 | 4,137 | 1.2 | 11,536 | 12,579 | 13,269 | 208 | 313 | 312 | 312 | 0 | 153 | 160 | 163 | .5 |
| Vallejo-Fairfield-Napa, CA (PMSA) | 5,632 | 6,869 | 7,742 | 2.7 | 13,386 | 14,480 | 15,308 | 104 | 421 | 474 | 506 | 1.5 | 177 | 204 | 220 | 1.8 |
| Vancouver, WA (PMSA) | 2,615 | 3,163 | 3,549 | 2.6 | 11,559 | 12,565 | 13,307 | 205 | 226 | 252 | 267 | 1.4 | 94 | 107 | 115 | 1.7 |
| Victoria, TX | 874 | 999 | 1,088 | 1.8 | 11,770 | 13,241 | 14,202 | 154 | 74 | 75 | 77 | .3 | 36 | 38 | 39 | .8 |
| Vineland-Millville-Bridgeton, NJ (PMSA) | 1,639 | 1,805 | 1,938 | 1.4 | 11,835 | 12,392 | 12,895 | 231 | 138 | 146 | 150 | .7 | 67 | 71 | 74 | .8 |
| Visalia-Tulare-Porterville, CA | 3,086 | 3,581 | 3,934 | 2.0 | 10,359 | 10,929 | 11,403 | 300 | 298 | 328 | 345 | 1.2 | 137 | 153 | 163 | 1.5 |
| Waco, TX | 2,026 | 2,313 | 2,517 | 1.8 | 10,772 | 11,965 | 12,824 | 235 | 188 | 193 | 196 | .4 | 95 | 101 | 105 | .9 |
| Washington, DC-MD-VA | 69,509 | 81,875 | 90,746 | 2.2 | 18,614 | 20,030 | 21,063 | 10 | 3,734 | 4,088 | 4,308 | 1.2 | 2,668 | 2,986 | 3,193 | 1.5 |
| Waterloo-Cedar Falls, IA | 1,683 | 1,939 | 2,105 | 1.9 | 11,390 | 12,754 | 13,681 | 174 | 148 | 152 | 154 | .3 | 80 | 86 | 89 | .9 |
| Wausau, WI | 1,283 | 1,469 | 1,594 | 1.8 | 11,316 | 12,467 | 13,274 | 206 | 113 | 118 | 120 | .5 | 62 | 67 | 70 | .9 |
| West Palm Beach-Boca Raton-Delray Beach, FL | 15,004 | 19,185 | 22,267 | 3.3 | 18,333 | 20,345 | 21,798 | 7 | 818 | 943 | 1,022 | 1.9 | 462 | 545 | 602 | 2.2 |
| Wheeling, WV-OH | 1,762 | 1,929 | 2,044 | 1.2 | 10,275 | 11,357 | 12,100 | 273 | 172 | 170 | 169 | -.1 | 72 | 73 | 74 | .3 |
| Wichita, KS | 6,390 | 7,447 | 8,101 | 2.0 | 13,226 | 14,809 | 15,814 | 79 | 483 | 503 | 512 | .5 | 291 | 311 | 323 | .9 |
| Wichita Falls, TX | 1,494 | 1,683 | 1,815 | 1.6 | 11,992 | 13,281 | 14,200 | 155 | 125 | 127 | 128 | .2 | 74 | 78 | 81 | .7 |
| Williamsport, PA | 1,345 | 1,522 | 1,647 | 1.7 | 11,368 | 12,655 | 13,554 | 186 | 118 | 120 | 121 | .2 | 61 | 65 | 67 | .8 |
| Wilmington, DE-NJ-MD (PMSA) | 8,610 | 9,938 | 10,884 | 2.0 | 15,013 | 15,919 | 16,694 | 52 | 573 | 624 | 652 | 1.1 | 333 | 366 | 387 | 1.3 |
| Wilmington, NC | 1,371 | 1,625 | 1,801 | 2.3 | 11,683 | 12,975 | 13,880 | 168 | 117 | 125 | 130 | .8 | 71 | 78 | 82 | 1.2 |
| Worcester-Fitchburg-Leominster, MA (NECMA) | 10,336 | 11,510 | 12,384 | 1.5 | 15,303 | 16,177 | 16,834 | 50 | 675 | 712 | 736 | .7 | 367 | 395 | 413 | 1.0 |
| Yakima, WA | 1,947 | 2,257 | 2,456 | 2.0 | 10,493 | 11,526 | 12,184 | 267 | 186 | 196 | 202 | .7 | 93 | 100 | 104 | .9 |
| York, PA | 5,647 | 6,440 | 7,003 | 1.8 | 13,761 | 15,091 | 16,031 | 65 | 410 | 427 | 437 | .5 | 215 | 228 | 238 | .8 |
| Youngstown-Warren, OH | 5,742 | 6,307 | 6,703 | 1.3 | 11,444 | 12,512 | 13,273 | 207 | 502 | 504 | 505 | .1 | 230 | 241 | 248 | .6 |
| Yuba City, CA | 1,204 | 1,414 | 1,555 | 2.2 | 10,163 | 10,957 | 11,553 | 294 | 118 | 129 | 135 | 1.1 | 48 | 53 | 55 | 1.1 |

1. The U.S. total includes metropolitan and nonmetropolitan counties. The U.S. population estimate for 1988 differs slightly from the estimate shown in the article on regional and State projections in the May 1990 SURVEY OF CURRENT BUSINESS. The U.S. total for metropolitan statistical areas and nonmetropolitan counties results from summing Census Bureau county-level population estimates, which were used in making the population projections for substate areas. The U.S. total for States is from revised State-level population estimates made by the Census Bureau after the county-level estimates were made. The Census Bureau has not revised the county-level population estimates to agree with the State-level estimates.

2. Only the name of the largest metropolitan area in each consolidated metropolitan statistical area (CMSA) is shown.

3. Includes metropolitan statistical areas, primary metropolitan statistical areas (PMSA's), and New England county metropolitan areas (NECMA's). The Bridgeport-Stamford-Norwalk-Danbury, CT, NECMA is presented as a PMSA (part of the New York-Northern New Jersey-Long Island, NY-NJ-CT, CMSA).

PMSA Primary metropolitan statistical area

NECMA New England county metropolitan area

# Summary Fixed Reproducible Tangible Wealth Series, 1925–89

Summary estimates of fixed reproducible tangible wealth in the United States are shown in tables 1–4 for the entire period for which these series are available. More detailed estimates—including estimates by industry, by type of asset, and by legal form of organization for fixed private capital—and a detailed statement of methodology underlying the estimates are in *Fixed Reproducible Tangible Wealth in the United States, 1925–85* (for order information, see inside back cover of this issue). Estimates of fixed private capital by industry also appeared in the following issues of the SURVEY OF CURRENT BUSINESS: For 1947–82, January 1986; for 1982–89, September 1990.

**Table 1.—Current-Cost Gross Stock of Fixed Reproducible Tangible Wealth, 1925–89**

[Billions of dollars]

| Yearend | Total | Fixed private capital | | | | | Government-owned fixed capital | | | Durable goods owned by consumers |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Nonresidential | | | Residential | Total | Federal | State and local | |
| | | | Total | Equipment | Structures | | | | | |
| 1925 | 419.3 | 310.8 | 181.2 | 54.5 | 126.7 | 129.6 | 48.0 | 11.5 | 36.5 | 60.5 |
| 1926 | 434.0 | 321.3 | 186.6 | 57.0 | 129.6 | 134.7 | 49.4 | 11.5 | 37.9 | 63.3 |
| 1927 | 445.4 | 328.6 | 190.5 | 58.5 | 132.0 | 138.1 | 50.7 | 11.3 | 39.4 | 66.1 |
| 1928 | 460.2 | 339.5 | 193.1 | 59.5 | 133.7 | 146.3 | 52.0 | 11.2 | 40.8 | 68.8 |
| 1929 | 466.2 | 343.6 | 192.9 | 60.1 | 132.8 | 150.7 | 52.4 | 11.0 | 41.5 | 70.2 |
| 1930 | 445.0 | 326.7 | 182.9 | 58.1 | 124.9 | 143.8 | 51.0 | 10.4 | 40.6 | 67.2 |
| 1931 | 398.5 | 291.4 | 166.2 | 54.5 | 111.6 | 125.2 | 46.3 | 9.4 | 36.9 | 60.9 |
| 1932 | 367.9 | 266.2 | 154.7 | 51.4 | 103.4 | 111.5 | 46.3 | 9.3 | 37.0 | 55.4 |
| 1933 | 381.5 | 272.5 | 155.7 | 50.8 | 104.9 | 116.9 | 54.0 | 10.7 | 43.4 | 54.9 |
| 1934 | 396.4 | 281.1 | 158.7 | 51.3 | 107.3 | 122.5 | 59.8 | 12.2 | 47.6 | 55.5 |
| 1935 | 404.3 | 285.3 | 161.0 | 51.0 | 110.0 | 124.3 | 64.0 | 13.6 | 50.4 | 55.1 |
| 1936 | 434.2 | 305.4 | 170.4 | 52.7 | 117.7 | 135.0 | 71.9 | 16.4 | 55.4 | 56.9 |
| 1937 | 459.6 | 325.7 | 179.7 | 55.7 | 124.0 | 146.0 | 75.0 | 17.0 | 57.9 | 58.9 |
| 1938 | 464.3 | 328.3 | 178.3 | 55.7 | 122.6 | 150.0 | 77.5 | 17.9 | 59.5 | 58.6 |
| 1939 | 474.5 | 334.3 | 179.6 | 56.1 | 123.4 | 154.7 | 80.8 | 19.2 | 61.5 | 59.4 |
| 1940 | 508.1 | 355.5 | 188.3 | 59.2 | 129.1 | 167.2 | 88.6 | 22.1 | 66.5 | 64.1 |
| 1941 | 574.1 | 387.9 | 204.8 | 64.5 | 140.3 | 183.1 | 111.0 | 32.7 | 78.2 | 75.2 |
| 1942 | 653.1 | 414.8 | 217.7 | 66.9 | 150.8 | 197.1 | 152.5 | 63.4 | 89.1 | 85.8 |
| 1943 | 733.6 | 435.9 | 222.7 | 67.5 | 155.2 | 213.2 | 201.8 | 110.7 | 91.0 | 96.0 |
| 1944 | 802.4 | 457.3 | 227.1 | 68.6 | 158.5 | 230.2 | 244.2 | 154.8 | 89.4 | 100.9 |
| 1945 | 883.0 | 495.2 | 247.5 | 75.3 | 172.2 | 247.7 | 285.1 | 191.1 | 93.9 | 102.8 |
| 1946 | 1,006.5 | 588.1 | 297.5 | 89.9 | 207.6 | 290.6 | 304.7 | 195.8 | 108.9 | 113.7 |
| 1947 | 1,143.2 | 693.3 | 351.9 | 107.8 | 244.1 | 341.4 | 314.7 | 186.1 | 128.6 | 135.2 |
| 1948 | 1,214.5 | 755.9 | 384.3 | 125.6 | 258.8 | 371.6 | 304.5 | 166.0 | 138.5 | 154.0 |
| 1949 | 1,243.0 | 789.9 | 400.2 | 138.9 | 261.3 | 389.7 | 284.0 | 145.5 | 138.5 | 169.1 |
| 1950 | 1,356.4 | 865.9 | 438.7 | 158.2 | 280.5 | 427.1 | 290.1 | 138.9 | 151.3 | 200.4 |
| 1951 | 1,492.5 | 943.7 | 480.8 | 178.4 | 302.4 | 462.9 | 322.1 | 151.5 | 170.7 | 226.6 |
| 1952 | 1,577.4 | 990.8 | 506.2 | 192.8 | 313.4 | 484.6 | 342.2 | 163.0 | 179.2 | 244.3 |
| 1953 | 1,639.1 | 1,028.2 | 526.6 | 207.9 | 318.7 | 501.6 | 353.3 | 174.4 | 178.9 | 257.5 |
| 1954 | 1,706.0 | 1,072.2 | 546.2 | 221.3 | 324.9 | 526.0 | 366.2 | 179.1 | 187.1 | 267.6 |
| 1955 | 1,834.0 | 1,151.5 | 591.2 | 243.2 | 347.9 | 560.3 | 399.0 | 193.7 | 205.3 | 283.5 |
| 1956 | 1,989.4 | 1,237.8 | 650.3 | 272.9 | 377.4 | 587.5 | 438.5 | 209.5 | 229.0 | 313.1 |
| 1957 | 2,082.1 | 1,296.6 | 689.7 | 297.3 | 392.4 | 606.9 | 460.6 | 217.3 | 243.3 | 324.9 |
| 1958 | 2,157.5 | 1,338.7 | 710.9 | 311.8 | 399.1 | 627.7 | 473.8 | 220.5 | 253.3 | 345.1 |
| 1959 | 2,240.3 | 1,391.0 | 738.0 | 328.8 | 409.1 | 653.0 | 486.3 | 225.4 | 260.9 | 363.1 |
| 1960 | 2,309.3 | 1,431.8 | 755.7 | 341.7 | 414.0 | 676.0 | 502.1 | 230.6 | 271.5 | 375.5 |
| 1961 | 2,384.5 | 1,473.8 | 775.4 | 350.9 | 424.5 | 698.4 | 523.3 | 237.2 | 286.0 | 387.4 |
| 1962 | 2,478.0 | 1,525.4 | 802.3 | 365.1 | 437.2 | 723.1 | 552.5 | 246.1 | 306.4 | 400.2 |
| 1963 | 2,570.3 | 1,570.4 | 832.0 | 381.5 | 450.5 | 738.4 | 580.9 | 255.0 | 326.0 | 419.0 |
| 1964 | 2,699.8 | 1,654.8 | 872.3 | 402.6 | 469.7 | 782.5 | 610.2 | 265.6 | 344.6 | 434.8 |
| 1965 | 2,849.7 | 1,749.4 | 932.3 | 431.1 | 501.2 | 817.1 | 651.2 | 277.9 | 373.3 | 449.0 |
| 1966 | 3,080.8 | 1,894.9 | 1,014.4 | 474.2 | 540.2 | 880.5 | 705.1 | 293.3 | 411.8 | 480.9 |
| 1967 | 3,295.5 | 2,018.4 | 1,093.0 | 519.5 | 573.5 | 925.4 | 756.6 | 308.3 | 448.3 | 520.5 |
| 1968 | 3,632.2 | 2,236.8 | 1,202.5 | 570.0 | 632.5 | 1,034.3 | 824.2 | 326.1 | 498.1 | 571.2 |
| 1969 | 3,981.0 | 2,453.0 | 1,320.9 | 619.0 | 701.9 | 1,132.1 | 906.4 | 346.7 | 559.7 | 621.6 |
| 1970 | 4,334.9 | 2,648.8 | 1,453.4 | 679.3 | 774.1 | 1,195.5 | 1,006.4 | 371.0 | 635.4 | 679.7 |
| 1971 | 4,746.9 | 2,925.9 | 1,598.9 | 733.2 | 865.7 | 1,327.0 | 1,098.5 | 393.7 | 704.8 | 722.4 |
| 1972 | 5,182.6 | 3,215.7 | 1,737.7 | 789.8 | 948.0 | 1,478.0 | 1,188.8 | 415.7 | 773.1 | 778.0 |
| 1973 | 5,829.1 | 3,633.9 | 1,940.3 | 875.1 | 1,065.2 | 1,693.6 | 1,336.8 | 450.8 | 886.0 | 858.4 |
| 1974 | 6,969.6 | 4,317.1 | 2,387.1 | 1,083.9 | 1,303.2 | 1,930.0 | 1,647.0 | 516.9 | 1,130.1 | 1,005.6 |
| 1975 | 7,604.7 | 4,756.0 | 2,661.7 | 1,252.2 | 1,409.5 | 2,094.3 | 1,729.7 | 549.0 | 1,180.6 | 1,119.1 |
| 1976 | 8,334.4 | 5,277.1 | 2,920.8 | 1,389.2 | 1,531.6 | 2,356.3 | 1,823.5 | 591.8 | 1,231.7 | 1,233.8 |
| 1977 | 9,359.3 | 5,992.4 | 3,253.5 | 1,557.8 | 1,695.7 | 2,738.9 | 1,995.1 | 634.6 | 1,360.6 | 1,371.8 |
| 1978 | 10,904.9 | 6,981.5 | 3,774.6 | 1,770.3 | 2,004.3 | 3,206.9 | 2,371.8 | 709.8 | 1,662.0 | 1,551.7 |
| 1979 | 12,366.4 | 7,902.0 | 4,225.2 | 2,031.2 | 2,194.1 | 3,676.8 | 2,704.0 | 802.3 | 1,901.6 | 1,760.3 |
| 1980 | 13,914.0 | 8,942.8 | 4,844.4 | 2,353.3 | 2,491.1 | 4,098.4 | 2,997.0 | 909.9 | 2,087.1 | 1,974.2 |
| 1981 | 15,330.3 | 10,006.7 | 5,503.7 | 2,680.3 | 2,823.3 | 4,503.0 | 3,162.0 | 997.4 | 2,164.7 | 2,161.6 |
| 1982 | 15,872.6 | 10,343.2 | 5,859.2 | 2,894.2 | 2,965.1 | 4,484.0 | 3,233.9 | 1,058.9 | 2,175.0 | 2,295.5 |
| 1983 | 16,767.6 | 10,928.6 | 6,094.7 | 3,007.9 | 3,086.8 | 4,833.9 | 3,386.7 | 1,122.6 | 2,264.1 | 2,452.3 |
| 1984 | 17,733.3 | 11,565.9 | 6,432.9 | 3,153.2 | 3,279.7 | 5,133.0 | 3,561.3 | 1,161.7 | 2,399.6 | 2,606.2 |
| 1985 | 18,770.0 | 12,105.0 | 6,706.4 | 3,286.6 | 3,419.8 | 5,398.5 | 3,847.9 | 1,257.2 | 2,590.8 | 2,817.1 |
| 1986 | 19,787.2 | 12,756.9 | 7,056.5 | 3,511.4 | 3,545.1 | 5,700.4 | 3,967.4 | 1,309.0 | 2,658.5 | 3,062.9 |
| 1987 | 21,134.1 | 13,706.6 | 7,459.3 | 3,685.4 | 3,773.9 | 6,247.2 | 4,116.3 | 1,347.3 | 2,769.0 | 3,311.3 |
| 1988 | 22,395.3 | 14,423.9 | 7,895.6 | 3,942.7 | 3,952.9 | 6,528.3 | 4,394.3 | 1,431.2 | 2,963.1 | 3,577.1 |
| 1989 | 23,789.1 | 15,397.4 | 8,387.5 | 4,185.9 | 4,201.6 | 7,009.9 | 4,561.0 | 1,500.8 | 3,060.3 | 3,830.7 |

**Table 2.—Current-Cost Net Stock of Fixed Reproducible Tangible Wealth, 1925–89**

[Billions of dollars]

| Yearend | Total | Fixed private capital | | | | | Government-owned fixed capital | | | Durable goods owned by consumers |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Nonresidential | | | Residential | Total | Federal | State and local | |
| | | | Total | Equipment | Structures | | | | | |
| 1925 | 250.0 | 182.4 | 99.4 | 29.4 | 70.0 | 83.0 | 34.9 | 8.1 | 26.7 | 32.7 |
| 1926 | 259.6 | 189.2 | 102.4 | 30.8 | 71.6 | 86.8 | 35.6 | 7.9 | 27.7 | 34.8 |
| 1927 | 266.4 | 193.7 | 104.3 | 31.4 | 72.9 | 89.4 | 36.3 | 7.5 | 28.8 | 36.4 |
| 1928 | 275.3 | 200.4 | 105.5 | 31.8 | 73.7 | 94.8 | 37.0 | 7.3 | 29.7 | 37.9 |
| 1929 | 278.8 | 202.8 | 105.5 | 32.3 | 73.2 | 97.3 | 37.1 | 6.9 | 30.2 | 38.8 |
| 1930 | 263.9 | 191.2 | 99.3 | 30.8 | 68.5 | 91.9 | 36.0 | 6.5 | 29.6 | 36.6 |
| 1931 | 232.3 | 167.5 | 88.3 | 27.9 | 60.4 | 79.2 | 32.6 | 5.8 | 26.8 | 32.2 |
| 1932 | 209.8 | 149.2 | 79.6 | 24.9 | 54.7 | 69.5 | 32.5 | 5.7 | 26.8 | 28.1 |
| 1933 | 214.3 | 149.6 | 77.7 | 23.5 | 54.2 | 71.8 | 37.8 | 6.6 | 31.2 | 27.0 |
| 1934 | 219.9 | 151.7 | 77.5 | 23.1 | 54.3 | 74.2 | 41.5 | 7.7 | 33.9 | 26.7 |
| 1935 | 222.4 | 151.9 | 77.4 | 22.8 | 54.7 | 74.5 | 44.1 | 8.7 | 35.4 | 26.4 |
| 1936 | 239.3 | 161.9 | 81.7 | 24.0 | 57.7 | 80.2 | 49.6 | 10.7 | 38.8 | 27.7 |
| 1937 | 253.1 | 172.5 | 86.5 | 26.3 | 60.3 | 86.0 | 51.2 | 11.0 | 40.2 | 29.4 |
| 1938 | 254.6 | 172.7 | 85.0 | 26.3 | 58.8 | 87.7 | 52.7 | 11.5 | 41.2 | 29.2 |
| 1939 | 260.1 | 175.1 | 85.1 | 26.7 | 58.4 | 90.0 | 54.9 | 12.4 | 42.5 | 30.1 |
| 1940 | 279.7 | 186.4 | 89.4 | 28.9 | 60.5 | 97.0 | 60.0 | 14.3 | 45.8 | 33.2 |
| 1941 | 318.1 | 204.1 | 98.1 | 32.7 | 65.4 | 106.0 | 76.2 | 22.8 | 53.4 | 37.9 |
| 1942 | 365.7 | 215.6 | 102.8 | 33.4 | 69.4 | 112.9 | 108.4 | 48.3 | 60.1 | 41.7 |
| 1943 | 410.3 | 223.6 | 103.2 | 33.0 | 70.2 | 120.4 | 141.8 | 81.6 | 60.2 | 44.9 |
| 1944 | 442.2 | 232.6 | 104.5 | 33.7 | 70.7 | 128.1 | 163.6 | 105.8 | 57.8 | 46.1 |
| 1945 | 478.5 | 250.5 | 114.5 | 38.4 | 76.1 | 136.0 | 181.8 | 122.4 | 59.5 | 46.2 |
| 1946 | 536.6 | 301.1 | 140.7 | 47.7 | 93.0 | 160.3 | 182.3 | 114.5 | 67.8 | 53.2 |
| 1947 | 608.1 | 361.8 | 171.2 | 60.6 | 110.6 | 190.5 | 181.2 | 101.7 | 79.4 | 65.1 |
| 1948 | 655.0 | 402.9 | 192.3 | 73.4 | 118.9 | 210.7 | 175.9 | 90.6 | 85.2 | 76.3 |
| 1949 | 679.9 | 427.0 | 203.8 | 82.2 | 121.5 | 223.3 | 166.4 | 81.3 | 85.1 | 86.6 |
| 1950 | 758.2 | 476.1 | 226.9 | 94.6 | 132.3 | 249.2 | 173.8 | 80.8 | 93.1 | 108.2 |
| 1951 | 841.4 | 524.8 | 251.8 | 106.8 | 145.1 | 273.0 | 192.1 | 86.8 | 105.3 | 124.4 |
| 1952 | 897.2 | 555.2 | 267.1 | 114.5 | 152.6 | 288.2 | 208.0 | 97.3 | 110.7 | 134.0 |
| 1953 | 941.6 | 581.5 | 280.9 | 122.9 | 158.0 | 300.6 | 217.2 | 106.5 | 110.7 | 143.0 |
| 1954 | 986.3 | 610.9 | 293.1 | 129.2 | 163.9 | 317.9 | 228.3 | 111.9 | 116.5 | 147.1 |
| 1955 | 1,067.6 | 662.4 | 320.0 | 141.4 | 178.6 | 342.4 | 247.9 | 119.3 | 128.6 | 157.3 |
| 1956 | 1,161.6 | 717.6 | 355.9 | 158.2 | 197.7 | 361.7 | 272.2 | 128.1 | 144.1 | 171.9 |
| 1957 | 1,216.1 | 756.1 | 380.7 | 171.8 | 208.9 | 375.5 | 283.8 | 129.9 | 153.8 | 176.2 |
| 1958 | 1,256.6 | 783.6 | 392.7 | 177.7 | 214.9 | 390.9 | 291.0 | 130.1 | 160.9 | 182.0 |
| 1959 | 1,305.0 | 818.7 | 409.0 | 186.2 | 222.8 | 409.7 | 297.3 | 130.9 | 166.4 | 189.0 |
| 1960 | 1,346.5 | 846.3 | 420.4 | 192.4 | 228.0 | 426.0 | 306.5 | 132.8 | 173.7 | 193.7 |
| 1961 | 1,392.2 | 873.8 | 432.3 | 196.0 | 236.3 | 441.6 | 321.6 | 137.8 | 183.8 | 196.8 |
| 1962 | 1,451.5 | 908.7 | 449.6 | 203.4 | 246.1 | 459.1 | 340.5 | 142.9 | 197.7 | 202.3 |
| 1963 | 1,512.2 | 940.1 | 468.6 | 212.4 | 256.2 | 471.5 | 359.3 | 148.0 | 211.4 | 212.8 |
| 1964 | 1,598.1 | 997.0 | 494.9 | 225.2 | 269.8 | 502.0 | 377.4 | 152.7 | 224.7 | 223.7 |
| 1965 | 1,701.0 | 1,061.9 | 535.7 | 243.8 | 291.9 | 526.2 | 403.1 | 158.2 | 244.8 | 236.1 |
| 1966 | 1,854.8 | 1,158.4 | 591.0 | 272.0 | 319.0 | 567.5 | 437.9 | 166.1 | 271.8 | 258.5 |
| 1967 | 1,990.4 | 1,237.1 | 640.7 | 299.6 | 341.1 | 596.4 | 470.1 | 172.2 | 297.9 | 283.2 |
| 1968 | 2,204.8 | 1,377.1 | 709.2 | 330.1 | 379.2 | 667.8 | 513.6 | 180.5 | 333.0 | 314.2 |
| 1969 | 2,425.8 | 1,516.7 | 784.8 | 360.5 | 424.3 | 731.9 | 565.4 | 189.8 | 375.5 | 343.7 |
| 1970 | 2,637.2 | 1,637.3 | 865.1 | 395.0 | 470.2 | 772.2 | 627.4 | 201.0 | 426.4 | 372.4 |
| 1971 | 2,888.0 | 1,811.0 | 950.5 | 423.6 | 526.9 | 860.5 | 683.3 | 210.8 | 472.4 | 393.7 |
| 1972 | 3,162.6 | 1,997.7 | 1,033.1 | 455.4 | 577.7 | 964.7 | 740.2 | 223.2 | 517.0 | 424.7 |
| 1973 | 3,570.0 | 2,267.6 | 1,157.7 | 507.5 | 650.2 | 1,109.9 | 832.0 | 241.9 | 590.1 | 470.5 |
| 1974 | 4,255.0 | 2,684.8 | 1,422.6 | 628.1 | 794.5 | 1,262.2 | 1,026.0 | 277.1 | 748.9 | 544.2 |
| 1975 | 4,600.2 | 2,934.5 | 1,571.0 | 718.7 | 852.3 | 1,363.5 | 1,070.0 | 292.3 | 777.7 | 595.7 |
| 1976 | 5,014.3 | 3,242.2 | 1,709.9 | 790.3 | 919.6 | 1,532.3 | 1,119.3 | 313.1 | 806.2 | 652.8 |
| 1977 | 5,624.8 | 3,681.0 | 1,895.8 | 885.0 | 1,010.8 | 1,785.2 | 1,218.4 | 335.2 | 883.2 | 725.5 |
| 1978 | 6,564.1 | 4,294.8 | 2,199.7 | 1,008.5 | 1,191.2 | 2,095.1 | 1,448.8 | 377.8 | 1,071.0 | 820.5 |
| 1979 | 7,436.1 | 4,866.5 | 2,459.1 | 1,160.2 | 1,298.9 | 2,407.4 | 1,644.3 | 428.7 | 1,215.5 | 925.3 |
| 1980 | 8,312.0 | 5,483.8 | 2,807.4 | 1,336.8 | 1,470.6 | 2,676.4 | 1,808.2 | 485.5 | 1,322.7 | 1,020.0 |
| 1981 | 9,093.9 | 6,103.6 | 3,175.1 | 1,512.6 | 1,662.5 | 2,928.5 | 1,893.8 | 533.4 | 1,360.4 | 1,096.5 |
| 1982 | 9,310.0 | 6,242.2 | 3,348.3 | 1,610.4 | 1,737.8 | 2,893.9 | 1,926.1 | 572.1 | 1,354.0 | 1,141.7 |
| 1983 | 9,774.6 | 6,563.2 | 3,450.4 | 1,652.2 | 1,798.2 | 3,112.7 | 2,004.5 | 608.9 | 1,395.6 | 1,206.9 |
| 1984 | 10,324.9 | 6,938.5 | 3,630.2 | 1,728.4 | 1,901.8 | 3,308.4 | 2,100.4 | 633.3 | 1,467.1 | 1,286.0 |
| 1985 | 10,911.8 | 7,254.6 | 3,771.7 | 1,796.5 | 1,975.1 | 3,483.0 | 2,259.5 | 688.7 | 1,570.8 | 1,397.7 |
| 1986 | 11,493.4 | 7,636.8 | 3,949.8 | 1,913.9 | 2,036.0 | 3,687.0 | 2,322.6 | 720.6 | 1,602.0 | 1,534.1 |
| 1987 | 12,272.6 | 8,199.6 | 4,149.4 | 2,002.3 | 2,147.1 | 4,050.1 | 2,409.3 | 749.5 | 1,659.8 | 1,663.7 |
| 1988 | 12,976.4 | 8,612.1 | 4,377.3 | 2,144.8 | 2,232.5 | 4,234.8 | 2,558.6 | 793.1 | 1,765.6 | 1,805.6 |
| 1989 | 13,761.8 | 9,179.0 | 4,633.0 | 2,274.2 | 2,358.9 | 4,546.0 | 2,648.9 | 834.6 | 1,814.4 | 1,933.8 |

**Table 3.—Constant-Cost Gross Stock of Fixed Reproducible Tangible Wealth, 1925–89**

[Billions of 1982 dollars]

| Yearend | Total | Fixed private capital | | | | | Government-owned fixed capital | | | Durable goods owned by consumers |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Nonresidential | | | Residential | Total | Federal | State and local | |
| | | | Total | Equipment | Structures | | | | | |
| 1925 | 3,538.0 | 2,914.6 | 1,700.2 | 441.0 | 1,259.3 | 1,214.4 | 392.2 | 102.9 | 289.3 | 231.2 |
| 1926 | 3,663.5 | 3,010.2 | 1,748.5 | 455.1 | 1,293.3 | 1,261.7 | 409.6 | 103.7 | 305.8 | 243.8 |
| 1927 | 3,779.8 | 3,095.1 | 1,789.5 | 464.1 | 1,325.4 | 1,305.6 | 429.2 | 104.4 | 324.7 | 255.5 |
| 1928 | 3,891.3 | 3,174.1 | 1,828.4 | 473.3 | 1,355.1 | 1,345.8 | 449.6 | 105.0 | 344.6 | 267.6 |
| 1929 | 4,000.7 | 3,249.1 | 1,876.0 | 487.2 | 1,388.8 | 1,373.1 | 470.5 | 106.1 | 364.5 | 281.1 |
| 1930 | 4,076.7 | 3,293.0 | 1,906.7 | 493.2 | 1,413.4 | 1,386.4 | 495.8 | 107.8 | 388.0 | 287.9 |
| 1931 | 4,115.8 | 3,303.1 | 1,907.4 | 488.2 | 1,419.2 | 1,395.7 | 522.2 | 110.6 | 411.6 | 290.5 |
| 1932 | 4,114.4 | 3,283.4 | 1,887.0 | 475.2 | 1,411.8 | 1,396.4 | 544.0 | 114.2 | 429.8 | 287.0 |
| 1933 | 4,097.6 | 3,255.4 | 1,860.0 | 460.8 | 1,399.2 | 1,395.4 | 560.2 | 119.8 | 440.4 | 282.1 |
| 1934 | 4,091.4 | 3,232.9 | 1,837.2 | 449.5 | 1,387.8 | 1,395.7 | 581.5 | 127.5 | 453.9 | 277.1 |
| 1935 | 4,097.6 | 3,219.7 | 1,819.3 | 442.1 | 1,377.2 | 1,400.4 | 603.5 | 137.3 | 466.3 | 274.3 |
| 1936 | 4,135.3 | 3,224.0 | 1,813.4 | 442.2 | 1,371.1 | 1,410.6 | 635.9 | 146.3 | 489.5 | 275.5 |
| 1937 | 4,179.9 | 3,238.3 | 1,816.3 | 446.3 | 1,370.0 | 1,422.0 | 663.1 | 154.9 | 508.2 | 278.5 |
| 1938 | 4,207.2 | 3,235.4 | 1,802.0 | 440.5 | 1,361.5 | 1,433.3 | 694.7 | 163.9 | 530.8 | 277.1 |
| 1939 | 4,253.3 | 3,241.0 | 1,789.9 | 437.2 | 1,352.7 | 1,451.1 | 731.7 | 173.9 | 557.8 | 280.6 |
| 1940 | 4,312.9 | 3,259.4 | 1,788.4 | 441.9 | 1,346.4 | 1,471.1 | 765.1 | 187.2 | 577.9 | 288.4 |
| 1941 | 4,442.8 | 3,289.5 | 1,796.1 | 452.2 | 1,344.0 | 1,493.4 | 852.1 | 260.4 | 591.7 | 301.2 |
| 1942 | 4,660.6 | 3,278.1 | 1,779.7 | 451.3 | 1,328.4 | 1,498.4 | 1,077.0 | 478.8 | 598.3 | 305.4 |
| 1943 | 4,968.0 | 3,250.1 | 1,754.6 | 448.2 | 1,306.4 | 1,495.5 | 1,411.0 | 811.5 | 599.5 | 306.9 |
| 1944 | 5,256.1 | 3,233.6 | 1,742.4 | 453.1 | 1,289.3 | 1,491.2 | 1,715.9 | 1,116.2 | 599.8 | 306.6 |
| 1945 | 5,423.2 | 3,240.8 | 1,752.2 | 473.0 | 1,279.1 | 1,488.6 | 1,874.2 | 1,273.7 | 600.4 | 308.2 |
| 1946 | 5,357.5 | 3,311.4 | 1,791.1 | 503.0 | 1,288.1 | 1,520.3 | 1,718.0 | 1,111.3 | 606.7 | 328.0 |
| 1947 | 5,344.3 | 3,404.1 | 1,839.2 | 547.6 | 1,291.6 | 1,564.9 | 1,584.2 | 962.8 | 621.4 | 356.0 |
| 1948 | 5,349.1 | 3,517.2 | 1,894.9 | 593.4 | 1,301.5 | 1,622.3 | 1,445.9 | 807.0 | 638.9 | 386.0 |
| 1949 | 5,387.4 | 3,610.7 | 1,938.4 | 627.9 | 1,310.5 | 1,672.3 | 1,359.2 | 699.9 | 659.3 | 417.4 |
| 1950 | 5,498.9 | 3,737.2 | 1,992.8 | 668.5 | 1,324.2 | 1,744.4 | 1,308.4 | 625.9 | 682.5 | 453.2 |
| 1951 | 5,684.4 | 3,855.8 | 2,052.9 | 712.6 | 1,340.3 | 1,802.9 | 1,344.6 | 637.9 | 706.7 | 484.0 |
| 1952 | 5,883.8 | 3,970.7 | 2,112.2 | 755.4 | 1,356.8 | 1,858.5 | 1,400.3 | 669.0 | 731.4 | 512.8 |
| 1953 | 6,094.0 | 4,094.0 | 2,177.7 | 799.4 | 1,378.3 | 1,916.4 | 1,458.8 | 700.6 | 758.3 | 541.1 |
| 1954 | 6,294.1 | 4,216.6 | 2,237.0 | 835.9 | 1,401.1 | 1,979.6 | 1,504.8 | 713.5 | 791.4 | 572.7 |
| 1955 | 6,531.8 | 4,360.7 | 2,305.4 | 876.7 | 1,428.7 | 2,055.3 | 1,560.5 | 733.2 | 827.3 | 610.6 |
| 1956 | 6,754.9 | 4,505.4 | 2,381.9 | 919.3 | 1,462.6 | 2,123.5 | 1,603.3 | 739.1 | 864.2 | 646.2 |
| 1957 | 6,970.3 | 4,641.7 | 2,454.9 | 958.7 | 1,496.2 | 2,186.8 | 1,651.6 | 748.2 | 903.4 | 677.1 |
| 1958 | 7,168.3 | 4,764.8 | 2,505.2 | 981.5 | 1,523.6 | 2,259.7 | 1,701.3 | 756.2 | 945.0 | 702.2 |
| 1959 | 7,395.3 | 4,904.7 | 2,565.1 | 1,010.7 | 1,554.4 | 2,339.5 | 1,760.5 | 772.4 | 988.1 | 730.1 |
| 1960 | 7,615.6 | 5,040.1 | 2,627.9 | 1,039.1 | 1,588.8 | 2,412.2 | 1,819.6 | 788.5 | 1,031.2 | 755.9 |
| 1961 | 7,827.9 | 5,172.9 | 2,688.6 | 1,063.0 | 1,625.6 | 2,484.3 | 1,878.5 | 800.7 | 1,077.8 | 776.6 |
| 1962 | 8,068.2 | 5,321.3 | 2,757.5 | 1,093.1 | 1,664.4 | 2,563.8 | 1,943.3 | 817.4 | 1,125.9 | 803.6 |
| 1963 | 8,333.2 | 5,484.8 | 2,831.8 | 1,127.8 | 1,704.1 | 2,653.0 | 2,013.8 | 836.1 | 1,177.6 | 834.6 |
| 1964 | 8,626.8 | 5,665.9 | 2,922.0 | 1,172.5 | 1,749.5 | 2,743.9 | 2,091.7 | 858.9 | 1,232.9 | 869.2 |
| 1965 | 8,958.2 | 5,874.4 | 3,041.2 | 1,233.6 | 1,807.6 | 2,833.2 | 2,169.4 | 877.6 | 1,291.8 | 914.5 |
| 1966 | 9,304.2 | 6,089.0 | 3,177.0 | 1,308.0 | 1,869.0 | 2,912.0 | 2,249.8 | 895.0 | 1,354.7 | 965.5 |
| 1967 | 9,642.6 | 6,295.3 | 3,306.9 | 1,378.9 | 1,928.1 | 2,988.3 | 2,331.1 | 907.7 | 1,423.4 | 1,016.2 |
| 1968 | 10,016.1 | 6,523.7 | 3,444.4 | 1,455.7 | 1,988.7 | 3,079.2 | 2,410.2 | 914.5 | 1,495.7 | 1,082.3 |
| 1969 | 10,394.2 | 6,763.9 | 3,595.4 | 1,540.8 | 2,054.6 | 3,168.5 | 2,482.9 | 919.9 | 1,563.0 | 1,147.4 |
| 1970 | 10,742.6 | 6,989.0 | 3,737.8 | 1,620.0 | 2,117.8 | 3,251.2 | 2,547.5 | 921.7 | 1,625.8 | 1,206.1 |
| 1971 | 11,125.3 | 7,235.4 | 3,871.0 | 1,693.5 | 2,177.5 | 3,364.5 | 2,613.0 | 927.1 | 1,685.9 | 1,276.9 |
| 1972 | 11,547.9 | 7,515.8 | 4,015.8 | 1,779.1 | 2,236.7 | 3,500.0 | 2,673.0 | 930.1 | 1,742.9 | 1,359.1 |
| 1973 | 12,009.2 | 7,825.6 | 4,197.6 | 1,892.2 | 2,305.4 | 3,628.0 | 2,726.4 | 929.1 | 1,797.2 | 1,457.3 |
| 1974 | 12,419.1 | 8,100.5 | 4,377.9 | 2,004.6 | 2,373.3 | 3,722.6 | 2,778.7 | 925.7 | 1,853.0 | 1,539.9 |
| 1975 | 12,771.9 | 8,313.1 | 4,513.3 | 2,084.4 | 2,428.8 | 3,799.9 | 2,839.1 | 934.5 | 1,904.6 | 1,619.7 |
| 1976 | 13,157.3 | 8,549.2 | 4,649.3 | 2,166.3 | 2,483.0 | 3,899.9 | 2,894.9 | 944.0 | 1,950.9 | 1,713.2 |
| 1977 | 13,596.6 | 8,836.9 | 4,813.8 | 2,273.3 | 2,540.5 | 4,023.2 | 2,943.3 | 951.7 | 1,991.6 | 1,816.4 |
| 1978 | 14,092.7 | 9,163.7 | 5,009.4 | 2,400.4 | 2,609.0 | 4,154.3 | 3,001.0 | 965.4 | 2,035.5 | 1,928.1 |
| 1979 | 14,603.8 | 9,513.7 | 5,222.7 | 2,536.7 | 2,686.0 | 4,291.0 | 3,056.1 | 979.9 | 2,076.2 | 2,034.0 |
| 1980 | 15,042.0 | 9,813.2 | 5,420.0 | 2,651.1 | 2,768.9 | 4,393.1 | 3,117.5 | 999.1 | 2,118.5 | 2,111.3 |
| 1981 | 15,466.9 | 10,105.6 | 5,624.5 | 2,759.4 | 2,865.2 | 4,481.1 | 3,170.9 | 1,017.7 | 2,153.2 | 2,190.4 |
| 1982 | 15,834.3 | 10,334.0 | 5,785.7 | 2,834.3 | 2,951.4 | 4,548.3 | 3,230.2 | 1,045.6 | 2,184.6 | 2,270.1 |
| 1983 | 16,244.7 | 10,578.8 | 5,932.7 | 2,912.8 | 3,019.9 | 4,646.0 | 3,291.3 | 1,074.7 | 2,216.6 | 2,374.7 |
| 1984 | 16,762.1 | 10,903.8 | 6,127.5 | 3,023.7 | 3,103.9 | 4,776.2 | 3,347.8 | 1,097.5 | 2,250.3 | 2,510.5 |
| 1985 | 17,335.1 | 11,254.4 | 6,348.3 | 3,153.6 | 3,194.7 | 4,906.1 | 3,422.5 | 1,132.6 | 2,289.9 | 2,658.2 |
| 1986 | 17,922.6 | 11,603.5 | 6,545.8 | 3,284.2 | 3,261.6 | 5,057.7 | 3,501.7 | 1,168.0 | 2,333.8 | 2,817.4 |
| 1987 | 18,510.3 | 11,938.6 | 6,731.5 | 3,417.6 | 3,314.0 | 5,207.0 | 3,593.8 | 1,215.8 | 2,378.0 | 2,977.9 |
| 1988 | 19,130.9 | 12,302.3 | 6,947.9 | 3,581.3 | 3,366.7 | 5,354.4 | 3,681.0 | 1,256.5 | 2,424.5 | 3,147.6 |
| 1989 | 19,749.1 | 12,645.7 | 7,158.2 | 3,750.8 | 3,407.4 | 5,487.6 | 3,775.7 | 1,306.7 | 2,469.1 | 3,327.6 |

**Table 4.—Constant-Cost Net Stock of Fixed Reproducible Tangible Wealth, 1925–89**

[Billions of 1982 dollars]

| Yearend | Total | Fixed private capital | | | | | Government-owned fixed capital | | | Durable goods owned by consumers |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Nonresidential | | | Residential | Total | Federal | State and local | |
| | | | Total | Equipment | Structures | | | | | |
| 1925 | 2,113.7 | 1,709.0 | 931.5 | 236.0 | 695.5 | 777.5 | 280.1 | 72.6 | 207.5 | 124.6 |
| 1926 | 2,193.9 | 1,770.1 | 957.4 | 243.4 | 714.0 | 812.7 | 290.4 | 70.8 | 219.5 | 133.4 |
| 1927 | 2,265.1 | 1,822.1 | 977.8 | 246.4 | 731.4 | 844.3 | 302.7 | 69.1 | 233.5 | 140.4 |
| 1928 | 2,330.3 | 1,867.6 | 995.9 | 249.7 | 746.1 | 871.7 | 315.7 | 67.6 | 248.2 | 147.0 |
| 1929 | 2,392.2 | 1,908.4 | 1,022.4 | 257.7 | 764.7 | 886.0 | 329.0 | 66.6 | 262.4 | 154.9 |
| 1930 | 2,420.9 | 1,919.0 | 1,032.9 | 257.6 | 775.2 | 886.1 | 346.3 | 66.4 | 280.0 | 155.6 |
| 1931 | 2,414.5 | 1,897.4 | 1,014.7 | 247.3 | 767.4 | 882.7 | 364.4 | 67.2 | 297.2 | 152.7 |
| 1932 | 2,371.7 | 1,848.2 | 977.4 | 229.7 | 747.7 | 870.9 | 378.0 | 69.3 | 308.6 | 145.5 |
| 1933 | 2,318.3 | 1,794.5 | 937.0 | 212.8 | 724.1 | 857.5 | 385.2 | 73.0 | 312.2 | 138.7 |
| 1934 | 2,280.8 | 1,750.5 | 904.7 | 201.4 | 703.3 | 845.8 | 397.1 | 78.4 | 318.7 | 133.3 |
| 1935 | 2,260.3 | 1,719.5 | 880.5 | 195.9 | 684.6 | 838.9 | 409.5 | 85.6 | 323.9 | 131.3 |
| 1936 | 2,274.2 | 1,708.7 | 871.0 | 199.1 | 671.9 | 837.7 | 431.6 | 91.8 | 339.8 | 133.9 |
| 1937 | 2,295.2 | 1,709.2 | 871.5 | 206.5 | 664.9 | 837.7 | 448.0 | 97.1 | 350.8 | 138.1 |
| 1938 | 2,299.1 | 1,693.6 | 855.9 | 203.7 | 652.3 | 837.6 | 468.2 | 102.6 | 365.6 | 137.3 |
| 1939 | 2,322.9 | 1,688.3 | 843.9 | 203.8 | 640.1 | 844.3 | 493.4 | 108.9 | 384.5 | 141.2 |
| 1940 | 2,360.0 | 1,696.7 | 843.5 | 211.3 | 632.2 | 853.2 | 514.8 | 118.4 | 396.4 | 148.5 |
| 1941 | 2,449.3 | 1,717.1 | 852.9 | 224.0 | 628.9 | 864.2 | 581.6 | 179.8 | 401.8 | 150.6 |
| 1942 | 2,606.5 | 1,693.5 | 835.5 | 222.2 | 613.3 | 858.1 | 765.0 | 365.1 | 399.9 | 148.0 |
| 1943 | 2,792.4 | 1,655.3 | 810.8 | 218.2 | 592.6 | 844.5 | 993.7 | 600.7 | 392.9 | 143.4 |
| 1944 | 2,921.1 | 1,630.2 | 800.2 | 223.0 | 577.3 | 830.0 | 1,152.4 | 767.2 | 385.2 | 138.4 |
| 1945 | 2,960.7 | 1,628.8 | 811.3 | 242.3 | 569.0 | 817.5 | 1,195.6 | 817.4 | 378.2 | 136.4 |
| 1946 | 2,866.2 | 1,687.4 | 848.2 | 267.6 | 580.6 | 839.2 | 1,028.3 | 651.6 | 376.7 | 150.4 |
| 1947 | 2,848.3 | 1,768.6 | 894.9 | 306.5 | 588.4 | 873.7 | 909.9 | 526.6 | 383.3 | 169.8 |
| 1948 | 2,888.5 | 1,865.5 | 945.5 | 344.4 | 601.1 | 920.0 | 832.6 | 440.0 | 392.6 | 190.4 |
| 1949 | 2,950.0 | 1,939.7 | 981.2 | 368.1 | 613.2 | 958.5 | 797.7 | 392.7 | 404.9 | 212.6 |
| 1950 | 3,073.0 | 2,041.8 | 1,023.5 | 394.6 | 628.9 | 1,018.4 | 788.6 | 368.7 | 419.9 | 242.6 |
| 1951 | 3,202.0 | 2,133.0 | 1,069.1 | 421.8 | 647.2 | 1,063.9 | 804.9 | 369.4 | 435.4 | 264.1 |
| 1952 | 3,347.7 | 2,216.0 | 1,110.2 | 444.7 | 665.5 | 1,105.8 | 852.0 | 400.8 | 451.2 | 279.7 |
| 1953 | 3,501.9 | 2,305.5 | 1,156.2 | 468.2 | 688.0 | 1,149.3 | 897.5 | 428.8 | 468.7 | 298.8 |
| 1954 | 3,643.6 | 2,393.4 | 1,195.9 | 483.9 | 711.9 | 1,197.5 | 937.0 | 445.0 | 492.0 | 313.2 |
| 1955 | 3,806.4 | 2,501.0 | 1,243.6 | 505.2 | 738.4 | 1,257.4 | 968.4 | 450.9 | 517.6 | 336.9 |
| 1956 | 3,955.8 | 2,607.2 | 1,298.6 | 527.6 | 770.9 | 1,308.6 | 995.9 | 452.5 | 543.4 | 352.7 |
| 1957 | 4,088.8 | 2,704.0 | 1,349.7 | 548.3 | 801.4 | 1,354.3 | 1,019.9 | 448.8 | 571.1 | 364.9 |
| 1958 | 4,206.3 | 2,788.0 | 1,379.3 | 553.9 | 825.4 | 1,408.7 | 1,049.2 | 448.4 | 600.8 | 369.1 |
| 1959 | 4,348.5 | 2,886.1 | 1,417.0 | 566.4 | 850.6 | 1,469.1 | 1,082.9 | 451.9 | 631.1 | 379.4 |
| 1960 | 4,487.2 | 2,979.0 | 1,457.8 | 579.1 | 878.7 | 1,521.2 | 1,118.9 | 457.8 | 661.1 | 389.3 |
| 1961 | 4,624.2 | 3,067.5 | 1,495.3 | 588.2 | 907.1 | 1,572.2 | 1,162.6 | 468.3 | 694.3 | 394.2 |
| 1962 | 4,782.3 | 3,170.7 | 1,541.4 | 603.7 | 937.8 | 1,629.3 | 1,205.4 | 477.2 | 728.2 | 406.2 |
| 1963 | 4,962.4 | 3,285.4 | 1,590.2 | 623.1 | 967.1 | 1,695.2 | 1,253.3 | 487.5 | 765.8 | 423.8 |
| 1964 | 5,162.7 | 3,414.4 | 1,653.0 | 651.8 | 1,001.2 | 1,761.4 | 1,301.6 | 495.4 | 806.1 | 446.8 |
| 1965 | 5,397.1 | 3,566.7 | 1,741.5 | 695.0 | 1,046.5 | 1,825.2 | 1,350.8 | 501.5 | 849.3 | 479.7 |
| 1966 | 5,641.6 | 3,719.7 | 1,842.4 | 748.3 | 1,094.1 | 1,877.3 | 1,404.6 | 508.4 | 896.2 | 517.4 |
| 1967 | 5,866.0 | 3,858.0 | 1,931.7 | 794.2 | 1,137.4 | 1,926.3 | 1,456.9 | 509.1 | 947.8 | 551.1 |
| 1968 | 6,116.1 | 4,012.8 | 2,024.3 | 842.9 | 1,181.4 | 1,988.6 | 1,510.0 | 508.4 | 1,001.6 | 593.3 |
| 1969 | 6,361.8 | 4,173.7 | 2,125.3 | 896.3 | 1,229.0 | 2,048.4 | 1,555.6 | 505.7 | 1,049.9 | 632.5 |
| 1970 | 6,566.2 | 4,312.7 | 2,212.2 | 939.8 | 1,272.4 | 2,100.5 | 1,594.1 | 501.9 | 1,092.2 | 659.4 |
| 1971 | 6,791.8 | 4,468.2 | 2,286.1 | 975.7 | 1,310.4 | 2,182.1 | 1,629.5 | 498.5 | 1,131.0 | 694.1 |
| 1972 | 7,061.3 | 4,655.0 | 2,370.2 | 1,022.1 | 1,348.1 | 2,284.8 | 1,666.4 | 500.4 | 1,165.9 | 740.0 |
| 1973 | 7,357.5 | 4,863.9 | 2,486.0 | 1,093.0 | 1,393.0 | 2,377.9 | 1,697.0 | 499.6 | 1,197.4 | 796.6 |
| 1974 | 7,585.9 | 5,029.2 | 2,593.3 | 1,158.7 | 1,434.6 | 2,435.9 | 1,725.7 | 496.3 | 1,229.4 | 831.0 |
| 1975 | 7,743.3 | 5,130.3 | 2,654.6 | 1,192.7 | 1,461.9 | 2,475.6 | 1,753.1 | 496.8 | 1,256.3 | 860.0 |
| 1976 | 7,933.2 | 5,251.4 | 2,714.1 | 1,228.6 | 1,485.5 | 2,537.4 | 1,777.1 | 499.0 | 1,278.1 | 904.6 |
| 1977 | 8,176.9 | 5,421.1 | 2,799.1 | 1,287.7 | 1,511.3 | 2,622.0 | 1,795.8 | 502.3 | 1,293.5 | 960.0 |
| 1978 | 8,466.8 | 5,622.0 | 2,909.3 | 1,364.0 | 1,545.3 | 2,712.7 | 1,825.5 | 513.3 | 1,312.2 | 1,019.3 |
| 1979 | 8,761.6 | 5,841.2 | 3,033.3 | 1,446.8 | 1,586.4 | 2,808.0 | 1,851.5 | 523.6 | 1,328.0 | 1,068.8 |
| 1980 | 8,972.4 | 6,005.2 | 3,137.7 | 1,505.5 | 1,632.2 | 2,867.4 | 1,877.5 | 533.9 | 1,343.7 | 1,089.7 |
| 1981 | 9,165.3 | 6,156.5 | 3,243.8 | 1,557.1 | 1,686.6 | 2,912.7 | 1,897.9 | 544.5 | 1,353.4 | 1,110.9 |
| 1982 | 9,298.6 | 6,244.1 | 3,307.1 | 1,577.1 | 1,730.1 | 2,937.0 | 1,925.2 | 565.2 | 1,360.0 | 1,129.3 |
| 1983 | 9,468.8 | 6,349.1 | 3,357.1 | 1,602.7 | 1,754.4 | 2,992.0 | 1,949.4 | 583.3 | 1,366.2 | 1,170.3 |
| 1984 | 9,750.4 | 6,534.6 | 3,456.2 | 1,662.6 | 1,793.6 | 3,078.4 | 1,974.2 | 598.5 | 1,375.7 | 1,241.7 |
| 1985 | 10,079.3 | 6,741.0 | 3,576.5 | 1,737.5 | 1,839.0 | 3,164.4 | 2,011.7 | 622.8 | 1,388.9 | 1,326.6 |
| 1986 | 10,418.0 | 6,941.3 | 3,671.3 | 1,809.1 | 1,862.3 | 3,270.0 | 2,053.3 | 646.3 | 1,407.0 | 1,423.4 |
| 1987 | 10,741.3 | 7,124.6 | 3,752.4 | 1,879.9 | 1,872.5 | 3,372.2 | 2,105.8 | 679.9 | 1,426.0 | 1,510.9 |
| 1988 | 11,084.4 | 7,331.5 | 3,860.9 | 1,974.2 | 1,886.6 | 3,470.7 | 2,147.5 | 701.9 | 1,445.6 | 1,605.4 |
| 1989 | 11,411.3 | 7,514.8 | 3,959.8 | 2,067.2 | 1,892.7 | 3,555.0 | 2,197.7 | 732.9 | 1,464.8 | 1,698.8 |

# BUSINESS CYCLE INDICATORS

### Annual Revision of Composite Indexes

The composite indexes of leading, coincident, and lagging indicators (series 910, 920, and 930) have been revised from January 1985 through August 1990. These revisions incorporate revised data for component series but do not involve changes in the components of the indexes or in the standardization or trend factors. The ratio of the coincident to lagging composite indexes (series 940) and the diffusion indexes based on the leading, coincident, and lagging indicator components (series 950, 951, and 952) have been revised for the same period. Historical data for these indexes and their components are shown on pages C-25 through C-44.


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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 Statistical 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 Statistical Indicators Branch.

| Series no. | Series title and timing classification | Year | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| | **1. CYCLICAL INDICATORS** | | | | | | | | | | | | | | | |
| | 1.1 Composite Indexes | | | | | | | | | | | | | | | |
| | **The Leading Index** | | | | | | | | | | | | | | | |
| 910 ♦ | Composite index of leading indicators, 1982=100 (L,L,L) § | 144.9 | r144.9 | r144.9 | 144.4 | 144.6 | 145.3 | r145.4 | r144.1 | r145.4 | r145.2 | r146.0 | r146.1 | r144.4 | p143.3 | |
| ♦ | Percent change over 1-month span, AR § | .4 | r6.9 | r0 | r−4.1 | 1.7 | 6.0 | r.8 | r−10.2 | 11.4 | r−1.6 | r6.8 | r.8 | 0 | r−13.1 | p−8.8 |
| ♦ | Percent change over 3-month span, AR § | .1 | r2.0 | .8 | r−.8 | r1.1 | r2.8 | r−1.4 | r.3 | −.5 | 5.4 | r1.9 | 2.5 | −4.3 | p−7.4 | |
| | Contributions of leading index components: | | | | | | | | | | | | | | | |
| (1) | Average weekly hours, mfg. (L,L,L) § | −.02 | 0 | r−.07 | r−.07 | −.07 | −.08 | .08 | r.07 | 0 | −.07 | .15 | .07 | −.07 | .07 | p0 |
| (5) | Average weekly initial claims for unemployment insurance (inverted) (L,C,L) ‡ | −.04 | .19 | −.03 | −.30 | .11 | −.09 | −.07 | .08 | .06 | −.08 | .08 | −.04 | −.01 | −.12 | −.17 |
| (8) | New orders in 1982$, consumer goods and materials (L,L,L) § | −.38 | .48 | −.16 | −.01 | .07 | −.16 | −.22 | .26 | .16 | −.06 | r.17 | r−.13 | −.02 | .13 | p−.20 |
| (32) | Vendor performance, slower deliveries diffusion index (L,L,L) § | −.04 | −.07 | −.03 | −.04 | 0 | −.02 | .20 | −.17 | .11 | .08 | .04 | .11 | −.17 | .16 | −.07 |
| (20) | Contracts and orders for plant and equipment in 1982$ (L,L,L) § | .25 | r−.13 | r.01 | r−.08 | .11 | .23 | −.24 | −.13 | .25 | −.20 | −.01 | −.04 | .21 | r−.28 | p.28 |
| (29) | Building permits, new private housing units (L,L,L) § | −.01 | r.11 | r−.05 | r.11 | .01 | .11 | .59 | −.83 | −.15 | −.30 | −.12 | .12 | −.07 | −.09 | −.16 |
| (92) | Change in unfilled orders in 1982$, durable goods, smoothed (L,L,L) † § | −.01 | −.22 | −.15 | −.09 | .07 | .32 | .14 | −.10 | −.03 | −.07 | −.10 | −.25 | r−.10 | r−.17 | p−.09 |
| (99) | Change in sensitive materials prices, smoothed (L,L,L) † § | −.10 | −.19 | −.03 | .02 | −.15 | −.25 | −.09 | −.08 | .23 | .37 | r.25 | r.14 | .12 | .06 | −.02 |
| (19) | Stock prices, 500 common stocks, NSA (L,L,L) | .11 | .24 | .01 | 0 | −.12 | .13 | −.14 | −.16 | .13 | 0 | .19 | .16 | −.01 | −.47 | −.26 |
| (106) | Money supply M2 in 1982$ (L,L,L) § | .01 | .21 | .10 | .04 | .07 | .08 | r−.25 | .08 | .01 | r.01 | −.11 | r−.09 | −.07 | r−.09 | p−.08 |
| (83) | Index of consumer expectations, NSA (L,L,L) | 0 | −.19 | .31 | −.05 | −.11 | .04 | −.08 | −.08 | 0 | .10 | −.17 | −.10 | .03 | −.53 | −.15 |
| 950 | Diffusion index of 11 leading indicator components: | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span § | 43.2 | 50.0 | r36.4 | 36.4 | 63.6 | 54.5 | 36.4 | r36.4 | 72.7 | 36.4 | 54.5 | 45.5 | 27.3 | 36.4 | p13.6 |
| ♦ | Percent rising over 6-month span § | 37.5 | 54.5 | 45.5 | 45.5 | 27.3 | 45.5 | r54.5 | 54.5 | 54.5 | 63.6 | 45.5 | p27.3 | | | |
| | **The Coincident Index** | | | | | | | | | | | | | | | |
| 920 ♦ | Composite index of coincident indicators, 1982=100 (C,C,C) § | 133.5 | r134.0 | r133.7 | r133.1 | r133.4 | r133.8 | r132.7 | r133.8 | r134.2 | r133.7 | r134.4 | r134.9 | r134.6 | r134.4 | [1]133.9 |
| ♦ | Percent change over 1-month span, AR § | 1.1 | r9.4 | r−2.7 | r−5.3 | r2.7 | 3.7 | −9.4 | r10.4 | 3.6 | −4.4 | 6.5 | r4.6 | −2.6 | r−1.8 | [1]−4.4 |
| ♦ | Percent change over 3-month span, AR § | .6 | r.9 | r.3 | r−1.8 | r.3 | r−1.2 | r1.2 | r1.2 | r3.0 | 1.8 | 2.1 | 2.7 | r0 | [1]−2.9 | |
| | Contributions of coincident index components: | | | | | | | | | | | | | | | |
| (41) | Employees on nonagricultural payrolls (C,C,C) § | .14 | r.10 | r.17 | r.08 | r.19 | r.10 | r.19 | r.22 | .12 | .04 | .31 | .15 | −.06 | r−.06 | p−.10 |
| (51) | Personal income less transfer payments in 1982$ (C,C,C) § | .05 | r−.03 | r−.02 | r.01 | r.03 | r.15 | r−.19 | r.11 | r.09 | .05 | .01 | .06 | r.13 | r−.26 | p−.18 |
| (47) | Industrial production (C,C,C) § | .05 | r.19 | r0 | r−.24 | r.19 | r.24 | r−.53 | r.48 | r.19 | −.03 | .15 | r.18 | r.05 | r.03 | p.10 |
| (57) | Manufacturing and trade sales in 1982$ (C,C,C) § | .11 | r.77 | r−.21 | r−.21 | r.09 | r−.05 | r−.22 | .33 | .15 | −.24 | .23 | .15 | r−.16 | p.31 | |
| 951 | Diffusion index of 4 coincident indicator components: | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span § | 65.6 | r75.0 | r37.5 | 50.0 | 100.0 | r75.0 | 25.0 | 100.0 | 100.0 | 50.0 | 100.0 | 100.0 | r50.0 | r50.0 | [1]33.3 |
| ♦ | Percent rising over 6-month span § | 79.2 | 75.0 | 100.0 | 50.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | [1]66.7 | | | |
| | **The Lagging Index** | | | | | | | | | | | | | | | |
| 930 ♦ | Composite index of lagging indicators, 1982=100 (Lg,Lg,Lg) § | 119.0 | r119.8 | r119.6 | r120.0 | r119.7 | r119.7 | r119.0 | r118.6 | r119.0 | r119.4 | r119.1 | r118.7 | r119.3 | r118.7 | [2]118.5 |
| ♦ | Percent change over 1-month span, AR § | 3.2 | r2.0 | −2.0 | 4.1 | r−3.0 | r0 | r−6.8 | r−4.0 | 4.1 | r4.1 | r−3.0 | r−4.0 | r6.2 | r−5.9 | [2]−2.0 |
| ♦ | Percent change over 3-month span, AR § | 2.7 | r.3 | r1.3 | r−.3 | r.3 | r−3.3 | r−3.6 | −2.3 | 1.4 | 1.7 | r−1.0 | r−.3 | r−1.3 | [2]−.7 | |
| | Contributions of lagging index components: | | | | | | | | | | | | | | | |
| (91) | Average duration of unemployment (inverted) (Lg,Lg,Lg) ‡ § | −.05 | r−.26 | r.05 | r.10 | r−.05 | r−.05 | r.31 | r−.20 | r.15 | −.05 | .25 | −.20 | 0 | r−.15 | p−.14 |
| (77) | Ratio, mfg. and trade inventories to sales in 1982$ (Lg,Lg,Lg) § | .02 | −.52 | .13 | .26 | r0 | r0 | .13 | −.39 | −.13 | .26 | −.13 | −.13 | .13 | p−.26 | |
| (62) | Change in labor cost per unit of output, mfg., smoothed (Lg,Lg,Lg) † § | −.01 | .03 | r−.05 | r.22 | r−.28 | r−.07 | −.02 | −.17 | .05 | .05 | .07 | r.03 | r−.03 | r−.08 | p−.16 |
| (109) | Average prime rate, NSA (Lg,Lg,Lg) | 0 | −.28 | 0 | 0 | 0 | 0 | −.23 | −.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (101) | Commercial and industrial loans in 1982$ (Lg,Lg,Lg) § | .13 | r.51 | r−.11 | −.06 | .02 | −.06 | −.17 | .33 | .53 | .04 | r−.27 | r.10 | .07 | r−.29 | p.02 |
| (95) | Ratio, consumer installment credit to personal income (Lg,Lg,Lg) § | .03 | r.22 | r.03 | r−.03 | r−.06 | r−.09 | −.31 | −.31 | −.19 | −.06 | .06 | −.22 | r.09 | p.03 | |
| (120) | Change in CPI for services, smoothed (Lg,Lg,Lg) † § | 0 | −.05 | −.14 | −.05 | .05 | .14 | .24 | .10 | .19 | 0 | −.19 | .05 | .14 | r.24 | p.07 |
| 952 | Diffusion index of 7 lagging indicator components: | | | | | | | | | | | | | | | |
| ♦ | Percent rising over 1-month span § | 54.2 | 57.1 | r35.7 | 35.7 | r57.1 | r42.9 | 28.6 | 42.9 | 50.0 | 57.1 | 50.0 | 50.0 | r71.4 | r35.7 | [2]50.0 |
| ♦ | Percent rising over 6-month span § | 56.6 | r64.3 | 42.9 | r35.7 | r28.6 | 28.6 | 28.6 | 35.7 | 42.9 | r50.0 | r50.0 | [2]30.0 | | | |
| 940 ♦ | Ratio, coincident index to lagging index, 1982=100 (L,L,L) § | 112.1 | r111.9 | r111.8 | r110.9 | r111.4 | 111.8 | r111.5 | r112.8 | 112.8 | r112.0 | r112.8 | 113.6 | r112.8 | r113.2 | p113.0 |

See footnotes on page C-6.

| Series no. | Series title and timing classification | Year 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1. CYCLICAL INDICATORS — Continued** | | | | | | | | | | | | | | | |
| | **1.2 Employment and Unemployment** | | | | | | | | | | | | | | | |
| | Marginal employment adjustments: | | | | | | | | | | | | | | | |
| 1 ♦ | Average weekly hours, mfg. (L,L,L) | 41.0 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.7 | 40.8 | 40.8 | 40.7 | 40.9 | 41.0 | 40.9 | 41.0 | p 41.0 |
| 21 ♦ | Average weekly overtime hours, mfg. (L,C,L) | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.7 | 3.5 | 3.8 | 3.8 | r 3.7 | r 3.8 | p 3.7 |
| 5 ♦ | Average weekly initial claims for unemployment insurance, thous. (L,C,L) [1] ‡ | 324 | 316 | 320 | 357 | 343 | 354 | 363 | 353 | 346 | 356 | 346 | 351 | 352 | 368 | 391 |
| | Job vacancies: | | | | | | | | | | | | | | | |
| 46 ♦ | Index of help-wanted advertising, 1967=100 (L,Lg,U) | 151 | 147 | 146 | 151 | 145 | 149 | 146 | 140 | 139 | 137 | 134 | 132 | 132 | 127 | p 122 |
| 60 | Ratio, help-wanted advertising to unemployment (L,Lg,U) | .687 | .671 | .658 | .684 | .648 | .666 | .665 | .632 | .637 | .602 | .599 | .609 | .576 | .540 | p .513 |
| | Employment: | | | | | | | | | | | | | | | |
| 48 ♦ | Employee hours in nonagricultural establishments, bil. hours, AR (U,C,C) | 201.93 | 201.95 | 202.64 | 203.19 | 204.86 | 202.96 | 203.74 | 204.62 | 205.05 | 203.48 | 205.15 | **206.12** | r 205.55 | r 204.86 | p 205.74 |
| 42 | Persons engaged in nonagricultural activities, thous. (U,C,C) | 114,142 | 114,275 | 114,200 | 114,388 | 114,676 | 114,691 | 114,728 | 114,957 | **115,133** | 114,983 | 115,045 | 115,041 | 114,867 | 114,521 | 114,717 |
| 41 ♦ | Employees on nonagricultural payrolls, thous. (C,C,C) | 108,413 | 108,628 | 108,868 | 108,980 | 109,245 | 109,383 | 109,654 | 109,958 | 110,122 | 110,177 | 110,617 | **110,829** | 110,740 | r 110,657 | p 110,556 |
| 963 | Diffusion index of employees on private nonagricultural payrolls, 349 industries: | | | | | | | | | | | | | | | |
| | Percent rising over 1-month span | 57.2 | 57.7 | 50.0 | 55.2 | 59.6 | 56.6 | 55.6 | 58.6 | 53.7 | 49.9 | 55.8 | 49.9 | r 50.8 | r 47.3 | p 44.0 |
| | Percent rising over 6-month span | 60.4 | 58.1 | 56.2 | 58.3 | 57.4 | 58.4 | 57.3 | 56.5 | 55.5 | r 55.9 | r 52.0 | p 48.6 | | | |
| 40 ♦ | Employees in goods-producing industries, thous. (L,C,U) | 25,326 | 25,356 | 25,304 | 25,283 | 25,280 | 25,218 | 25,188 | 25,339 | 25,259 | 25,180 | 25,191 | 25,162 | r 25,105 | r 25,013 | p 24,929 |
| 90 ♦ | Ratio, civilian employment to population of working age, percent (U,Lg,U). | 63.0 | 63.0 | 62.9 | 62.9 | 63.0 | 63.0 | 62.9 | 63.0 | **63.1** | 62.9 | 63.0 | 63.0 | 62.7 | 62.5 | 62.6 |
| | Unemployment: | | | | | | | | | | | | | | | |
| 37 | Number of persons unemployed, thous. (L,Lg,U) ‡ | 6,528 | 6,520 | 6,604 | 6,563 | 6,652 | 6,658 | 6,535 | 6,594 | 6,495 | 6,770 | 6,653 | 6,447 | 6,814 | 7,003 | 7,069 |
| 43 ♦ | Civilian unemployment rate, percent (L,Lg,U) ‡ | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 | 5.4 | 5.3 | 5.2 | 5.5 | 5.6 | 5.7 |
| 45 | Avg. weekly insured unemploy. rate, percent (L,Lg,U) [1] ‡ | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 |
| 91 ♦ | Average duration of unemploy. in weeks (Lg,Lg,Lg) ‡ | 11.9 | 11.4 | 11.5 | 11.7 | 11.6 | 11.5 | 12.1 | 11.7 | 12.0 | 12.1 | 11.6 | 12.0 | 12.0 | 12.3 | 12.5 |
| 44 | Unemployment rate, 15 weeks and over, percent (Lg,Lg,Lg) ‡. | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 |
| | **1.3 Production and Income** | | | | | | | | | | | | | | | |
| | Output and income: | | | | | | | | | | | | | | | |
| 50 ♦ | Gross national product, bil. 1982$, AR (C,C,C) | 4,117.7 | 4,129.7 | | | 4,133.2 | | | 4,150.6 | | | 4,155.1 | | | p **4,173.6** | |
| | Percent change from previous quarter, AR | 2.5 | 1.7 | | | .3 | | | 1.7 | | | .4 | | | p 1.8 | |
| 49 | Value of goods output, bil. 1982$, AR (C,C,C) | 1,829.5 | 1,836.5 | | | 1,823.1 | | | 1,825.4 | | | 1,831.3 | | | p 1,835.6 | |
| 52 | Personal income, bil. 1982$, AR (C,C,C) | 3,376.5 | 3,381.0 | 3,380.5 | 3,382.3 | 3,388.9 | 3,404.0 | 3,394.9 | 3,404.2 | 3,413.6 | 3,415.8 | 3,415.7 | 3,422.3 | r **3,428.8** | r 3,413.4 | p 3,405.9 |
| 51 ♦ | Personal income less transfer payments, bil. 1982$, AR (C,C,C). | 2,886.1 | 2,887.5 | 2,885.4 | 2,886.7 | 2,889.8 | 2,905.5 | 2,885.7 | 2,897.0 | 2,905.9 | 2,908.8 | 2,909.2 | 2,912.5 | r **2,919.9** | r 2,905.5 | p 2,897.9 |
| 53 ♦ | Wages and salaries in mining, mfg., and construction, bil. 1982$, AR (C,C,C). | 554.2 | 554.3 | 552.4 | 551.3 | 544.8 | 544.1 | 536.4 | 539.5 | 539.8 | 535.6 | 540.0 | 539.8 | r 537.5 | r 532.3 | p 529.3 |
| | Industrial production indexes, 1987=100: | | | | | | | | | | | | | | | |
| 47 ♦ | Total (C,C,C) | 108.1 | 108.2 | 108.2 | 107.7 | 108.1 | 108.6 | 107.5 | 108.5 | 108.9 | 108.8 | 109.4 | r 110.1 | r 110.3 | r 110.4 | p **110.7** |
| 73 ♦ | Durable manufactures (C,C,C) | 110.9 | 111.3 | 111.5 | 109.4 | 110.1 | 110.4 | 108.6 | 110.7 | 111.9 | 111.1 | 112.6 | r 113.4 | r 113.2 | r 113.6 | p **113.8** |
| 74 ♦ | Nondurable manufactures (C,L,L) | 106.4 | 106.2 | 106.0 | 107.2 | 107.3 | 106.7 | 107.5 | 108.3 | 107.2 | 107.5 | 107.4 | 107.6 | 108.1 | 108.1 | p **108.3** |
| | Capacity utilization rates (percent): | | | | | | | | | | | | | | | |
| 124 | Total industry (L,C,U) | 84.2 | 84.0 | 83.9 | 83.3 | 83.5 | 83.7 | 82.7 | 83.2 | 83.4 | 83.1 | 83.4 | r 83.7 | r 83.7 | r 83.6 | p 83.6 |
| 82 ♦ | Manufacturing (L,C,U) | 83.9 | 83.8 | 83.6 | 82.9 | 83.0 | 82.8 | 82.0 | 83.0 | 82.9 | 82.5 | 82.8 | r 83.0 | r 82.9 | r 82.8 | p 82.8 |
| | **1.4 Consumption, Trade, Orders, and Deliveries** | | | | | | | | | | | | | | | |
| | Orders and deliveries: | | | | | | | | | | | | | | | |
| 7 ♦ | Mfrs.' new orders, durable goods, bil. 1982$ (L,L,L) | 1,281.39 | 106.89 | 105.06 | 104.07 | 109.02 | 110.41 | 98.75 | 101.07 | 107.48 | 102.92 | r 107.01 | 103.48 | r 106.21 | r 104.94 | p 102.97 |
| 8 ♦ | Mfrs.' new orders, consumer goods and materials, bil. 1982$ (L,L,L). | 1,054.18 | 90.45 | 87.84 | 87.60 | 88.78 | 86.12 | 82.68 | 86.71 | 89.32 | 88.33 | r 91.25 | 89.03 | r 88.68 | r 90.79 | p 87.46 |
| | Mfrs.' unfilled orders, durable goods, mil. 1982$ ◊ | 413,899 | 400,552 | 401,595 | 402,621 | 406,439 | 413,899 | 414,899 | 413,199 | 416,022 | 416,994 | **417,463** | 414,610 | r 416,418 | r 414,366 | p 414,588 |
| | Change from previous month, bil. 1982$ | 2.15 | −2.70 | 1.04 | 1.03 | 3.82 | 7.46 | 1.00 | −1.70 | 2.82 | .97 | .47 | −2.85 | r 1.81 | r −2.05 | p .22 |
| 92 ♦ | Change from previous month, bil. 1982$, smoothed (L,L,L) † | 2.01 | 1.56 | 1.10 | .82 | 1.05 | 2.06 | 2.50 | 2.20 | 2.10 | 1.89 | 1.58 | .80 | r .48 | r −.05 | p −.32 |
| 32 ♦ | Vendor performance, slower deliveries diffusion index, percent (L,L,L). | 47.6 | 44.6 | 43.8 | 42.9 | 43.0 | 42.5 | 47.2 | 43.3 | 45.8 | 47.6 | 48.6 | 51.2 | 47.3 | 51.1 | 49.4 |
| | Consumption and trade: | | | | | | | | | | | | | | | |
| 57 ♦ | Manufacturing and trade sales, mil. 1982$ (C,C,C) | 5,715,152 | r 484,980 | r 480,843 | 476,868 | 478,552 | 477,581 | 473,358 | 479,562 | 482,472 | 477,900 | 482,397 | 485,392 | r 482,361 | p **488,392** | |
| 75 ♦ | Index of industrial production, consumer goods, 1987=100 (C,L,C). | 106.7 | 105.6 | 106.3 | 107.3 | 107.4 | 108.3 | 106.0 | 107.0 | 107.5 | 107.2 | 107.4 | r 107.8 | r 107.3 | r 107.8 | p **109.1** |
| 59 ♦ | Sales of retail stores, mil. 1982$ (U,L,U) | 1,466,669 | r **124,138** | r 124,095 | 122,156 | 122,563 | 122,114 | 123,661 | 123,276 | 122,379 | 121,317 | 121,132 | 122,085 | r 122,613 | r 121,267 | p 121,480 |
| | Indexes of consumer attitudes: | | | | | | | | | | | | | | | |
| 58 | Consumer sentiment, U. of Michigan, 1966:I=100, NSA (L,L,L) © [2]. | 92.8 | 89.6 | 95.8 | 93.9 | 90.9 | 90.5 | 93.0 | 89.5 | 91.3 | 93.9 | 90.6 | 88.3 | 88.2 | 76.4 | 72.8 |
| 83 ♦ | Consumer expectations, U. of Michigan, 1966:I=100, NSA (L,L,L) © [2]. | 85.3 | 80.3 | 88.6 | 87.2 | 84.3 | 85.5 | 83.4 | 81.3 | 81.3 | 83.9 | 79.3 | 76.6 | 77.3 | 62.9 | 58.8 |
| 122 | Consumer confidence, The Conference Board, 1985=100 (L,L,L). | 116.8 | 115.4 | 116.3 | 117.0 | 115.1 | 113.0 | 106.5 | 106.7 | 110.6 | 107.3 | 107.3 | 102.4 | 101.7 | r 84.7 | p 84.7 |
| 123 ♦ | Consumer expectations, The Conference Board, 1985=100 (L,L,L). | 104.8 | 103.7 | 106.1 | 106.4 | 103.7 | 104.4 | 97.0 | 93.7 | 101.9 | 99.2 | 100.3 | 96.6 | 91.8 | r 74.2 | p 77.0 |
| | **1.5 Fixed Capital Investment** | | | | | | | | | | | | | | | |
| | Formation of business enterprises: | | | | | | | | | | | | | | | |
| 12 ♦ | Index of net business formation, 1967=100 (L,L,L) | 124.7 | 123.2 | 122.7 | 123.0 | 123.4 | 124.3 | 126.9 | 126.2 | 124.1 | 122.6 | 121.7 | 121.8 | r 119.7 | r 118.3 | p 116.1 |
| 13 ♦ | Number of new business incorporations (L,L,L) | 679,815 | 55,916 | 55,390 | 54,651 | 55,180 | 57,040 | 59,397 | 56,821 | 56,271 | 55,000 | 53,316 | 54,097 | p 51,440 | | |
| | Business investment commitments: | | | | | | | | | | | | | | | |
| 10 | Contracts and orders for plant and equipment, bil.$ (L,L,L). | 527.60 | 42.34 | r 41.61 | 40.84 | 43.30 | **48.85** | 43.04 | 40.10 | 44.98 | 40.66 | 40.44 | 39.98 | r 43.37 | r 39.40 | p 42.24 |
| 20 ♦ | Contracts and orders for plant and equipment, bil. 1982$ (L,L,L). | 592.58 | 48.58 | r 48.69 | 47.13 | 49.27 | **54.16** | 48.99 | 46.45 | 51.51 | r 47.33 | r 47.12 | r 46.39 | r 50.66 | r 45.00 | p 50.71 |
| 27 ♦ | Mfrs.' new orders, nondefense capital goods, bil. 1982$ (L,L,L). | 542.14 | 44.37 | 43.62 | 43.19 | 45.71 | **50.55** | 45.20 | 43.24 | 48.24 | 44.05 | 43.52 | 43.37 | r 47.85 | r 42.19 | p 47.63 |
| 9 ♦ | Construction contracts awarded for commercial and industrial buildings, mil. sq. ft. (L,C,U) © [3]. | 881.70 | 67.05 | 83.97 | 74.33 | 67.63 | 67.06 | 73.56 | 66.49 | 69.01 | 62.12 | 66.84 | 57.71 | 51.54 | 53.12 | 61.63 |
| 11 | Newly approved capital appropriations, mfg., bil.$ (U,Lg,U). | 165.36 | 37.11 | | | 39.83 | | | 33.06 | | | p 31.83 | | | | |
| 97 | Backlog of capital appropriations, mfg., bil.$ (C,Lg,Lg) ◊ | 112.94 | | 117.14 | | | 112.94 | | | 109.02 | | | p 108.48 | | | |

See footnotes on page C-6.

| Series no. | Series title and timing classification | Year 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1. CYCLICAL INDICATORS — Continued** | | | | | | | | | | | | | | | |
| | 1.5 Fixed Capital Investment — Continued | | | | | | | | | | | | | | | |
| | Business investment expenditures: | | | | | | | | | | | | | | | |
| 61 | New plant and equipment expenditures by business, bil.$, AR (C,Lg,Lg). | 507.40 | 514.95 | | | 519.58 | | | 532.45 | | | 535.49 | | | r 532.47 | |
| 100 ♦ | New plant and equipment expenditures by business, bil. 1982$, AR (C,Lg,Lg). | 501.58 | 510.36 | | | 515.96 | | | 524.07 | | | 528.10 | | | r 524.60 | |
| 69 ♦ | Mfrs.' machinery and equipment sales and business construction expenditures, bil.$, AR (C,Lg,Lg). | 492.00 | 513.01 | 508.02 | 490.58 | 488.22 | 495.48 | 499.30 | 521.73 | 512.14 | r 500.36 | r 499.11 | r 516.46 | r 501.98 | p 517.10 | |
| 76 ♦ | Index of industrial production, business equipment, 1987=100 (C,Lg,U). | 119.1 | 120.4 | 120.7 | 116.0 | 118.7 | 119.9 | 118.0 | 120.1 | 122.2 | 121.6 | 123.5 | r 124.4 | r 124.6 | r 124.8 | p 125.6 |
| | Gross private nonres. fixed investment, bil. 1982$, AR: | | | | | | | | | | | | | | | |
| 86 ♦ | Total (C,Lg,C) | 506.1 | 513.3 | | | 508.4 | | | 514.6 | | | 508.4 | | | p 517.6 | |
| 87 ♦ | Structures (Lg,Lg,Lg) | 122.4 | 122.7 | | | 123.1 | | | 123.8 | | | 120.9 | | | p 122.4 | |
| 88 ♦ | Producers' durable equipment (C,Lg,C) | 383.7 | 390.6 | | | 385.4 | | | 390.8 | | | 387.5 | | | p 395.2 | |
| | Residential construction and investment: | | | | | | | | | | | | | | | |
| 28 ♦ | New private housing units started, thous., AR (L,L,L) | 1,376 | 1,325 | 1,263 | 1,423 | 1,347 | 1,273 | 1,568 | 1,488 | 1,307 | 1,216 | 1,206 | 1,189 | r 1,153 | r 1,142 | p 1,135 |
| 29 ♦ | Index of new private housing units authorized by local building permits, 1967=100 (L,L,L). | 107.6 | 106.4 | 104.5 | 108.6 | 108.8 | 112.9 | 138.7 | 103.4 | 98.2 | 88.4 | 84.9 | 88.4 | 86.3 | 83.7 | 79.1 |
| 89 ♦ | Gross private residential fixed investment, bil. 1982$, AR (L,L,L). | 187.0 | 184.4 | | | 181.8 | | | 188.3 | | | 182.8 | | | p 175.3 | |
| | 1.6 Inventories and Inventory Investment | | | | | | | | | | | | | | | |
| | Inventory investment: | | | | | | | | | | | | | | | |
| 30 ♦ | Change in business inventories, bil. 1982$, AR (L,L,L) | 23.8 | 24.6 | | | 18.9 | | | −2.2 | | | 9.5 | | | p 7.8 | |
| 31 ♦ | Change in mfg. and trade inventories, bil.$, AR (L,L,L) | 41.1 | r 32.9 | r 9.1 | 31.7 | 40.2 | −32.3 | 21.4 | −38.2 | −4.2 | 28.6 | 52.2 | −47.2 | r 68.2 | p 52.0 | |
| | Inventories on hand: | | | | | | | | | | | | | | | |
| 70 | Mfg. and trade inventories, bil. 1982$ (Lg,Lg,Lg) ◊ | 701.56 | 699.80 | 698.03 | 702.17 | 705.14 | 701.56 | 699.50 | 695.19 | 695.32 | 697.26 | 700.03 | 696.87 | r 700.43 | p 699.61 | |
| 77 ♦ | Ratio, mfg. and trade inventories to sales in 1982$ (Lg,Lg,Lg). | 1.46 | 1.44 | 1.45 | 1.47 | 1.47 | 1.47 | 1.48 | 1.45 | 1.44 | 1.46 | 1.45 | 1.44 | 1.45 | p 1.43 | |
| | 1.7 Prices, Costs, and Profits | | | | | | | | | | | | | | | |
| | Sensitive commodity prices: | | | | | | | | | | | | | | | |
| | Index of sensitive materials prices, 1982=100 | 131.88 | 130.85 | 131.19 | 131.02 | 128.54 | 125.87 | 125.32 | 123.70 | 125.36 | 126.91 | r 126.73 | 126.58 | 126.98 | 127.10 | 126.84 |
| | Percent change from previous month | −.33 | −.49 | .26 | −.13 | −1.89 | −2.08 | −.44 | −1.29 | 1.34 | 1.24 | r −.14 | r −.12 | .32 | .09 | −.20 |
| 99 ♦ | Percent change from previous month, smoothed (L,L,L) † | .09 | −.43 | −.47 | −.45 | −.63 | −.93 | −1.04 | −1.14 | −.86 | −.42 | r −.12 | .05 | .19 | .26 | .24 |
| 98 | Index of producer prices for sensitive crude and intermediate materials, 1982=100 (L,L,L). | 140.86 | 140.59 | 140.86 | 141.94 | 140.07 | 138.31 | 137.43 | 136.79 | 138.05 | 141.61 | r 143.16 | 141.23 | 141.95 | 143.02 | 142.66 |
| | Cattle hides | 213.3 | 219.0 | 222.9 | 222.7 | 225.6 | 229.6 | 206.2 | 233.0 | 217.2 | 220.7 | r 224.8 | 223.1 | 224.0 | 221.3 | 215.3 |
| | Lumber and wood products | 126.7 | 129.0 | 129.1 | 131.2 | 130.3 | 129.7 | 129.8 | 129.7 | 130.0 | 131.6 | 131.5 | 130.3 | 130.6 | 130.1 | 129.6 |
| | Wastepaper, news | 124.2 | 108.9 | 107.5 | 108.7 | 110.6 | 108.5 | 109.4 | 105.7 | 105.0 | 106.4 | r 109.1 | 107.9 | 107.7 | 102.8 | 99.6 |
| | Wastepaper, mixed, NSA | 115.3 | 101.2 | 100.6 | 100.4 | 100.4 | 101.5 | 100.8 | 81.0 | 80.6 | 91.9 | r 92.0 | 89.8 | 89.8 | 87.3 | 78.4 |
| | Wastepaper, corrugated | 181.3 | 164.6 | 162.1 | 165.3 | 171.6 | 177.8 | 173.2 | 176.1 | 170.0 | 167.3 | r 167.6 | 161.3 | 153.5 | 149.7 | 145.3 |
| | Iron and steel scrap | 173.7 | 167.2 | 164.7 | 159.2 | 153.9 | 152.6 | 154.0 | 150.9 | 156.1 | 166.2 | r 177.0 | 171.6 | 169.7 | 176.4 | 174.6 |
| | Copper base scrap | 179.9 | 183.0 | 187.3 | 196.5 | 175.9 | 157.2 | 160.3 | 157.6 | 169.8 | 184.5 | r 188.7 | 177.8 | 189.4 | 200.6 | 200.5 |
| | Aluminum base scrap | 204.3 | 186.4 | 188.4 | 186.5 | 188.2 | 183.3 | 177.5 | 159.1 | 157.8 | 168.2 | r 166.4 | 166.6 | 168.8 | 175.7 | 184.3 |
| | Other nonferrous scrap, n.e.c., NSA | 165.2 | 158.3 | 161.9 | 164.2 | 155.3 | 146.5 | 146.0 | 138.8 | 156.0 | 164.2 | r 163.7 | 158.4 | 161.2 | 168.2 | 172.6 |
| | Sand, gravel, and crushed stone | 122.8 | 123.1 | 123.5 | 123.7 | 123.9 | 124.0 | 123.9 | 124.7 | 125.0 | 124.9 | 125.5 | 125.6 | 125.1 | 125.5 | 125.9 |
| | Raw cotton | 105.8 | 111.3 | 116.1 | 121.6 | 120.4 | 111.2 | 105.9 | 111.0 | 115.0 | 115.5 | 114.9 | 117.0 | 125.1 | 121.4 | 121.2 |
| | Domestic apparel wool | 137.8 | 129.3 | 133.0 | 132.0 | 134.0 | 124.5 | 121.2 | 105.3 | 105.8 | 96.6 | 86.2 | 84.3 | 82.5 | 80.7 | 79.6 |
| 23 ♦ | Index of spot market prices, raw industrial materials, 1967=100, NSA (U,L,L) © [1]. | 325.3 | 325.0 | 327.0 | 325.7 | 314.2 | 301.7 | 300.9 | 301.1 | 304.5 | 310.9 | 314.7 | 317.2 | 319.7 | 321.1 | 320.0 |
| | Copper scrap, $ per lb. © | .958 | 1.014 | 1.030 | 1.031 | .894 | .768 | .777 | .841 | .846 | .951 | .938 | .883 | .979 | 1.084 | .990 |
| | Lead scrap, $ per lb. © | .241 | .236 | .249 | .244 | .239 | .228 | .236 | .258 | .238 | .234 | .227 | .226 | .255 | .263 | .256 |
| | Steel scrap, $ per ton © | 106.939 | 102.439 | 101.640 | 97.826 | 96.000 | 94.094 | 97.143 | 96.836 | 98.000 | 109.566 | 116.303 | 117.647 | 114.757 | 111.765 | 111.881 |
| | Tin, $ per lb. © | 4.814 | 4.919 | 4.628 | 4.402 | 3.665 | 3.531 | 3.543 | 3.378 | 3.424 | 3.483 | 3.459 | 3.372 | 3.318 | 3.588 | 3.449 |
| | Zinc, $ per lb., NSA © | .830 | .829 | .822 | .804 | .761 | .734 | .688 | .669 | .762 | .830 | .870 | .874 | .866 | .831 | .810 |
| | Burlap, $ per yd. © | .283 | .287 | .296 | .295 | .284 | .279 | .276 | .279 | .286 | .284 | .285 | .287 | .291 | .292 | .294 |
| | Cotton, $ per lb. © | .639 | .704 | .726 | .752 | .719 | .647 | .643 | .669 | .689 | .701 | .697 | .707 | .763 | .756 | .735 |
| | Print cloth, $ per yd. © | .710 | .789 | .767 | .744 | .719 | .699 | .727 | .713 | .722 | .711 | .692 | .731 | .729 | .713 | .748 |
| | Wool tops, $ per lb., NSA © | 5.722 | 5.220 | 5.250 | 5.180 | 5.000 | 4.800 | 4.680 | 4.500 | 4.738 | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 | 5.250 |
| | Hides, $ per lb. © | 1.001 | .996 | 1.018 | 1.035 | 1.040 | 1.052 | 1.085 | 1.109 | 1.056 | 1.032 | 1.022 | 1.068 | 1.039 | .978 | .948 |
| | Rosin, $ per 100 lb. © | 63.958 | 63.126 | 62.812 | 62.624 | 62.500 | 62.438 | 63.690 | 65.217 | 65.347 | 63.370 | 62.874 | 63.317 | 64.090 | 64.483 | 64.090 |
| | Rubber, $ per lb., NSA © | .507 | .473 | .462 | .461 | .457 | .449 | .448 | .458 | .460 | .457 | .458 | .460 | .458 | .474 | .488 |
| | Tallow, $ per lb., NSA © | .143 | .131 | .138 | .144 | .144 | .136 | .136 | .142 | .134 | .128 | .133 | .139 | .129 | .121 | .125 |
| | Consumer Price Index for services, 1982-84=100 | 131.9 | 132.7 | 133.0 | 133.6 | 134.2 | 134.9 | 135.7 | 136.2 | 137.1 | 137.5 | 137.9 | 138.8 | 139.6 | 140.6 | 141.1 |
| | Percent change from previous month, AR | 5.0 | 3.7 | 2.7 | 5.5 | 5.5 | 6.4 | 7.4 | 4.5 | 8.2 | 3.6 | 3.5 | 8.1 | 7.1 | 8.9 | 4.4 |
| 120 ♦ | Percent change from previous month, AR, smoothed (Lg,Lg,Lg) †. | 4.9 | 4.9 | 4.6 | 4.5 | 4.6 | 4.9 | 5.4 | 5.6 | 6.0 | 6.0 | 5.6 | 5.7 | 6.0 | 6.5 | 6.6 |
| 19 ♦ | Index of stock prices, 500 common stocks, 1941-43=10, NSA (L,L,L). | 322.84 | 346.61 | 347.33 | 347.40 | 340.22 | 348.57 | 339.97 | 330.45 | 338.47 | 338.18 | 350.25 | 360.39 | 360.03 | 330.75 | 315.41 |
| | Profits and profit margins: | | | | | | | | | | | | | | | |
| 16 ♦ | Corporate profits after tax, bil.$, AR (L,L,L) | 172.6 | 163.6 | | | 166.3 | | | 167.1 | | | 166.1 | | | | |
| 18 ♦ | Corporate profits after tax, bil. 1982$, AR (L,L,L) | 143.6 | 134.2 | | | 135.2 | | | 133.4 | | | 131.1 | | | | |
| 22 ♦ | Ratio, corporate domestic profits after tax to corporate domestic income, percent (L,L,L). | 5.0 | 4.6 | | | 4.5 | | | 4.6 | | | 4.6 | | | | |
| 81 ♦ | Ratio, corporate domestic profits after tax with IVA and CCAdj to corporate domestic income, percent (U,L,L). | 5.2 | 5.3 | | | 4.5 | | | 4.6 | | | 4.9 | | | | |
| 26 ♦ | Ratio, implicit price deflator to unit labor cost, all persons, nonfarm business sector, 1982=100 (L,L,L). | 104.2 | 104.4 | | | 104.1 | | | 103.7 | | | 103.8 | | | | |
| 35 | Corporate net cash flow, bil. 1982$, AR (L,L,L) | 406.8 | 396.9 | | | 396.5 | | | 389.1 | | | 385.7 | | | | |
| | Unit labor costs: | | | | | | | | | | | | | | | |
| 63 | Index of unit labor cost, all persons, business sector, 1982=100 (Lg,Lg,Lg). | 118.0 | 118.2 | | | 119.6 | | | 121.1 | | | 122.4 | | | | |
| | Index of labor cost per unit of output, mfg., 1987=100 | 101.7 | 101.9 | 101.7 | 102.7 | 101.2 | 101.6 | 101.7 | 101.1 | 101.6 | 101.6 | 101.7 | r 101.7 | r 101.5 | r 101.3 | p 101.0 |
| | Percent change from previous month, AR | 1.2 | −2.3 | −2.3 | 12.5 | −16.2 | 4.8 | 1.2 | −6.9 | 6.1 | 0 | 1.2 | r 0 | r −2.3 | r −2.3 | p −3.5 |
| 62 ♦ | Percent change from previous month, AR, smoothed (Lg,Lg,Lg) †. | .8 | 1.3 | 1.0 | 2.3 | .6 | .2 | .1 | −.9 | −.6 | −.3 | .1 | r .3 | r .1 | r −.4 | p −1.1 |
| | 1.8 Money and Credit | | | | | | | | | | | | | | | |
| | Money: | | | | | | | | | | | | | | | |
| 85 ♦ | Percent change in money supply M1 (L,L,L) | .08 | .17 | .32 | .66 | .16 | .68 | 0 | .83 | .42 | .31 | −.24 | .50 | −.02 | r .87 | p .81 |
| 102 ♦ | Percent change in money supply M2 (L,C,U) | .40 | .64 | .53 | .58 | .61 | .64 | r .29 | .76 | .47 | .20 | r −.20 | r .24 | r .16 | r .55 | p .48 |
| 105 | Money supply M1, bil. 1982$ (L,L,L) | 609.9 | 605.0 | 605.5 | 606.7 | 605.4 | 607.2 | 600.8 | 602.6 | 602.4 | 603.4 | 601.0 | 600.9 | 598.5 | r 598.8 | p 599.3 |
| 106 ♦ | Money supply M2, bil. 1982$ (L,L,L) | 2,435.2 | 2,439.5 | 2,446.7 | 2,449.5 | 2,454.9 | 2,461.1 | r 2,442.2 | r 2,447.8 | r 2,448.3 | r 2,449.4 | r 2,441.0 | r 2,434.0 | r 2,429.0 | r 2,422.6 | p 2,416.4 |

See footnotes on page C-6.

| Series no. | Series title and timing classification | Year 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1. CYCLICAL INDICATORS — Continued** | | | | | | | | | | | | | | | |
| | 1.8 Money and Credit — Continued | | | | | | | | | | | | | | | |
| | Velocity of money: | | | | | | | | | | | | | | | |
| 107 | Ratio, GNP to money suppy M1 (C,C,C) | 6.636 | 6.709 | | | 6.689 | | | 6.717 | | | 6.742 | | | p 6.757 | |
| 108 | Ratio, personal income to money supply M2 (C,Lg,C) | 1.401 | 1.398 | 1.394 | 1.396 | 1.396 | 1.396 | 1.403 | 1.401 | r 1.405 | 1.405 | r 1.413 | 1.415 | r 1.420 | r 1.415 | p 1.416 |
| | Credit flows: | | | | | | | | | | | | | | | |
| 112 ♦ | Net change in business loans, bil.$, AR (L,L,L) | 44.20 | 82.48 | −7.86 | 3.97 | −.28 | −.98 | 48.34 | 56.26 | 121.45 | 5.50 | r −41.65 | r 4.61 | r 21.34 | r 34.08 | p 91.16 |
| 113 ♦ | Net change in consumer installment credit, bil.$, AR (L,L,L). | | 42.22 | 26.22 | 53.16 | 45.23 | 32.66 | 14.46 | .48 | 30.91 | 4.68 | 43.80 | 1.39 | r 56.74 | p 25.04 | |
| 111 | Percent change in business and consumer credit outstanding, AR (L,L,L). | | 6.5 | −.2 | −.2 | 3.1 | −2.8 | 1.7 | 4.8 | 6.6 | r −.2 | p −1.6 | | | | |
| 110 ♦ | Funds raised by private nonfinancial borrowers in credit markets, mil.$, AR (L,L,L). | 537,171 | 535,228 | | | 451,360 | | | 498,996 | | | p 427,640 | | | | |
| | Credit difficulties: | | | | | | | | | | | | | | | |
| 14 | Current liabilities of business failures, mil.$, NSA (L,L,L) ‡. | 35,663.6 | p 2,960.0 | p 1,751.2 | p 2,223.9 | p 2,000.8 | p 5,085.4 | | | | | | | | | |
| 39 | Percent of consumer installment loans delinquent 30 days and over (L,L,L) ◊ ‡. | 2.64 | 2.73 | 2.88 | 2.71 | 2.63 | 2.64 | 2.45 | 2.41 | 2.46 | 2.60 | 2.55 | 2.55 | | | |
| | Bank reserves: | | | | | | | | | | | | | | | |
| 93 | Free reserves, mil.$, NSA (L,U,U) ‡ | 450 | 251 | 267 | 486 | 617 | 677 | 602 | 76 | 687 | 672 | 502 | 239 | 385 | r 67 | p 289 |
| 94 | Member bank borrowings from the Federal Reserve, mil.$, NSA (L,Lg,U). | 1,141 | 675 | 693 | 555 | 349 | 265 | 440 | 1,448 | 2,124 | 1,628 | 1,335 | 881 | 757 | 927 | p 624 |
| | Interest rates (percent, NSA): | | | | | | | | | | | | | | | |
| 119 ♦ | Federal funds rate (L,Lg,Lg) | 9.22 | 8.99 | 9.02 | 8.84 | 8.55 | 8.45 | 8.23 | 8.24 | 8.28 | 8.26 | 8.18 | 8.29 | 8.15 | 8.13 | 8.20 |
| 114 ♦ | Discount rate on new issues of 91-day Treasury bills (C,Lg,Lg). | 8.12 | 7.91 | 7.72 | 7.63 | 7.65 | 7.64 | 7.64 | 7.76 | 7.87 | 7.78 | 7.78 | 7.74 | 7.66 | 7.44 | 7.38 |
| 116 ♦ | Yield on new issues of high-grade corporate bonds (Lg,Lg,Lg). | 9.55 | 9.09 | 9.29 | 9.04 | 9.20 | 9.23 | 9.56 | 9.68 | 9.79 | 10.02 | 9.97 | 9.69 | 9.72 | 10.01 | 10.17 |
| 115 ♦ | Yield on long-term Treasury bonds (C,Lg,Lg) | 8.59 | 8.26 | 8.31 | 8.15 | 8.03 | 8.02 | 8.39 | 8.66 | 8.74 | 8.92 | 8.90 | 8.62 | 8.64 | 8.97 | 9.11 |
| 117 | Yield on municipal bonds, 20-bond average (U,Lg,Lg) | 7.23 | 7.06 | 7.26 | 7.22 | 7.14 | 6.98 | 7.10 | 7.22 | 7.29 | 7.39 | 7.35 | 7.24 | 7.19 | 7.32 | 7.43 |
| 118 | Secondary market yields on FHA mortgages (Lg,Lg,Lg) | 10.24 | 9.95 | 9.94 | 9.73 | 9.69 | 9.72 | 10.01 | 10.22 | 10.30 | 10.75 | 10.23 | 10.18 | 10.11 | 10.28 | 10.24 |
| 109 ♦ | Average prime rate charged by banks (Lg,Lg,Lg) | 10.87 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.11 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 |
| | Outstanding debt: | | | | | | | | | | | | | | | |
| 66 | Consumer installment credit outstanding, mil.$ (Lg,Lg,Lg) ◊. | 716,624 | 703,518 | 705,703 | 710,133 | 713,903 | 716,624 | 717,829 | 717,869 | 720,445 | 720,835 | 724,485 | 724,601 | r 729,329 | p 731,416 | |
| 72 | Commercial and industrial loans outstanding, mil.$, (Lg,Lg,Lg). | 436,323 | 448,583 | 447,928 | 448,259 | 448,236 | 448,154 | 452,182 | 456,870 | 466,991 | 467,449 | r 463,978 | r 464,362 | r 466,140 | r 468,980 | p 476,577 |
| 101 ♦ | Commercial and industrial loans outstanding, mil. 1982$ (Lg,Lg,Lg). | 388,688 | 400,521 | 398,512 | 397,393 | 397,725 | 396,596 | 393,544 | 399,362 | 408,924 | 409,684 | r 404,867 | r 406,622 | r 407,822 | r 402,558 | p 402,855 |
| 95 ♦ | Ratio, consumer installment credit outstanding to personal income, percent (Lg,Lg,Lg). | 15.94 | 15.99 | 16.00 | 15.99 | 15.97 | 15.94 | 15.84 | 15.74 | 15.68 | 15.66 | 15.68 | 15.61 | r 15.64 | p 15.65 | |
| | 1.9 Alternative Composite Indexes | | | | | | | | | | | | | | | |
| 990 ♦ | CIBCR long-leading composite index, 1967=100 [1] § | 226.1 | 228.4 | 229.5 | 230.0 | 234.0 | 235.4 | 238.9 | 234.8 | 233.7 | 231.8 | 231.1 | r 232.8 | r 232.5 | r 234.9 | p 237.2 |
| 991 ♦ | CIBCR short-leading composite index, 1967=100 [1] § | 202.0 | r 203.1 | 203.9 | r 203.3 | 202.3 | r 201.6 | r 200.5 | r 200.0 | r 202.2 | r 201.9 | 204.1 | r 204.2 | r 203.0 | r 203.8 | p 202.8 |
| | **2. OTHER IMPORTANT ECONOMIC MEASURES** | | | | | | | | | | | | | | | |
| | 2.1 Savings | | | | | | | | | | | | | | | |
| 290 | Gross saving, bil.$, AR | 691.5 | 692.4 | | | 674.8 | | | 664.8 | | | 679.3 | | | | |
| 295 | Business saving, bil.$, AR | 607.5 | 621.4 | | | 612.3 | | | 603.7 | | | 611.6 | | | | |
| 292 | Personal saving, bil.$, AR | 171.8 | 154.5 | | | 174.1 | | | 191.3 | | | 195.1 | | | p 159.4 | |
| 298 ♦ | Government surplus or deficit, bil.$, AR | −87.8 | −83.6 | | | −111.6 | | | −130.2 | | | −127.3 | | | | |
| 293 ♦ | Personal saving rate, percent | 4.6 | 4.1 | | | 4.6 | | | 4.9 | | | 5.0 | | | p 4.0 | |
| | 2.2 Prices, Wages, and Productivity | | | | | | | | | | | | | | | |
| | **Price Movements** | | | | | | | | | | | | | | | |
| 310 | Implicit price deflator for gross national product, 1982=100 | 126.3 | 126.8 | | | 128.0 | | | 129.5 | | | 131.0 | | | p 132.1 | |
| | Percent change from previous quarter, AR | 4.1 | 3.2 | | | 3.8 | | | 4.8 | | | 4.7 | | | p 3.4 | |
| 311 | Fixed-weighted price index, gross domestic business product, 1982=100. | 127.5 | 128.1 | | | 129.2 | | | 131.3 | | | 132.5 | | | p 133.8 | |
| ♦ | Percent change from previous quarter, AR | 4.5 | 3.0 | | | 3.7 | | | 6.3 | | | 3.7 | | | p 4.0 | |
| | Consumer Price Indexes for all urban consumers: | | | | | | | | | | | | | | | |
| 320 | All items, 1982-84=100, NSA | 124.0 | 124.6 | 125.0 | 125.6 | 125.9 | 126.1 | 127.4 | 128.0 | 128.7 | 128.9 | 129.2 | 129.9 | 130.4 | 131.6 | 132.7 |
| | Percent change over 1-month span | .4 | 0 | .2 | .5 | .3 | .4 | 1.1 | .5 | .5 | .2 | .2 | .5 | .4 | .8 | .8 |
| ♦ | Percent change over 6-month span, AR | 4.9 | 3.3 | 3.6 | 5.2 | 6.2 | 6.7 | 6.0 | 5.6 | 5.9 | 4.4 | 5.1 | 5.7 | | | |
| 323 | All items less food and energy, 1982-84=100 | 129.0 | 129.7 | 130.1 | 130.7 | 131.2 | 131.6 | 132.4 | 133.1 | 134.0 | 134.3 | 134.7 | 135.3 | 136.1 | 136.8 | 137.2 |
| | Percent change over 1-month span | .4 | .2 | .3 | .5 | .4 | .3 | .6 | .5 | .7 | .2 | .3 | .4 | .6 | .5 | .3 |
| ♦ | Percent change over 6-month span, AR | 4.5 | 4.1 | 4.1 | 4.5 | 5.3 | 6.1 | 5.6 | 5.4 | 5.7 | 5.7 | 5.6 | 4.8 | | | |
| | Producer Price Indexes: | | | | | | | | | | | | | | | |
| 336 | Finished goods, 1982=100 | 113.6 | 113.3 | 114.1 | 114.7 | 114.8 | 115.5 | 117.7 | 117.7 | 117.5 | 117.3 | 117.4 | 117.6 | 117.5 | 119.0 | 120.9 |
| | Percent change over 1-month span | .4 | −.3 | .7 | .5 | .1 | .6 | 1.9 | 0 | −.2 | −.2 | .1 | .2 | −.1 | 1.3 | 1.6 |
| ♦ | Percent change over 6-month span, AR | 5.0 | 1.6 | 2.6 | 7.3 | 7.9 | 6.0 | 4.6 | 4.6 | 3.7 | −.3 | 2.2 | 5.9 | | | |
| 337 | Finished goods less foods and energy, 1982=100 | 122.1 | 122.7 | 123.2 | 123.5 | 123.8 | 124.3 | 124.5 | 124.9 | 125.4 | 125.5 | r 125.9 | 126.6 | 126.5 | 126.9 | 127.7 |
| | Percent change over 1-month span | .4 | .5 | .4 | .2 | .2 | .4 | .2 | .3 | .4 | .1 | r .3 | .6 | −.1 | .3 | .6 |
| ♦ | Percent change over 6-month span, AR | 4.1 | 3.8 | 3.3 | 4.0 | 3.6 | 3.6 | 3.3 | r 3.4 | 3.7 | 3.2 | 3.2 | 3.7 | | | |
| 334 | Finished consumer goods, 1982=100 | 112.1 | 111.6 | 112.5 | 113.3 | 113.3 | 114.1 | 117.0 | 116.8 | 116.4 | 116.1 | 116.2 | 116.3 | 116.1 | 118.0 | 120.1 |
| | Percent change over 1-month span | .4 | −.4 | .8 | .7 | 0 | .7 | 2.5 | −.2 | −.3 | −.3 | .1 | .1 | −.2 | 1.6 | 1.8 |
| ♦ | Percent change over 6-month span, AR | 5.5 | .7 | 2.3 | 8.9 | 9.5 | 7.1 | 5.0 | 5.2 | 3.9 | −1.5 | 2.1 | 6.5 | | | |
| 333 | Capital equipment, 1982=100 | 118.8 | 119.3 | 120.1 | 120.0 | 120.4 | 120.7 | 120.9 | 121.4 | 121.9 | 122.0 | r 122.1 | 122.4 | 122.8 | 123.2 | 124.2 |
| | Percent change over 1-month span | .3 | .3 | .7 | −.1 | .3 | .2 | .2 | .4 | .4 | .1 | r .1 | r .2 | .3 | .3 | .8 |
| ♦ | Percent change over 6-month span, AR | 3.7 | 3.9 | 3.2 | 3.4 | 3.6 | 3.0 | 3.4 | r 2.8 | 2.8 | 3.2 | 3.0 | 3.8 | | | |
| 332 | Intermediate materials, supplies, and components, 1982=100. | 112.0 | 111.8 | 112.2 | 112.4 | 112.2 | 112.2 | 113.6 | 112.7 | 112.8 | 112.9 | r 113.0 | 112.6 | 112.6 | 114.1 | 116.2 |
| | Percent change over 1-month span | .2 | −.3 | .4 | .2 | −.2 | 0 | 1.2 | −.8 | .1 | .1 | r .1 | r −.4 | 0 | 1.3 | 1.8 |
| ♦ | Percent change over 6-month span, AR | 2.2 | −.7 | −.2 | 2.7 | 1.6 | 1.1 | .9 | r 1.4 | .7 | −1.8 | 2.5 | 6.1 | | | |
| 331 | Crude materials for further processing, 1982=100 | 103.1 | 101.1 | 102.3 | 102.6 | 103.2 | 104.7 | 107.0 | 107.3 | 105.9 | 103.1 | r 103.0 | 100.1 | 100.7 | 110.1 | 115.2 |
| | Percent change over 1-month span | .6 | −2.3 | 1.2 | .3 | .6 | 1.5 | 2.2 | .3 | −1.3 | −2.6 | r −.1 | r −2.8 | .6 | 9.3 | 4.6 |
| ♦ | Percent change over 6-month span, AR | 6.0 | −2.5 | 2.7 | 6.9 | 12.6 | 7.2 | 1.0 | r −.4 | −8.6 | −11.4 | 5.3 | 18.3 | | | |

See footnotes on page C-6.

| Series no. | Series title and timing classification | Year 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. * |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **2. OTHER IMPORTANT ECONOMIC MEASURES — Continued** | | | | | | | | | | | | | | | |
| | 2.2 Prices, Wages, and Productivity — Continued | | | | | | | | | | | | | | | |
| | **Wages and Productivity** | | | | | | | | | | | | | | | |
| 345 | Index of average hourly compensation, all employees, nonfarm business sector, 1982=100. | 131.8 | 132.1 | | | 133.0 | | | 134.1 | | | 135.9 | | | | |
| | Percent change from previous quarter, AR | 3.0 | 1.7 | | | 2.7 | | | 3.2 | | | 5.6 | | | | |
| 346 | Index of real average hourly compensation, all employees, nonfarm business sector, 1982=100. | 102.6 | 102.3 | | | 102.0 | | | 100.8 | | | 101.3 | | | | |
| | Percent change from previous quarter, AR | −1.8 | −1.1 | | | −1.3 | | | −4.5 | | | 1.9 | | | | |
| 370 | Index of output per hour, all persons, business sector, 1982=100. | 112.8 | 112.8 | | | 112.3 | | | 111.9 | | | 112.3 | | | | |
| ♦ | Percent change over 1-quarter span, AR | −.2 | −1.5 | | | −2.0 | | | −1.5 | | | 1.7 | | | | |
| ♦ | Percent change over 4-quarter span, AR | −.8 | −1.2 | | | −.8 | | | | | | | | | | |
| 358 | Index of output per hour, all persons, nonfarm business sector, 1982=100. | 111.9 | 112.0 | | | 111.4 | | | 110.8 | | | 111.2 | | | | |
| | 2.3 Labor Force and Employment | | | | | | | | | | | | | | | |
| 441 | Civilian labor force, thous. | 123,869 | 124,070 | 124,023 | 124,148 | 124,488 | 124,546 | 124,397 | 124,630 | 124,829 | 124,886 | 125,004 | 124,836 | 124,767 | 124,660 | 124,967 |
| 442 | Civilian employment, thous. | 117,342 | 117,550 | 117,419 | 117,585 | 117,836 | 117,888 | 117,863 | 118,035 | 118,334 | 118,116 | 118,350 | 118,389 | 117,953 | 117,658 | 117,898 |
| | Civilian labor force participation rates (percent): | | | | | | | | | | | | | | | |
| 451 | Males 20 years and over | 78.1 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.7 | 77.7 | 77.9 |
| 452 | Females 20 years and over | 57.7 | 57.7 | 57.7 | 57.5 | 57.8 | 57.8 | 57.8 | 57.9 | 57.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 57.9 |
| 453 | Both sexes 16-19 years of age | 55.9 | 56.5 | 55.7 | 56.3 | 56.6 | 56.1 | 55.2 | 55.1 | 56.4 | 55.4 | 54.6 | 52.9 | 52.4 | 50.9 | 53.1 |
| | 2.4 Government Activities | | | | | | | | | | | | | | | |
| | Defense indicators: | | | | | | | | | | | | | | | |
| 517 | Defense Department gross obligations incurred, mil.$ | 360,980 | 29,634 | 30,232 | 31,145 | 26,377 | 29,228 | p 35,483 | | | | | | | | |
| 525 | Defense Department prime contract awards, mil.$ | | | | | | | 12,887 | 11,056 | 13,392 | 15,840 | 13,865 | 9,142 | 9,765 | p 13,882 | |
| 543 | Defense Department gross unpaid obligations outstanding, mil.$ ◊. | 209,027 | 217,509 | 214,486 | 218,190 | 211,677 | 209,027 | p 214,526 | | | | | | | | |
| 548 | Manufacturers' new orders, defense products, mil.$ | 107,325 | 7,956 | 10,639 | 9,571 | 11,267 | 9,770 | 6,488 | 7,676 | 8,023 | 8,406 | 10,081 | 7,879 | r 7,475 | r 8,372 | p 7,814 |
| 557 | Index of industrial production, defense and space equipment, 1987=100. | 97.4 | 98.9 | 98.9 | 96.6 | 96.7 | 96.6 | 97.5 | 97.6 | 97.5 | 97.3 | 97.6 | r 97.6 | r 97.9 | 97.4 | p 97.0 |
| 570 | Employment, defense products industries, thous. | 1,253 | 1,251 | 1,251 | 1,248 | 1,250 | 1,251 | 1,251 | 1,251 | 1,247 | 1,245 | 1,241 | 1,236 | r 1,228 | p 1,217 | |
| 564 ♦ | Federal Government purchases of goods and services, national defense, bil.$, AR. | 301.1 | 306.3 | | | 299.2 | | | 307.2 | | | 309.6 | | | p 311.1 | |
| | 2.5 U.S. International Transactions | | | | | | | | | | | | | | | |
| 602 | Exports, excluding military aid shipments, mil.$ | 363,808 | 30,181 | 30,129 | 31,436 | 30,618 | 31,261 | 31,372 | 31,575 | 33,264 | 32,058 | 32,773 | 34,218 | r 32,120 | 32,632 | |
| 604 | Exports of domestic agricultural products, mil.$ | 41,647 | 3,300 | 3,213 | 3,261 | 3,388 | 3,173 | 3,543 | 3,270 | 3,500 | 3,282 | 3,354 | 3,709 | 3,182 | 3,322 | |
| 606 | Exports of nonelectrical machinery, mil.$ | 73,118 | 6,290 | 6,413 | 6,412 | 6,230 | 6,443 | 7,001 | 6,779 | 6,883 | 6,661 | 6,964 | 7,072 | 7,104 | 6,767 | |
| 612 | General imports, mil.$ | 473,211 | 40,509 | 38,897 | 41,589 | 40,530 | 38,058 | 41,570 | 38,672 | 41,636 | 39,364 | 40,543 | 39,560 | r 41,244 | 41,970 | |
| 614 | Imports of petroleum and petroleum products, mil.$ | 49,373 | 4,227 | 4,000 | 4,141 | 4,154 | 4,270 | 5,881 | 5,126 | 5,158 | 3,988 | 4,095 | 3,563 | 3,594 | 4,365 | |
| 616 | Imports of automobiles and parts, mil.$ | 69,679 | 5,426 | 6,215 | 5,894 | 5,705 | 5,655 | 5,203 | 5,432 | 6,489 | 5,433 | 5,804 | 6,098 | 5,855 | 6,179 | |
| 618 ♦ | Merchandise exports, adjusted, excluding military, mil.$ [1] | 360,465 | 89,349 | | | 91,738 | | | 96,262 | | | p 96,741 | | | | |
| 620 ♦ | Merchandise imports, adjusted, excluding military, mil.$ [1] | 475,329 | 119,152 | | | 120,484 | | | 122,545 | | | p 119,316 | | | | |
| 622 | Balance on merchandise trade, mil.$ [1] | −114,864 | −29,803 | | | −28,746 | | | −26,283 | | | p −22,575 | | | | |
| | 2.6 International Comparisons | | | | | | | | | | | | | | | |
| | **Industrial Production Indexes (1987=100)** | | | | | | | | | | | | | | | |
| 47 ♦ | United States | 108.1 | 108.2 | 108.2 | 107.7 | 108.1 | 108.6 | 107.5 | 108.5 | 108.9 | 108.8 | 109.4 | r 110.1 | r 110.3 | r 110.4 | p 110.7 |
| 721 ♦ | OECD, European countries [2] | 108 | 109 | 109 | 109 | r 110 | 110 | 110 | 109 | 111 | 109 | 110 | p 111 | | | |
| 728 ♦ | Japan | 115.8 | 116.7 | 116.1 | 116.4 | 116.7 | 116.9 | 116.9 | 117.0 | 118.8 | 117.9 | 121.0 | 121.1 | r 123.2 | p 123.7 | |
| 725 ♦ | Federal Republic of Germany | 108 | 110 | 110 | 110 | 110 | 111 | 112 | 111 | 112 | 110 | 113 | 113 | p 115 | | |
| 726 ♦ | France | 108 | 109 | 108 | 109 | 109 | 108 | 109 | 107 | 108 | 109 | 109 | p 109 | | | |
| 722 ♦ | United Kingdom | 104 | 105 | 105 | 105 | 104 | 105 | 104 | 103 | r 105 | 107 | 106 | 108 | p 104 | | |
| 727 ♦ | Italy | 110.2 | 109.6 | 111.4 | 111.7 | 112.4 | 115.5 | 108.2 | 112.4 | 111.3 | 110.4 | r 108.1 | p 109.3 | | | |
| 723 ♦ | Canada § | 105.1 | r 105.3 | r 105.2 | r 104.0 | r 104.5 | r 104.8 | r 102.5 | r 102.4 | r 102.6 | r 102.3 | r 102.7 | 103.1 | 103.8 | p 102.7 | |
| | **Consumer Price Indexes (1982-84=100)** | | | | | | | | | | | | | | | |
| 320 | United States, NSA | 124.0 | 124.6 | 125.0 | 125.6 | 125.9 | 126.1 | 127.4 | 128.0 | 128.7 | 128.9 | 129.2 | 129.9 | 130.4 | 131.6 | 132.7 |
| ♦ | Percent change over 6-month span, AR | 4.9 | 3.3 | 3.6 | 5.2 | 6.2 | 6.7 | 6.0 | 5.6 | 5.9 | 4.4 | 5.1 | 5.7 | | | |
| 738 | Japan, NSA | 108.1 | 108.3 | 109.2 | 110.0 | 108.9 | 109.0 | 109.2 | 109.5 | 109.9 | 110.8 | 111.6 | 111.0 | 110.9 | 111.4 | |
| ♦ | Percent change over 6-month span, AR | 3.1 | 1.3 | 1.3 | 2.0 | 3.3 | 2.6 | 1.7 | 3.7 | 3.0 | 2.6 | 2.4 | | | | |
| 735 | Federal Republic of Germany, NSA | 109.2 | 109.2 | 109.4 | 109.7 | 109.9 | 110.2 | 110.9 | 111.3 | 111.4 | 111.6 | 111.8 | 111.9 | 111.9 | 112.2 | 112.6 |
| ♦ | Percent change over 6-month span, AR | 2.9 | 1.8 | 2.4 | 2.8 | 3.5 | 3.1 | 2.4 | 2.6 | 2.2 | 1.8 | 2.0 | 2.9 | | | |
| 736 | France, NSA | 128.7 | 129.2 | 129.5 | 130.1 | 130.3 | 130.5 | 130.8 | 131.1 | 131.6 | 132.1 | 132.3 | 132.6 | 132.9 | 133.7 | |
| ♦ | Percent change over 6-month span, AR | 3.5 | 3.1 | 3.5 | 3.4 | 3.3 | 3.4 | 2.9 | 2.8 | 2.6 | 2.9 | 3.7 | | | | |
| 732 | United Kingdom, NSA | 135.3 | 136.1 | 137.0 | 138.1 | 139.2 | 139.6 | 140.4 | 141.2 | 142.6 | 147.0 | 148.3 | 148.9 | 149.0 | 150.5 | 151.9 |
| ♦ | Percent change over 6-month span, AR | 7.8 | 7.4 | 7.1 | 7.2 | 7.9 | 8.8 | 11.6 | 12.4 | 12.8 | 12.4 | 13.4 | 12.8 | | | |
| 737 | Italy, NSA | 150.4 | 150.9 | 151.6 | 153.1 | 153.7 | 154.4 | 155.3 | 156.5 | 157.1 | 157.7 | 158.0 | 158.7 | 159.3 | | |
| ♦ | Percent change over 6-month span, AR | 6.3 | 5.4 | 5.5 | 5.4 | 6.0 | 6.3 | 5.7 | 5.7 | 5.6 | 6.0 | | | | | |
| 733 | Canada, NSA | 129.3 | 130.5 | 130.7 | 131.2 | 131.6 | 131.5 | 132.7 | 133.4 | 133.9 | 133.9 | 134.6 | 135.1 | 135.8 | r 135.9 | 136.3 |
| ♦ | Percent change over 6-month span, AR | 5.3 | 4.4 | 3.1 | 4.8 | 5.1 | 4.6 | 4.2 | 4.1 | 5.2 | 3.3 | r 3.2 | 3.6 | | | |
| | **Stock Price Indexes (1967=100, NSA)** | | | | | | | | | | | | | | | |
| 19 ♦ | United States | 351.2 | 377.0 | 377.8 | 377.9 | 370.1 | 379.2 | 369.8 | 359.5 | 368.2 | 367.9 | 381.0 | 392.0 | 391.6 | 359.8 | 343.1 |
| 748 ♦ | Japan | 2,326.1 | 2,382.7 | 2,378.2 | 2,416.1 | 2,468.4 | 2,589.4 | 2,498.2 | 2,427.8 | 2,175.1 | 1,959.4 | 2,142.6 | 2,065.0 | 2,119.1 | r 1,833.0 | p 1,630.5 |
| 745 ♦ | Federal Republic of Germany | 310.5 | 328.6 | 338.2 | 327.0 | 318.1 | 343.1 | 370.8 | 384.6 | 396.3 | 399.5 | 389.5 | 385.3 | 393.7 | p 347.9 | p 310.2 |
| 746 ♦ | France | 866.0 | 904.1 | 934.0 | 902.3 | 855.5 | 909.7 | 900.4 | 856.2 | 872.4 | 938.4 | 949.5 | 932.2 | 899.7 | 796.5 | p 714.6 |
| 742 ♦ | United Kingdom | 1,062.9 | 1,151.1 | 1,156.5 | 1,064.4 | 1,055.4 | 1,114.4 | 1,123.4 | 1,086.7 | 1,060.8 | 1,031.9 | 1,048.2 | 1,118.0 | 1,109.6 | | |
| 747 ♦ | Italy | 451.1 | 506.4 | 510.8 | 464.5 | 450.2 | 453.8 | 466.0 | 440.1 | 439.9 | 455.3 | 468.9 | 485.6 | r 457.4 | r p 397.6 | p 366.3 |
| 743 ♦ | Canada | 429.5 | 453.1 | 445.5 | 442.8 | 445.5 | 448.6 | 418.6 | 416.6 | 411.2 | 377.5 | 404.7 | 400.4 | 402.4 | 378.1 | p 357.0 |
| | **Exchange Rates** | | | | | | | | | | | | | | | |
| 750 ♦ | Exchange value of U.S. dollar, index: March 1973=100, NSA [3]. | 98.52 | 100.44 | 101.87 | 98.92 | 97.99 | 94.88 | 93.00 | 92.25 | 94.11 | 93.51 | 92.04 | 92.43 | 89.68 | 86.55 | 86.10 |
| | Foreign currency per U.S. dollar (NSA): | | | | | | | | | | | | | | | |
| 758 ♦ | Japan (yen) | 137.99 | 141.49 | 145.07 | 142.21 | 143.53 | 143.69 | 144.98 | 145.69 | 153.31 | 158.46 | 154.04 | 153.70 | 149.04 | 147.46 | 138.44 |
| 755 ♦ | Federal Republic of Germany (d. mark) | 1.8792 | 1.9268 | 1.9502 | 1.8662 | 1.8300 | 1.7378 | 1.6914 | 1.6758 | 1.7053 | 1.6863 | 1.6630 | 1.6832 | 1.6375 | 1.5702 | 1.5701 |
| 756 ♦ | France (franc) | 6.3753 | 6.5085 | 6.5855 | 6.3339 | 6.2225 | 5.9391 | 5.7568 | 5.6897 | 5.7555 | 5.6638 | 5.5989 | 5.6613 | 5.4924 | 5.2680 | 5.2575 |
| 752 ♦ | United Kingdom (pound) | .6111 | .6271 | .6363 | .6300 | .6359 | .6264 | .6056 | .5896 | .6156 | .6108 | .5962 | .5847 | .5525 | .5260 | .5321 |
| 757 ♦ | Italy (lira) | 1,371.31 | 1,384.24 | 1,404.18 | 1,369.24 | 1,343.83 | 1,291.93 | 1,261.87 | 1,243.68 | 1,257.67 | 1,238.38 | 1,221.93 | 1,235.60 | 1,199.65 | 1,157.07 | 1,172.87 |
| 753 ♦ | Canada (dollar) | 1.1841 | 1.1758 | 1.1828 | 1.1749 | 1.1697 | 1.1613 | 1.1720 | 1.1965 | 1.1800 | 1.1641 | 1.1747 | 1.1730 | 1.1570 | 1.1448 | 1.1583 |

See footnotes on page C-6.

# 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. |
| * | Available data for later period(s) 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 issue of the SURVEY OF CURRENT BUSINESS (pages 24–27) and "Business Cycle Indicators: Revised Composite Indexes" in the January 1989 issue of the SURVEY (pages 23–28).

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.

High values reached by cyclical indicators since the last reference cycle trough (November 1982) are shown in boldface type; high values reached prior to the period shown in the table are listed in the notes. For inverted series, low values are indicated as highs.

Sources for series in this section are shown on pages C-47 and C-48.

## Page C-1

NOTE 1.—The following series reached its current high value before August 1989: BCI-940 (116.1) in January 1984.

NOTE 2.—Major data revisions:

The composite indexes (BCI-910, -920, -930, and -940), their percent changes, and the contributions of their components have been revised from January 1985 through August 1990 to incorporate revised data for component series. These revisions do not involve changes in the components of the indexes or changes in the standardization or trend factors. In addition, the diffusion indexes based on the composite index components (BCI-950, -951, and -952) have been recomputed from 1985 forward. Historical data for these composite and diffusion indexes and their components are shown on pages C-25 through C-44. Further information concerning these revisions may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, Business Outlook Division, Washington, DC 20230.

1. Excludes BCI-57, for which data are not available.
2. Excludes BCI-77 and BCI-95, for which data are not available.

## Page C-2

NOTE.—The following series reached current high values before August 1989: BCI-1 (41.2) in November 1988; BCI-21 (4.0) and BCI-122 (120.7) in February 1989; BCI-5 (290) and BCI-53 (568.0) in October 1988; BCI-46 (162) in November 1987; BCI-60 (0.736), BCI-7 (113.53), and BCI-8 (92.64) in December 1988; BCI-40 (25,399) and BCI-82 (85.1) in January 1989; BCI-37 (6,198), BCI-43 (5.0), and BCI-12 (128.0) in March 1989; BCI-45 (2.0) in May 1989; BCI-91 (11.2) and BCI-44 (1.0) in June 1989; BCI-49 (1,838.5) and BCI-97 (117.90) in 2d Q 1989; BCI-124 (85.0) in April 1989; BCI-92 change (8.31), BCI-92 smoothed (4.40), BCI-58 (101.0), and BCI-83 (97.7) in March 1984; BCI-32 (67.5) in November 1983; BCI-123 (124.3) in May 1983; BCI-13 (65,318) in December 1986; BCI-9 (93.19) in September 1985; and BCI-11 (50.01) in 1st Q 1989.

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## Page C-3

NOTE.—The following series reached current high values before August 1989: BCI-87 (151.4) in 2d Q 1985; BCI-28 (2,260) and BCI-29 (158.5) in February 1984; BCI-89 (200.3) in 4th Q 1986; BCI-30 (83.4) and BCI-22 (6.9) in 1st Q 1984; BCI-31 (93.7) in October 1987; BCI-77 (1.58), BCI-62 index (104.4), and BCI-62 change (29.1) in March 1986; BCI-99 index (135.64) in March 1989; BCI-99 change (3.21) in August 1983; BCI-99 smoothed (2.09) in November 1983; BCI-23 (335.0) in April 1989; BCI-16 (189.1) and BCI-18 (163.8) in 4th Q 1988; BCI-81 (8.6) in 3d Q 1985; BCI-35 (433.1) in 3d Q 1988; BCI-62 smoothed (6.3) in January 1985; BCI-85 (2.66) in December 1986; BCI-102 (2.67) in January 1983; BCI-105 (637.4) in July 1988; and BCI-106 (2,472.5) in June 1988.

* Preliminary October values: BCI-23 = 314.5, BCI-19 = 305.79, BCI-85 = 0.37; anticipated 4th quarter values: BCI-61 = 538.61, BCI-100 = 530.65.

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## Page C-4

NOTE 1.—The following series reached current high values before August 1989: BCI-107 (7.034) in 4th Q 1984; BCI-113 (132.08) in September 1985; BCI-111 (23.2), BCI-116 (14.49), BCI-115 (13.00), and BCI-117 (10.67) in June 1984; BCI-110 (869,764) in 4th Q 1985; BCI-14 (829.2) in July 1983; BCI-39 (1.78) in February 1984; BCI-93 (−2,380), BCI-94 (8,017), BCI-119 (11.64), BCI-114 (10.49), and BCI-109 (13.00) in August 1984; BCI-118 (15.01) in May 1984; and BCI-95 (16.02) in January 1989.

NOTE 2.—Major data revision: CIBCR long-leading and short-leading composite indexes (BCI-990 and BCI-991) have been revised by the source agency from 1948 forward to incorporate revised data for component series. Further information concerning these revisions may be obtained from the source. (See footnote 1 for address.)

* Preliminary October values: BCI-119 = 8.10, BCI-114 = 7.19, BCI-116 = 10.08, BCI-115 = 8.94, BCI-117 = 7.49, and BCI-109 = 10.00.

1. These indexes are compiled by the Center for International Business Cycle Research (CIBCR), Graduate School of Business, Columbia University, New York, NY 10027.

## Page C-5

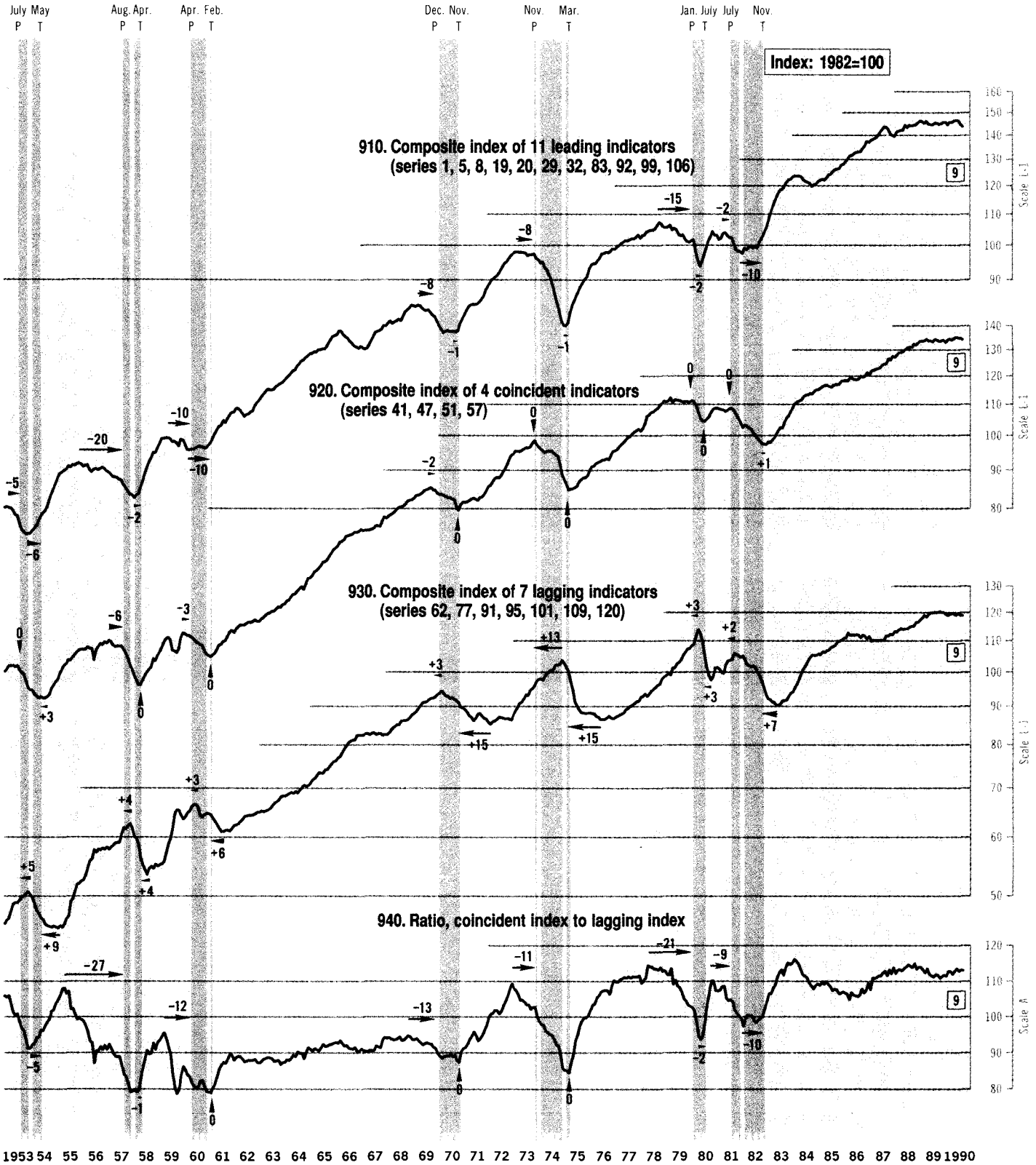
NOTE.—Major data revision: The index of industrial production for Canada (BCI-723) has been revised by the source agency from 1961 forward. This revision reflects the reweighting of the basic data to a 1986 base year and the application of new seasonal adjustment factors. Further information concerning this revision may be obtained from Statistics Canada, Industry Product Division, Ottawa K1A 0V5, Canada.

* Preliminary October values: BCI-19 = 332.6, BCI-748 = 1,612.2, BCI-745 = 299.3, BCI-746 = 701.1, BCI-747 = 352.2, BCI-743 = 340.9, BCI-750 = 83.47, BCI-758 = 129.66, BCI-755 = 1.5249, BCI-756 = 5.1068, BCI-752 = 0.5141, BCI-757 = 1,142.38, and BCI-753 = 1.1590.

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. Weights are the 1972–76 global trade of each of the 10 countries. For a description of this index, see the August 1978 *Federal Reserve Bulletin* (p. 700).

# CYCLICAL INDICATORS

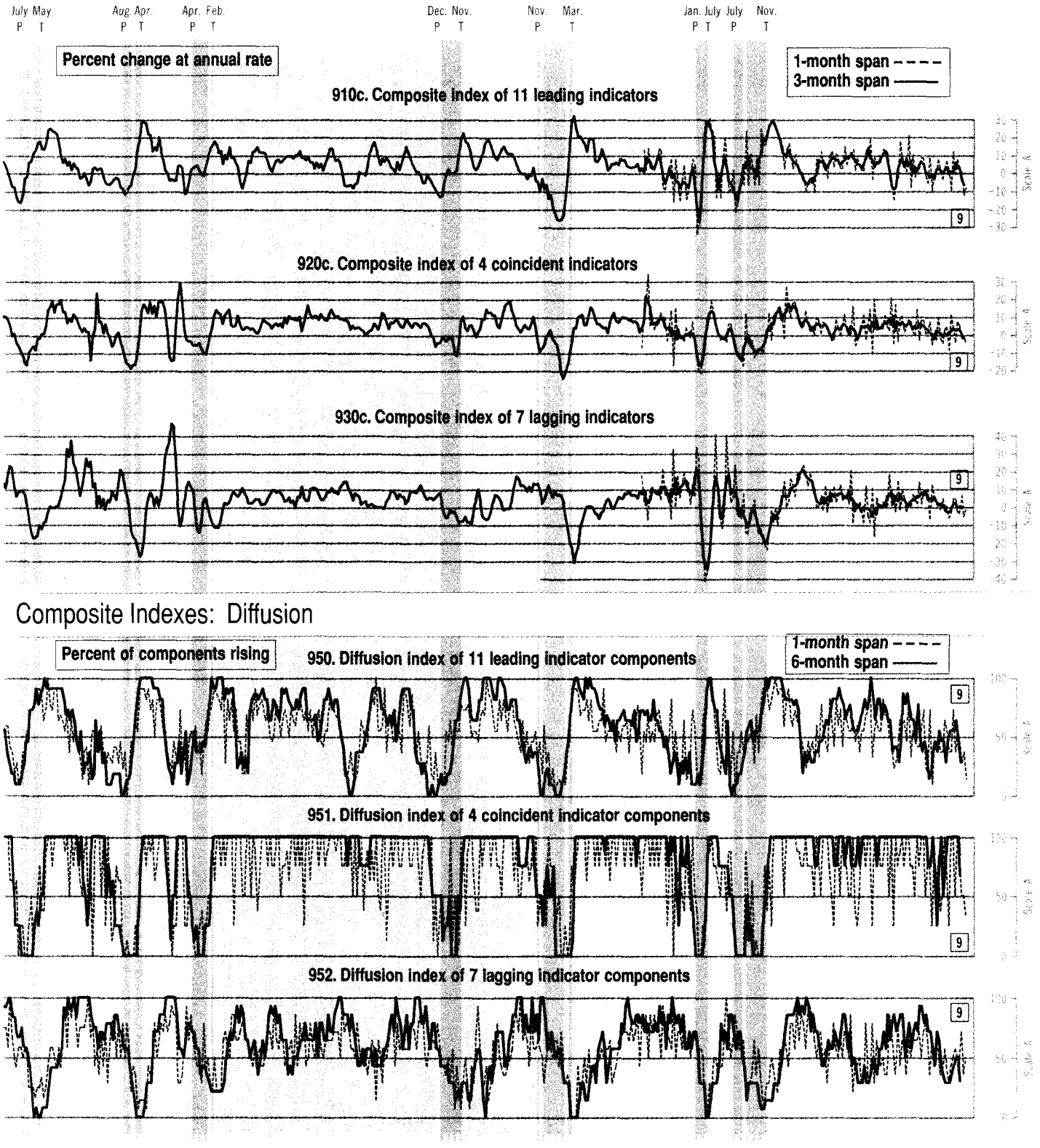
## Composite Indexes




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

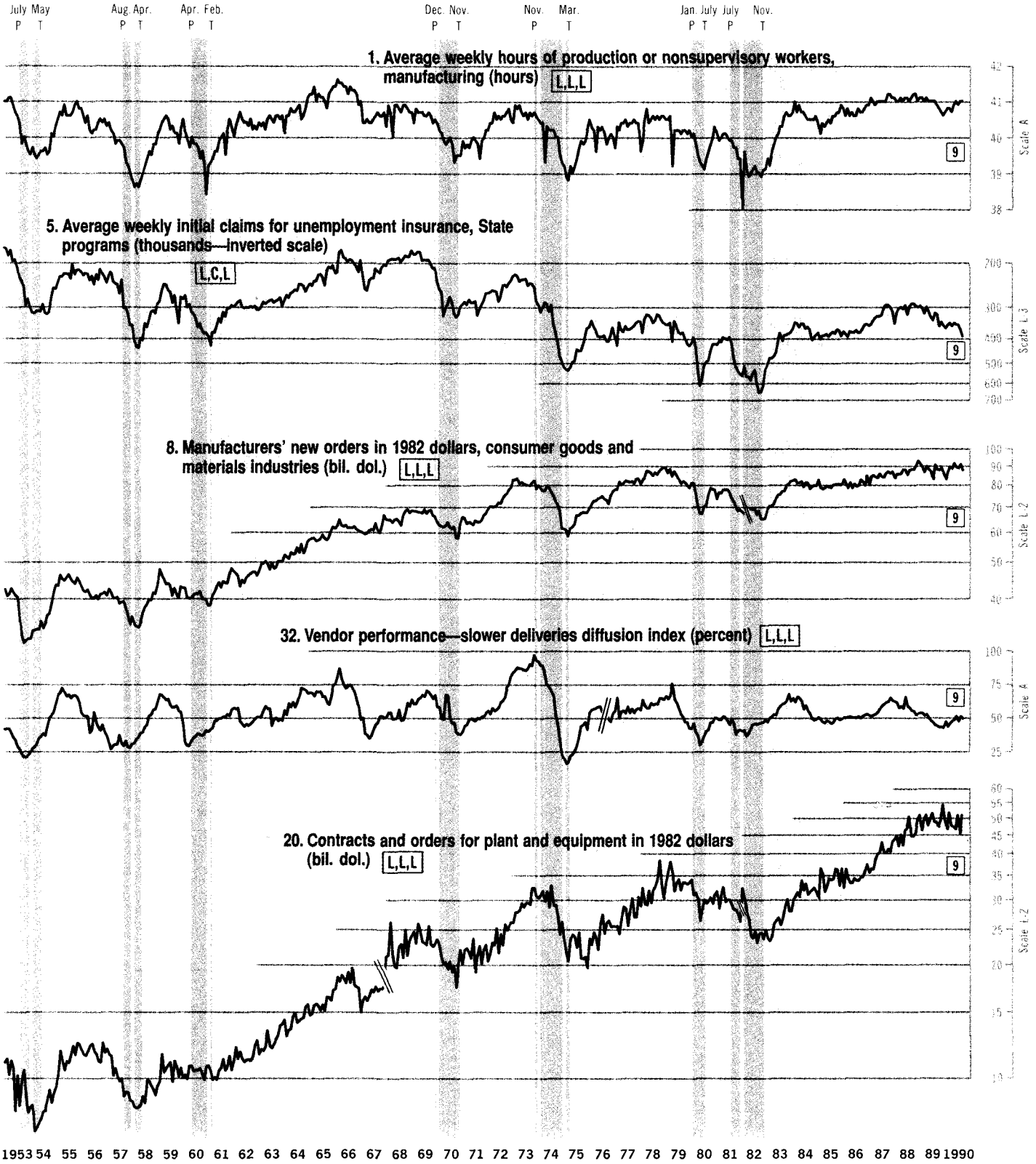
## Composite Indexes: Rates of Change




NOTE.—Current data for these series are shown on page C-1.

# CYCLICAL INDICATORS

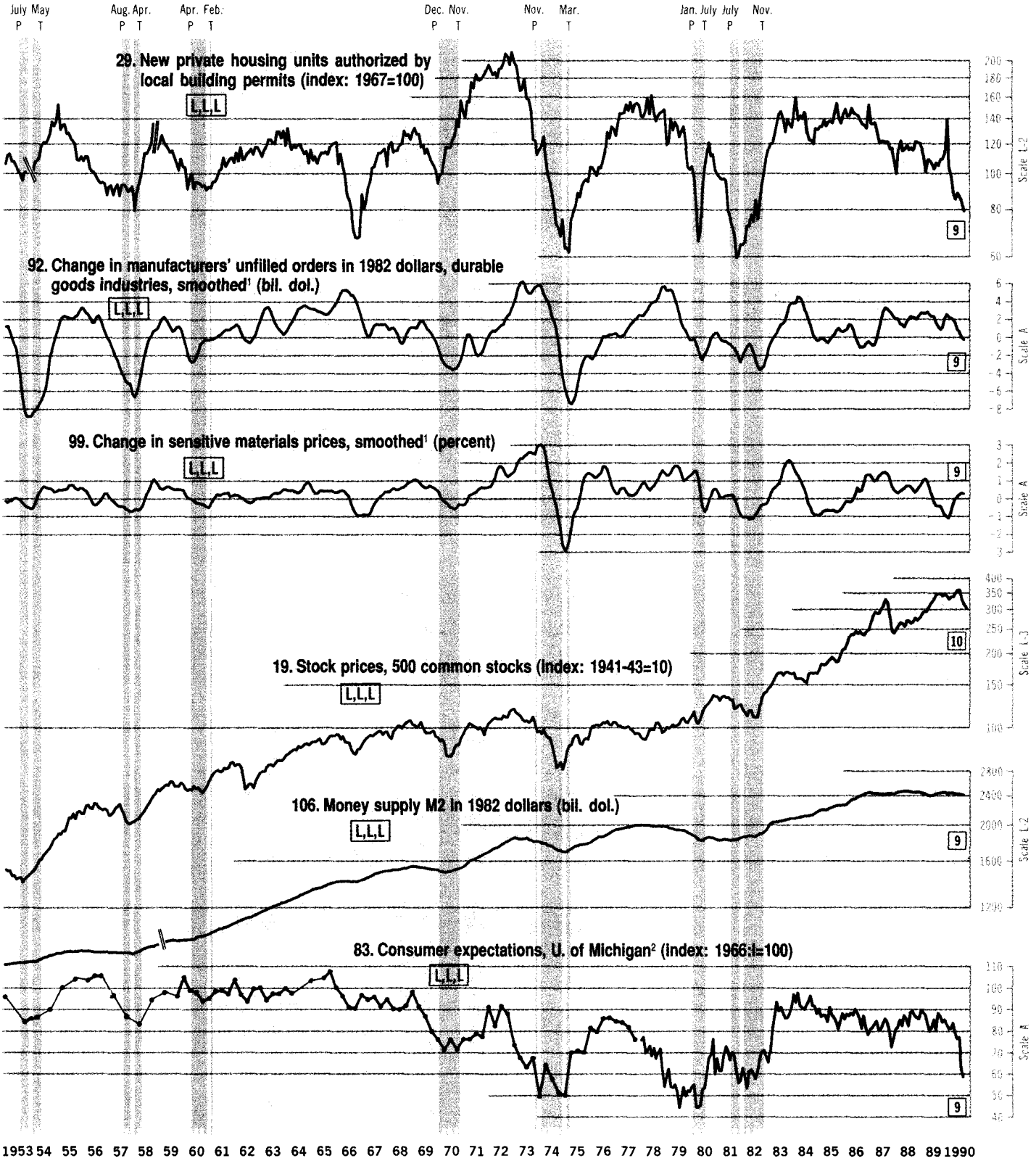
## Composite Indexes: Leading Index Components




NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

## Composite Indexes: Leading Index Components–Continued

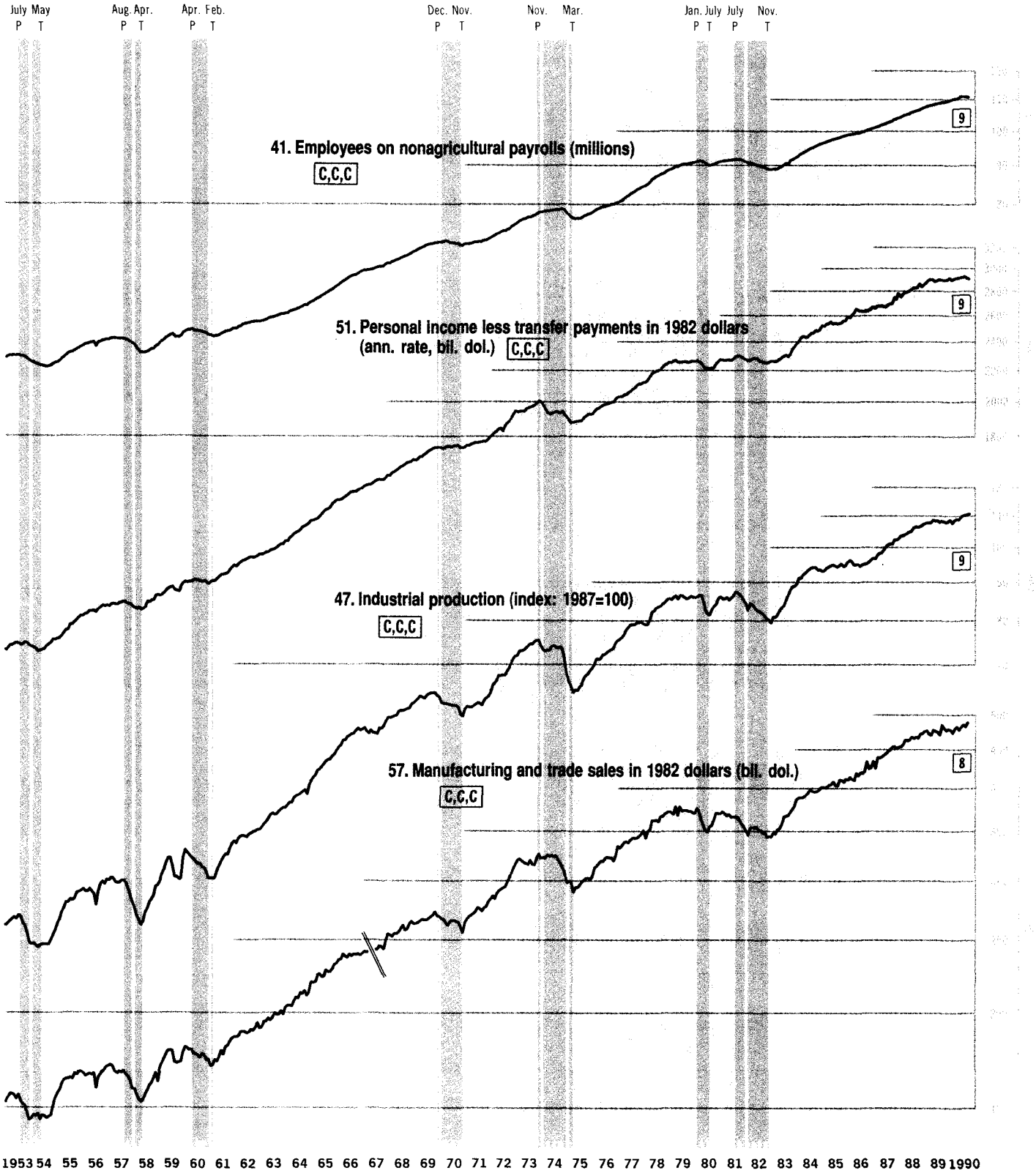



1. This series is smoothed by an autoregressive-moving-average filter developed by Statistics Canada.
2. *This is a copyrighted series used by permission; it may not be reproduced without written permission from the University of Michigan, Survey Research Center.*

NOTE.—Current data for these series are shown on pages C-2 and C-3.

# CYCLICAL INDICATORS

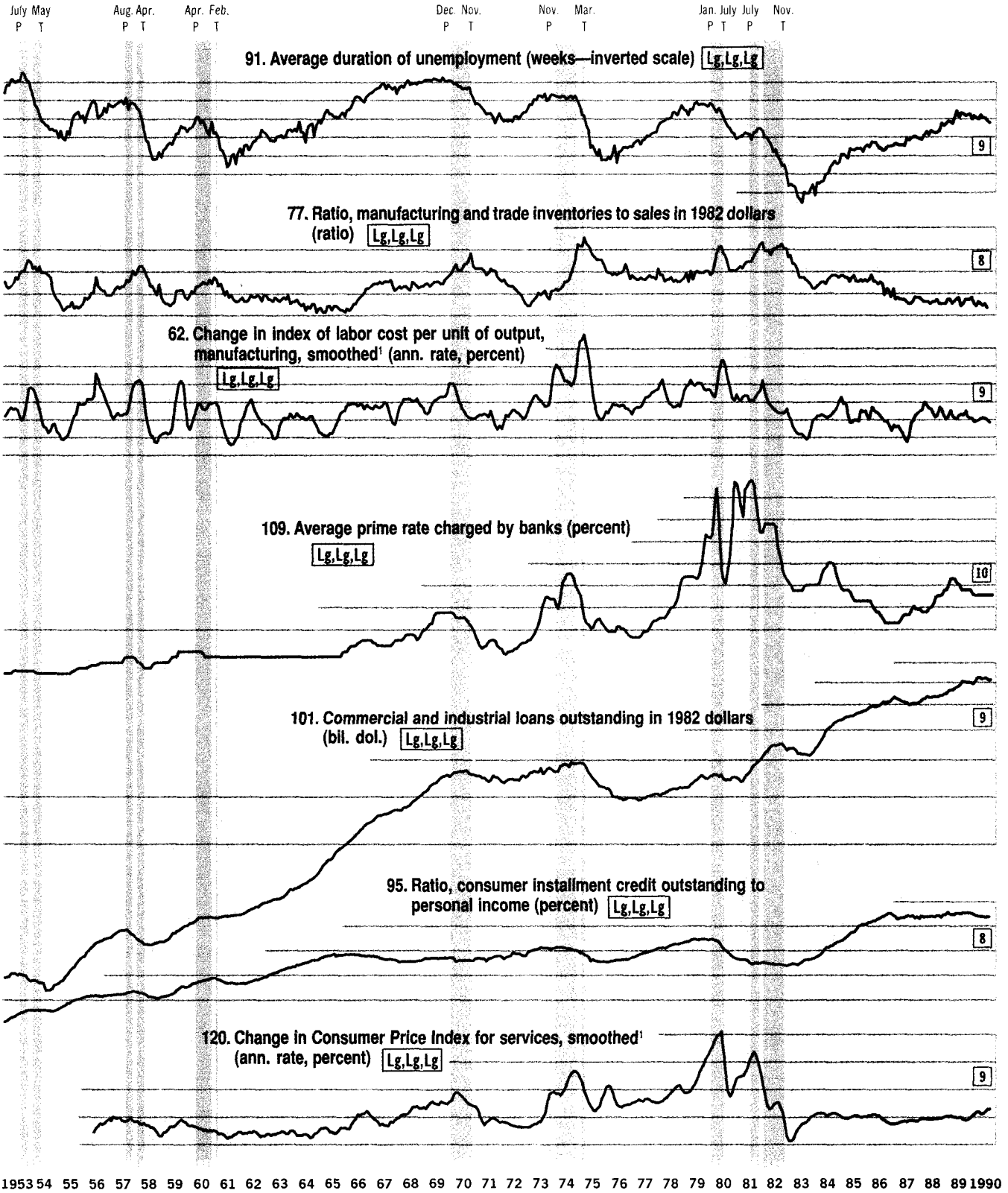
## Composite Indexes: Coincident Index Components




NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

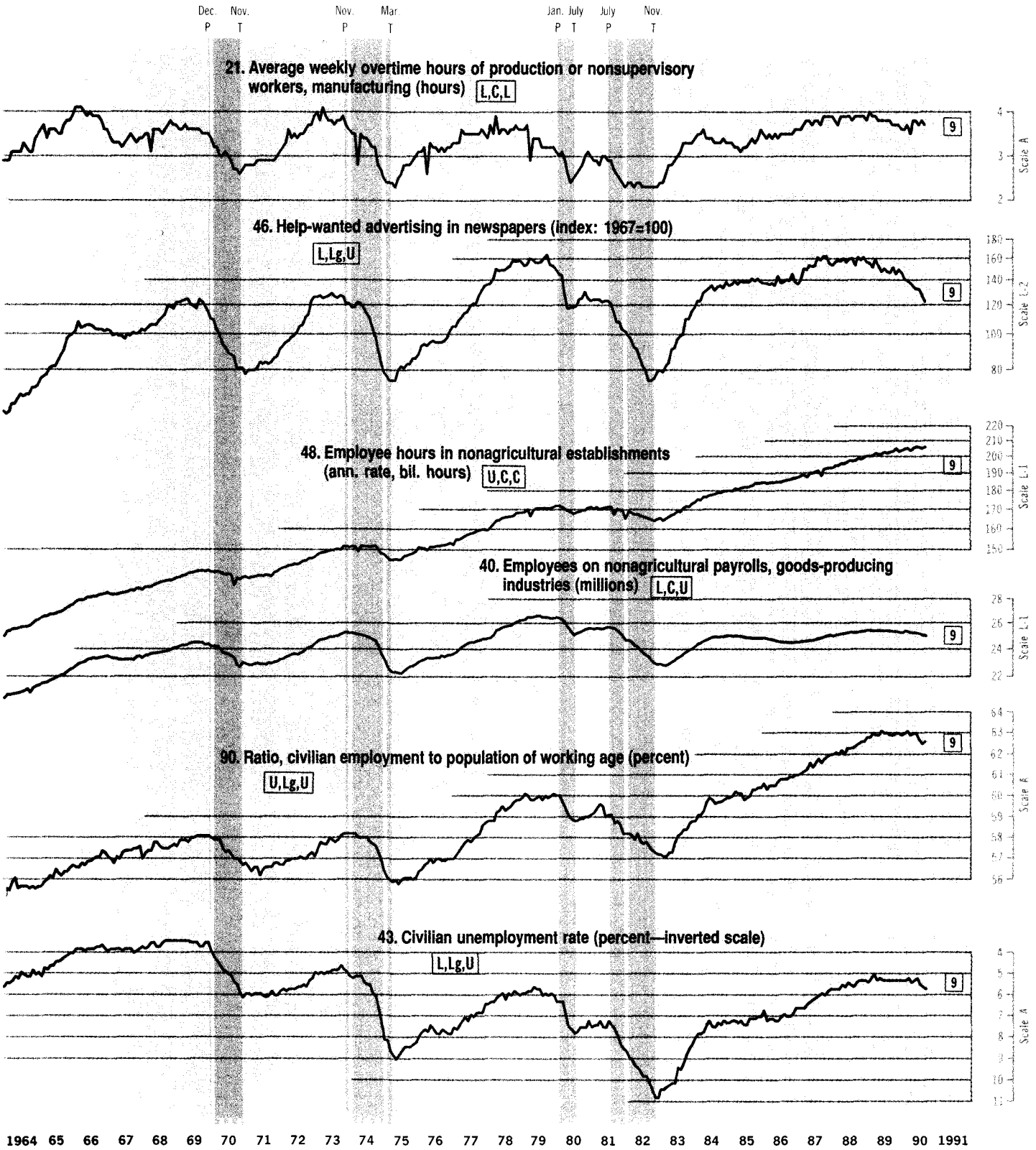
## Composite Indexes: Lagging Index Components




1. This series is smoothed by an autoregressive-moving-average filter developed by Statistics Canada.
NOTE.—Current data for these series are shown on pages C-2, C-3, and C-4.

# CYCLICAL INDICATORS

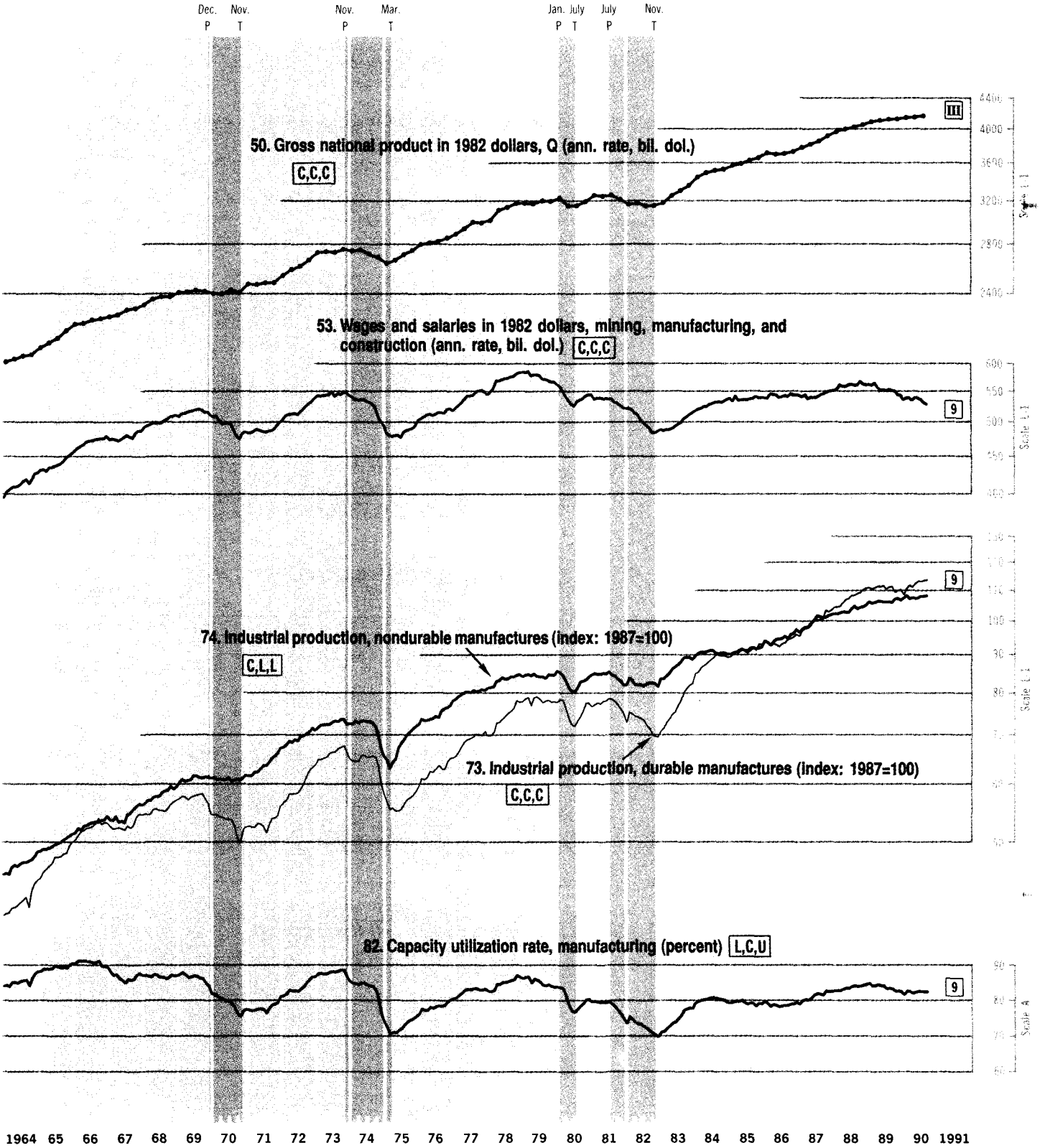
## Employment and Unemployment




NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

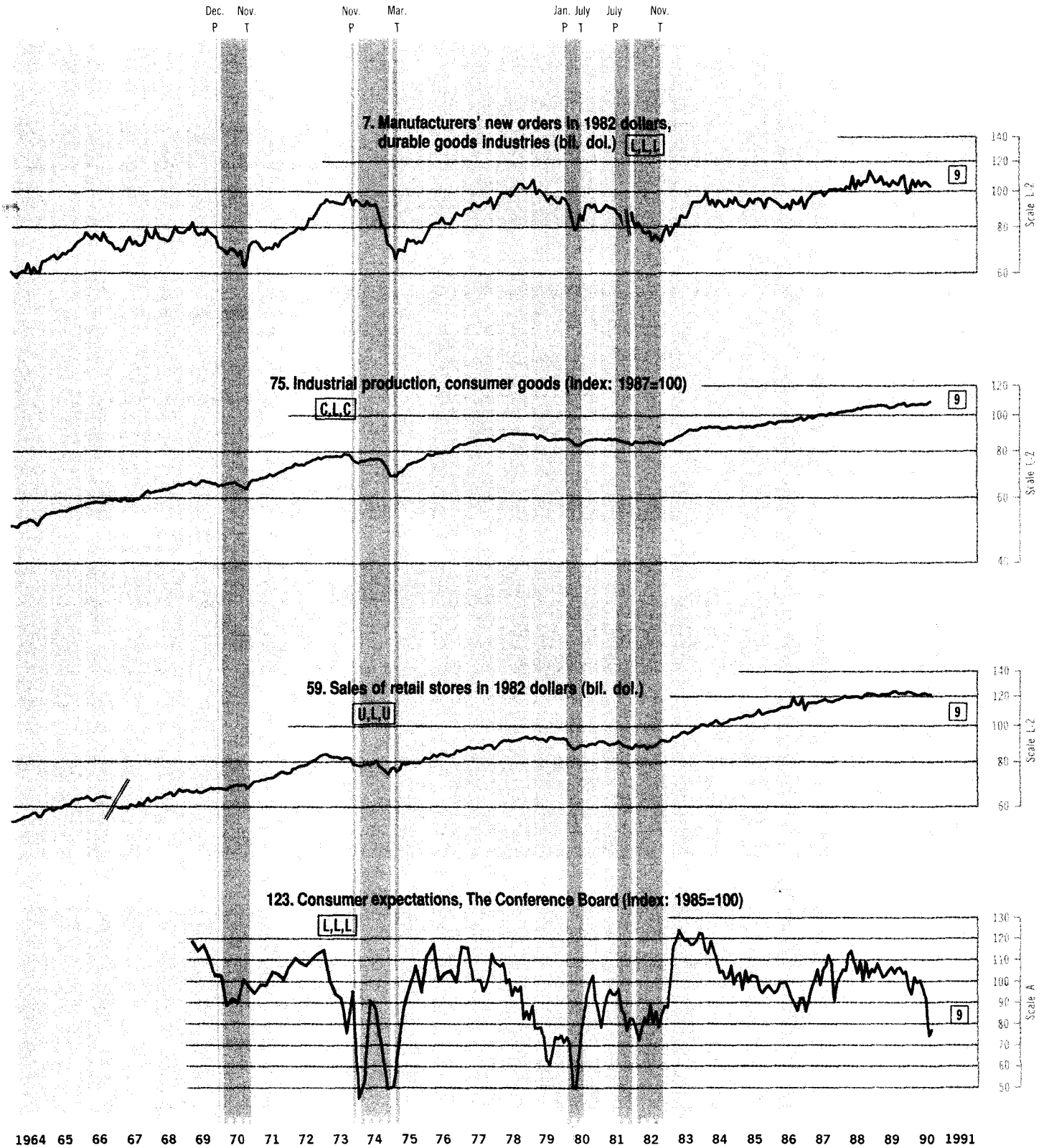
## Production and Income




NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

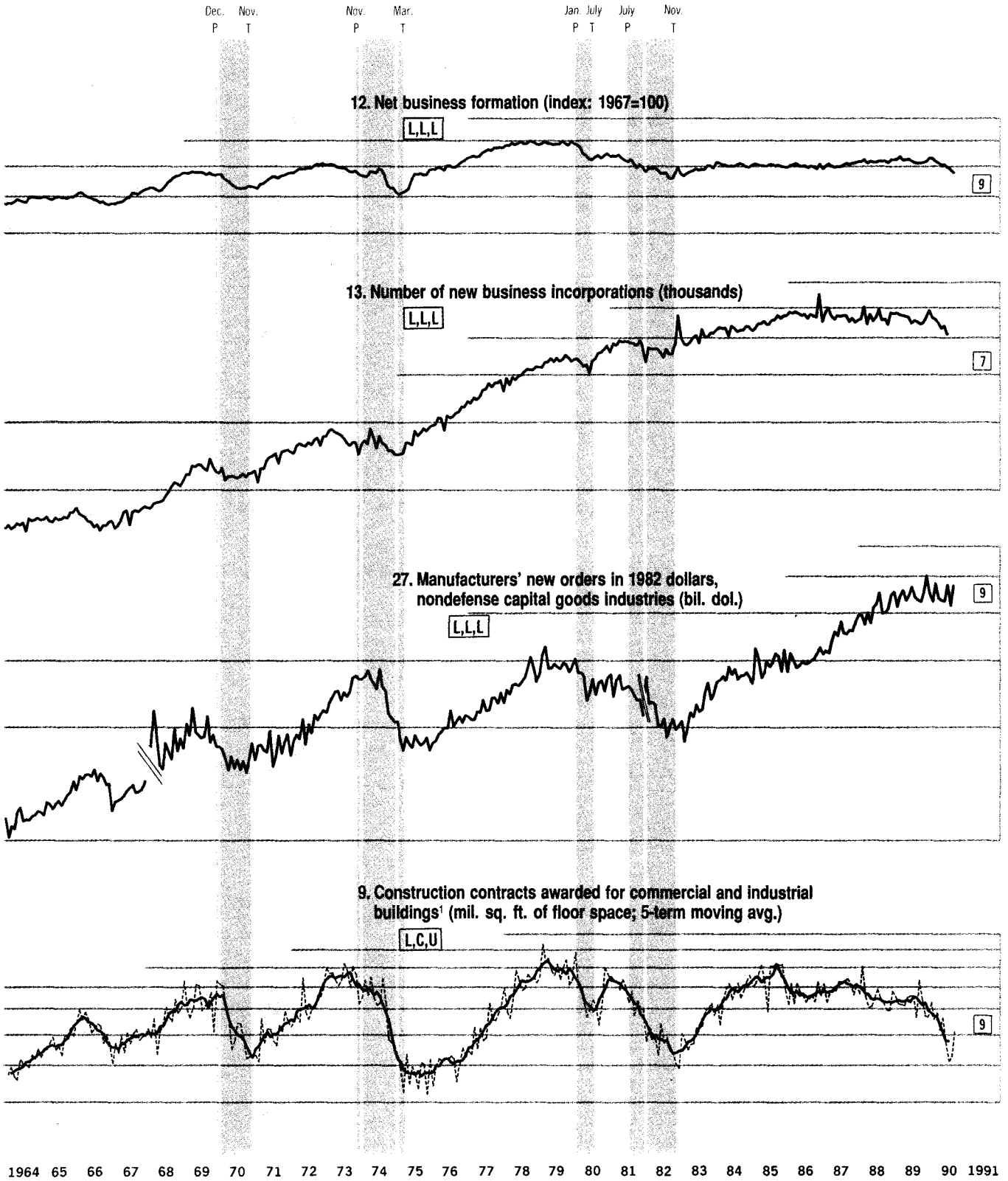
## Consumption, Trade, Orders, and Deliveries




NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

## Fixed Capital Investment

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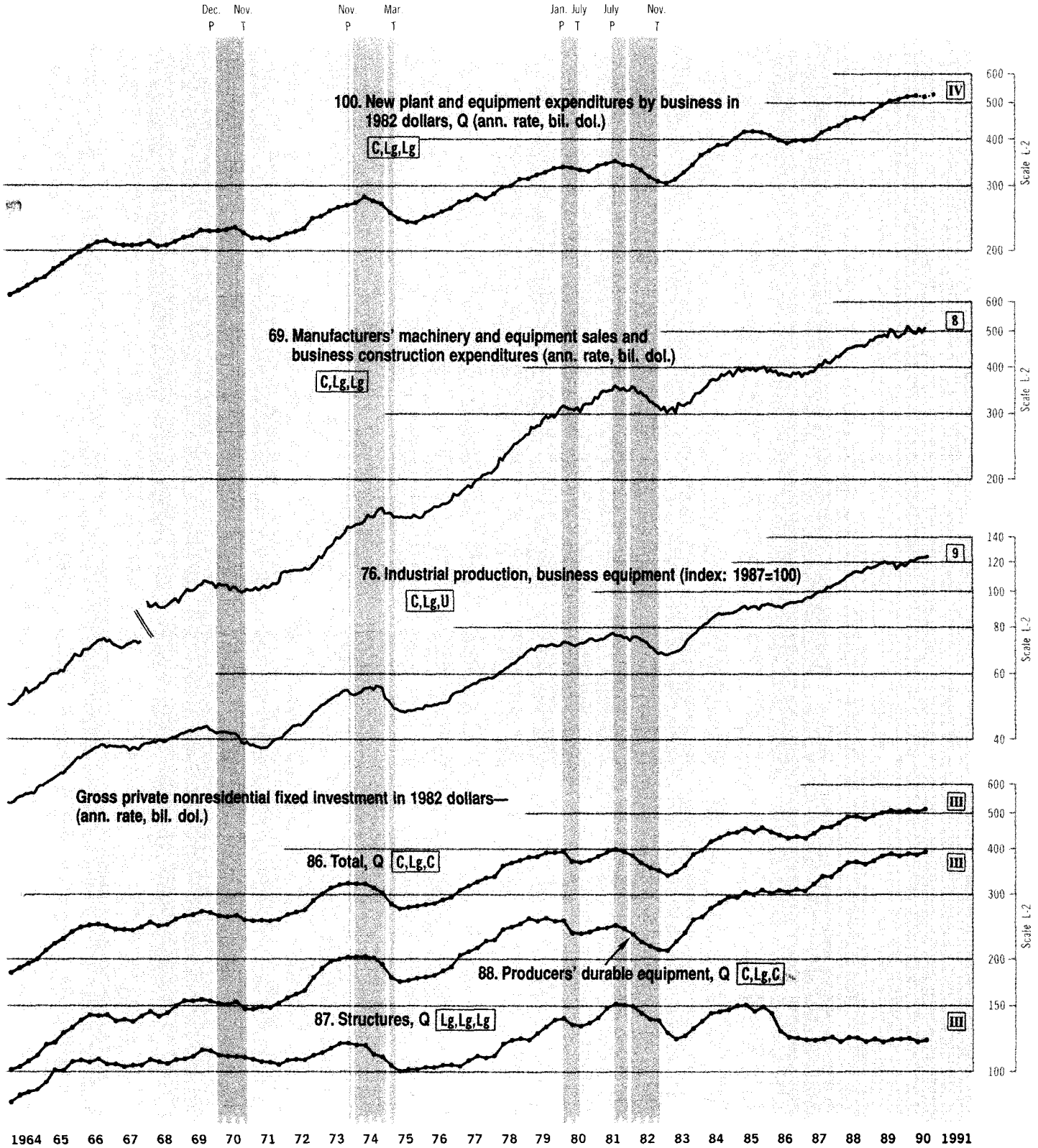
NOTE.—Current data for these series are shown on page C-2.

# CYCLICAL INDICATORS

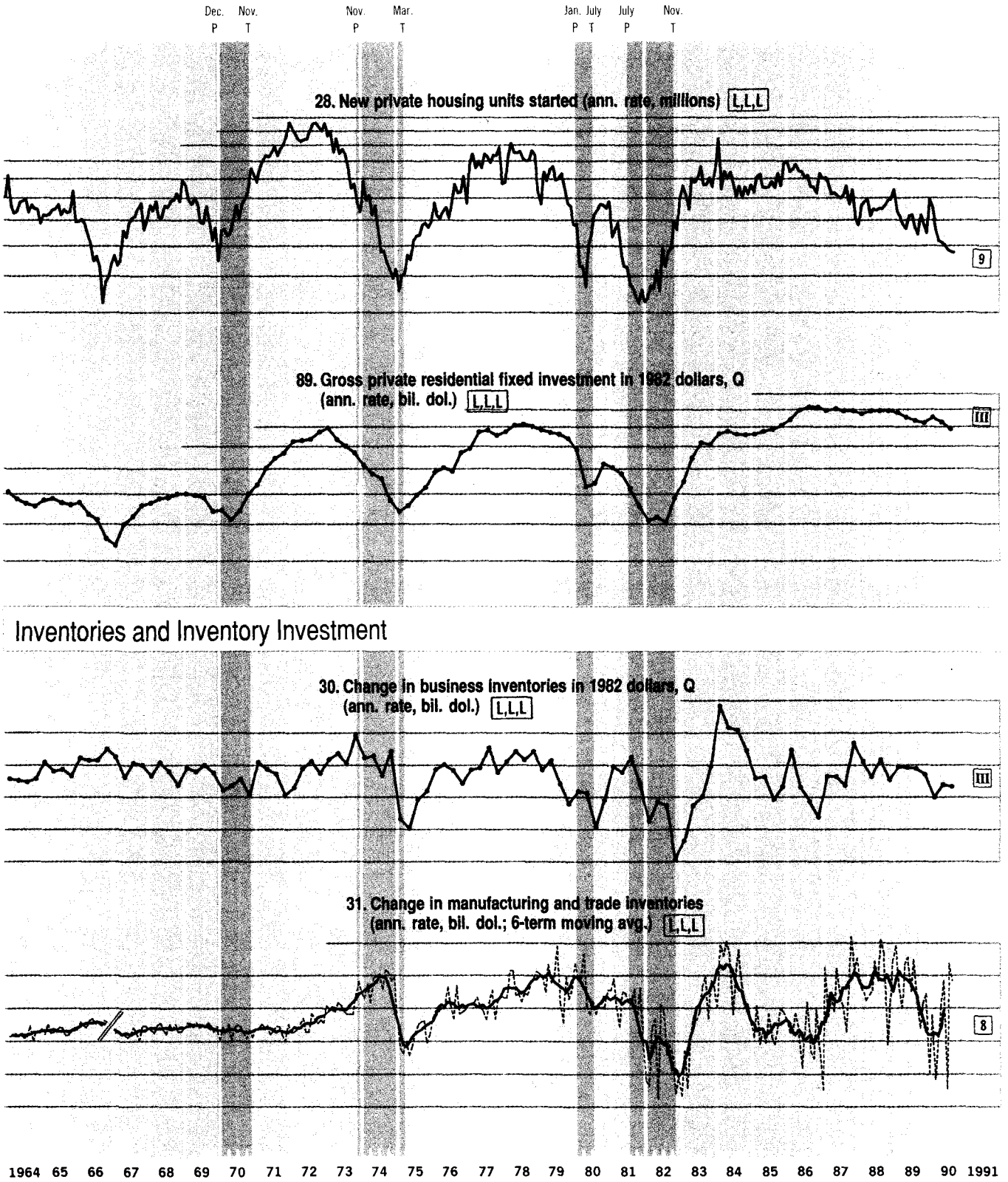
## Fixed Capital Investment–Continued




NOTE.—Current data for these series are shown on page C-3.

# CYCLICAL INDICATORS

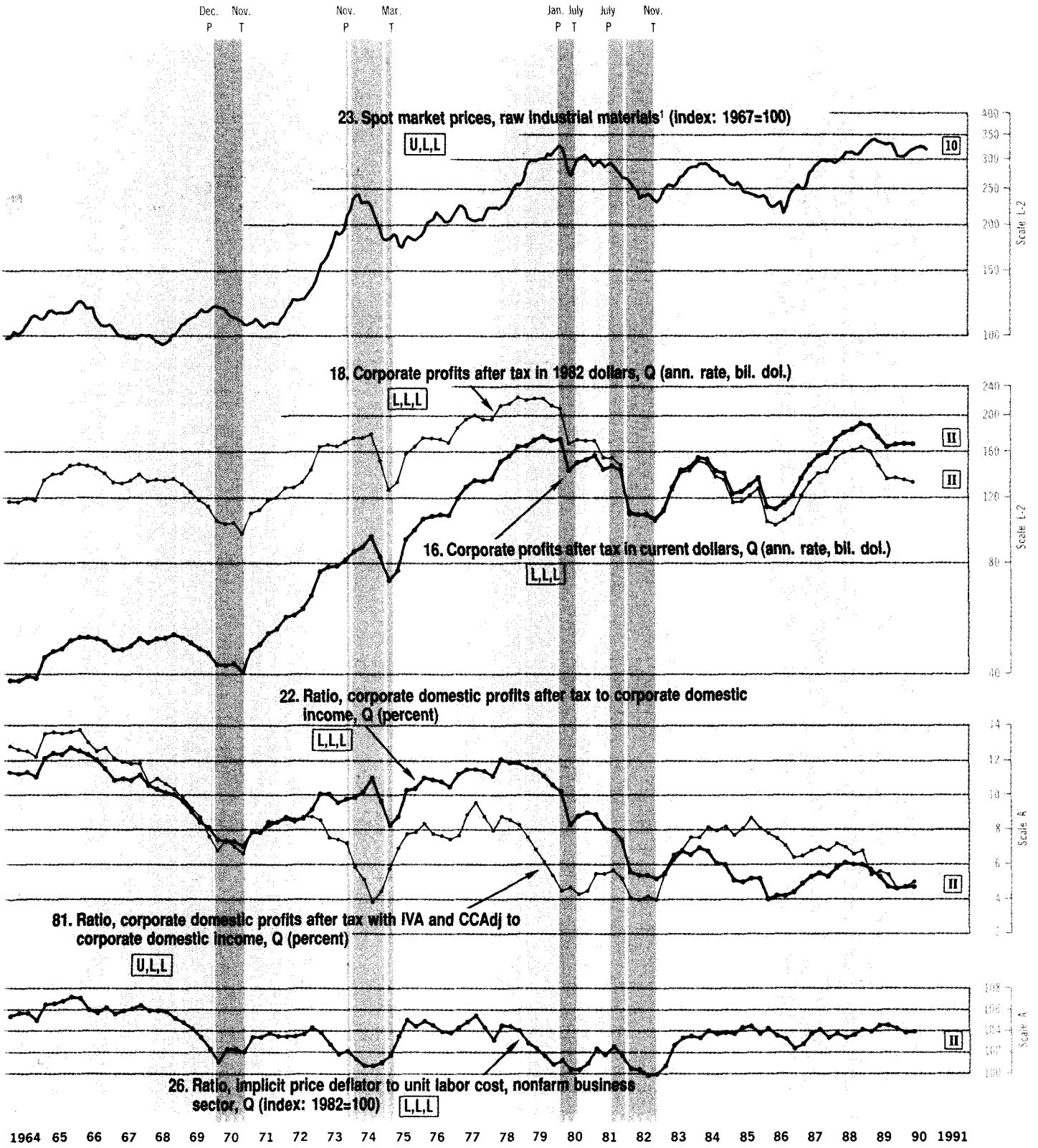
## Fixed Capital Investment–Continued




NOTE.—Current data for these series are shown on page C-3.

# CYCLICAL INDICATORS

## Prices, Costs, and Profits




IVA Inventory valuation adjustment. CCAdj Capital consumption adjustment.

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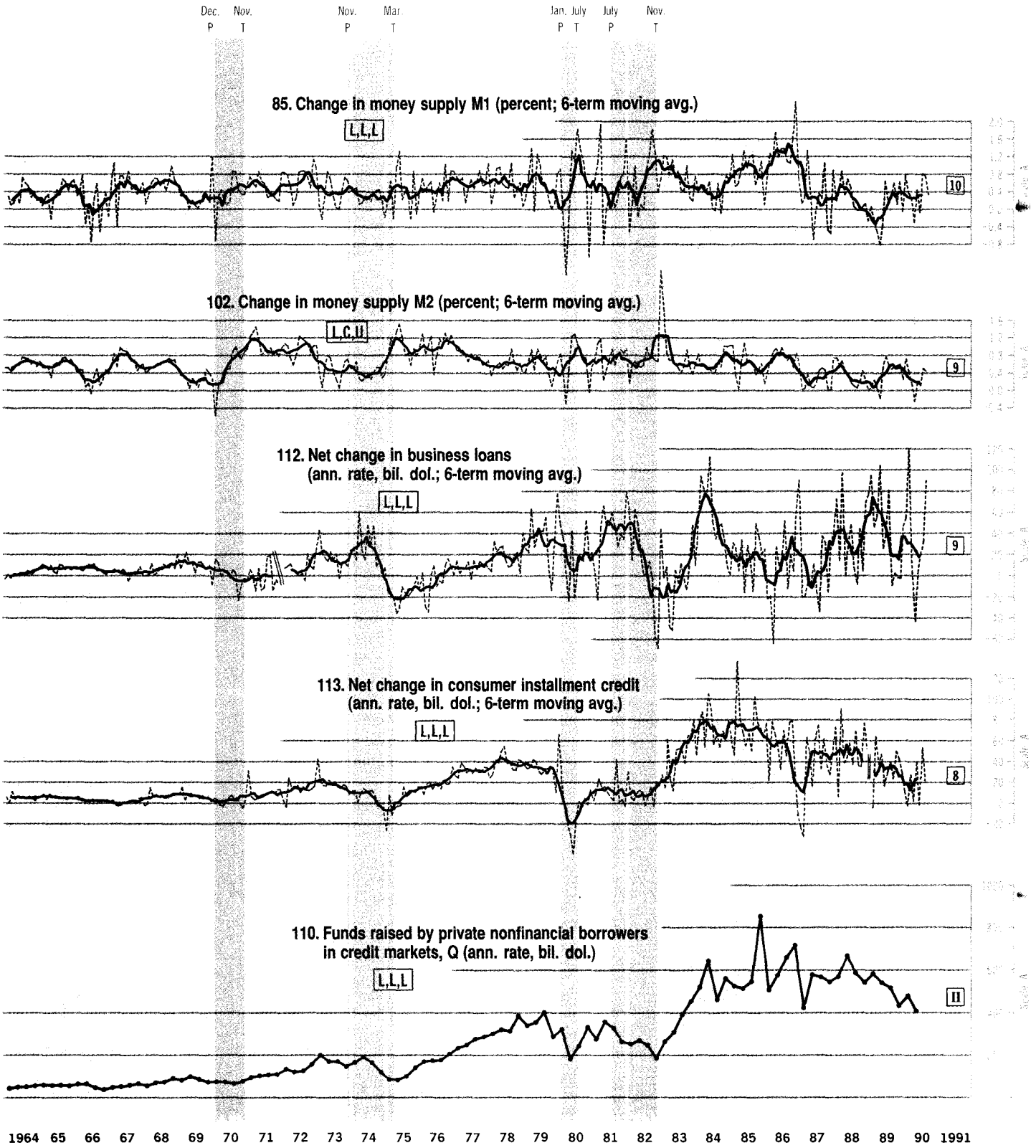
NOTE.—Current data for these series are shown on page C-3.

# CYCLICAL INDICATORS

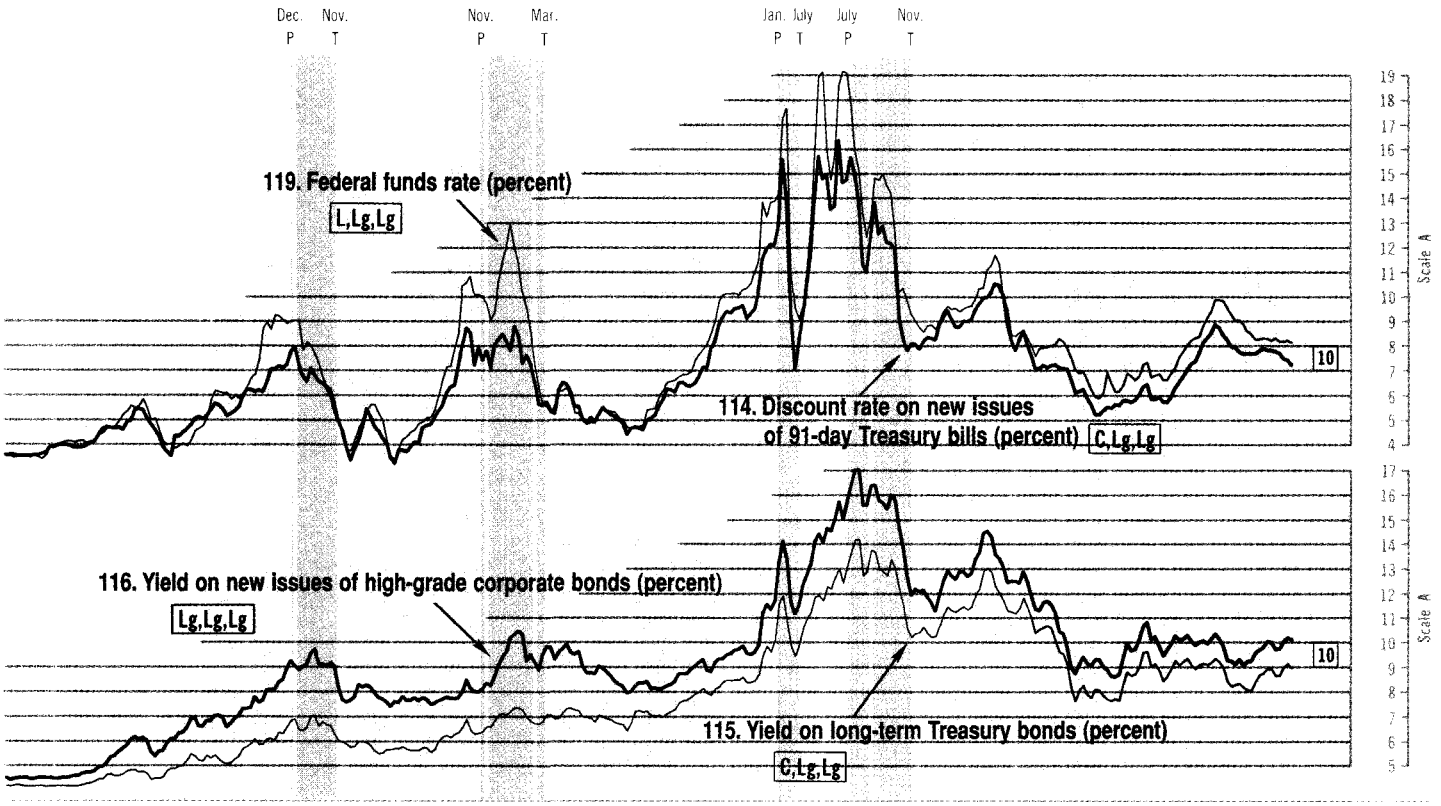
## Money and Credit



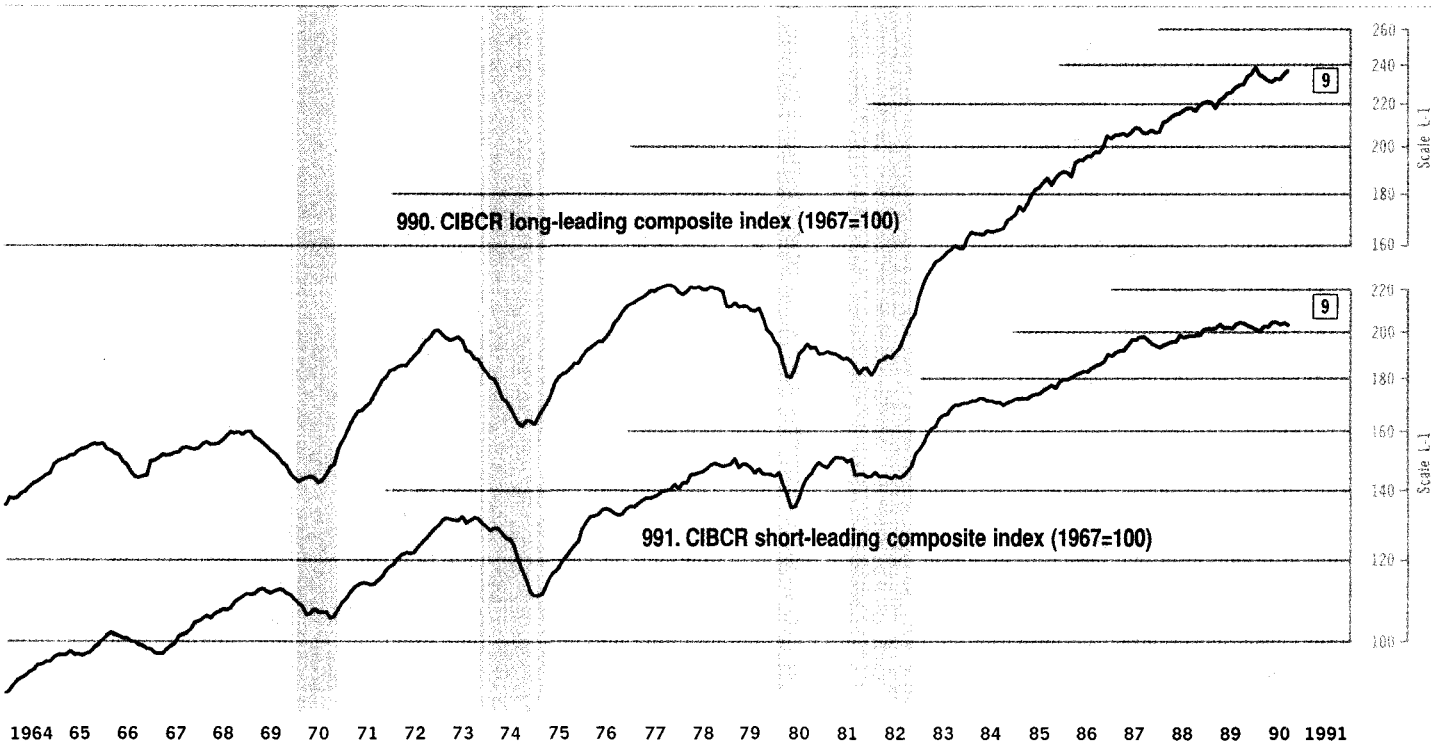

NOTE.—Current data for these series are shown on pages C-3 and C-4.

# CYCLICAL INDICATORS

## Money and Credit–Continued



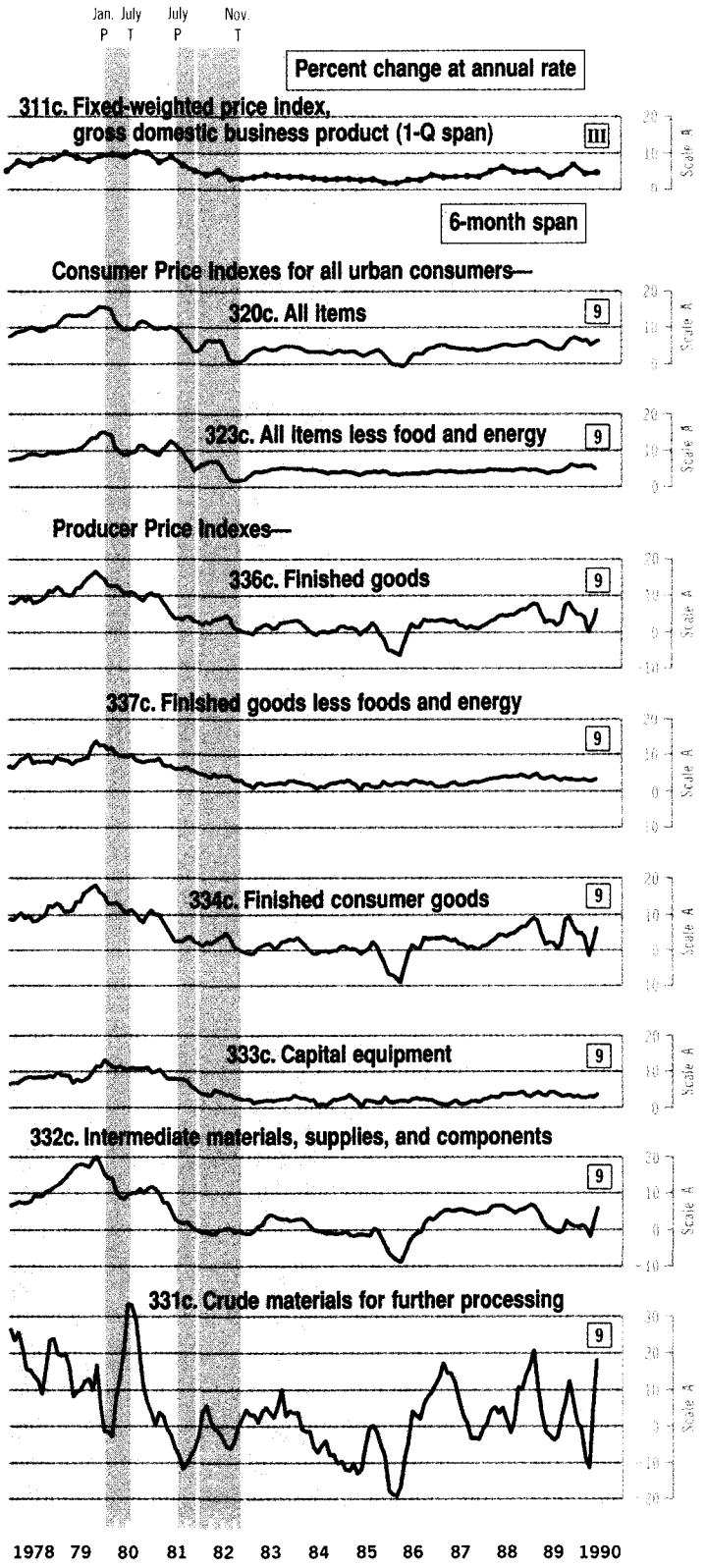

## Alternative Composite Indexes



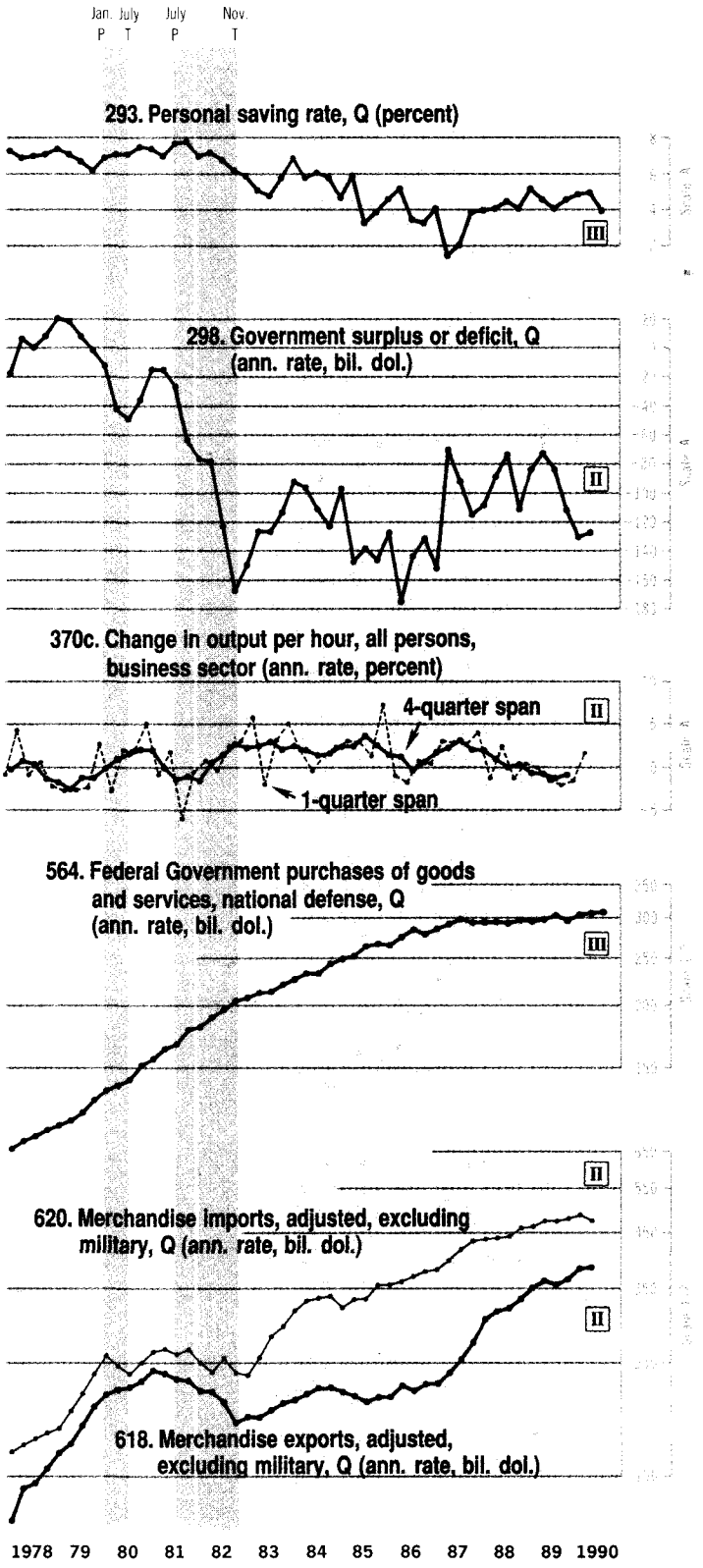

CIBCR Center for International Business Cycle Research (Columbia University).
NOTE.—Current data for these series are shown on page C-4.

# OTHER IMPORTANT ECONOMIC MEASURES

## Price Movements



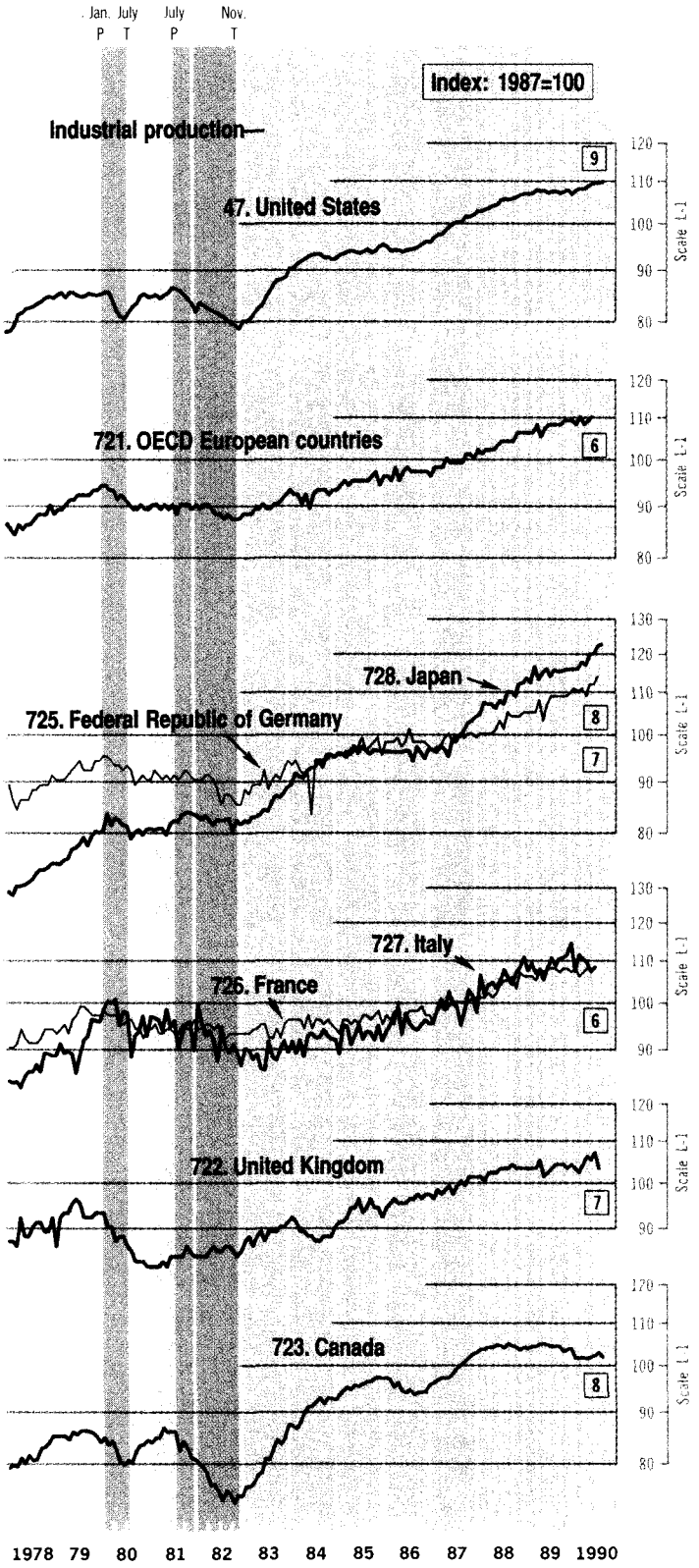

## Other Measures



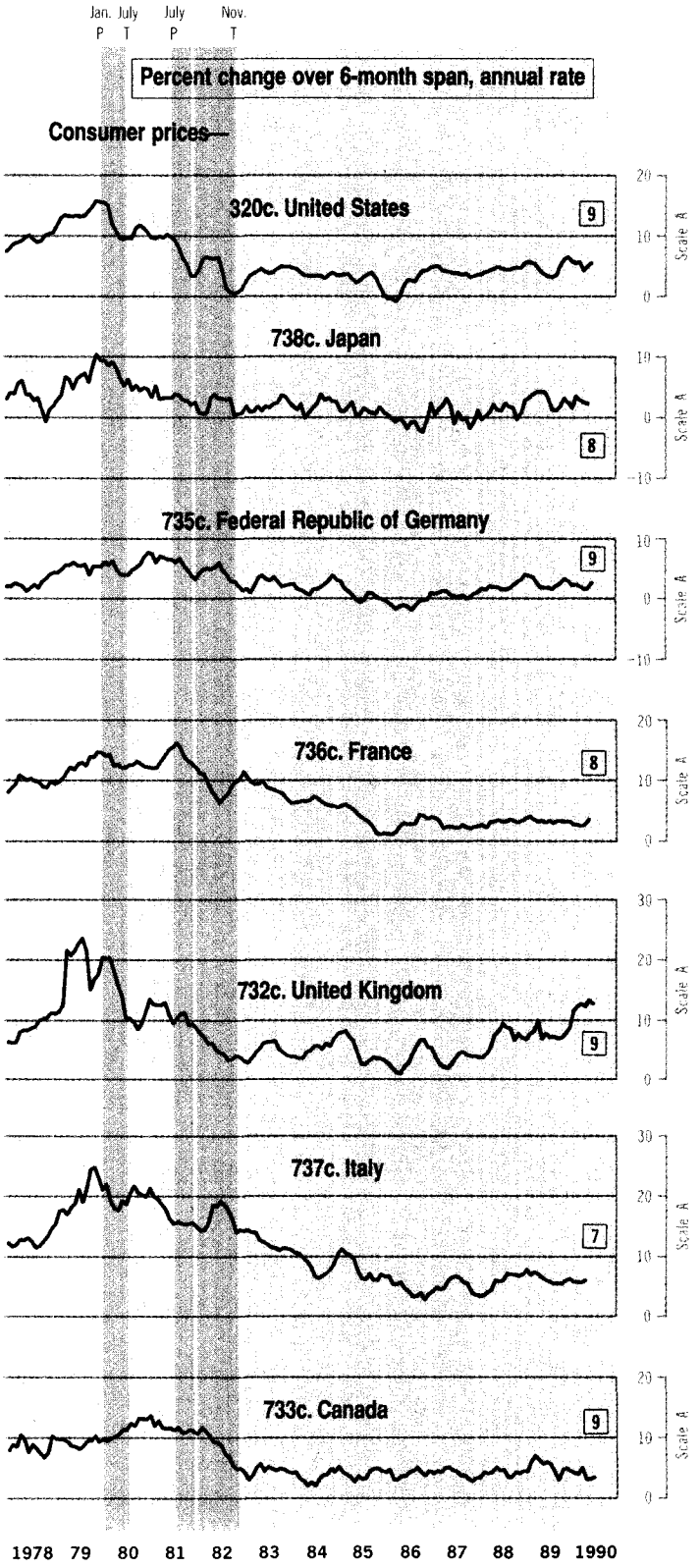

NOTE.—Current data for these series are shown on pages C-4 and C-5.

# OTHER IMPORTANT ECONOMIC MEASURES

## International Comparisons: Industrial Production



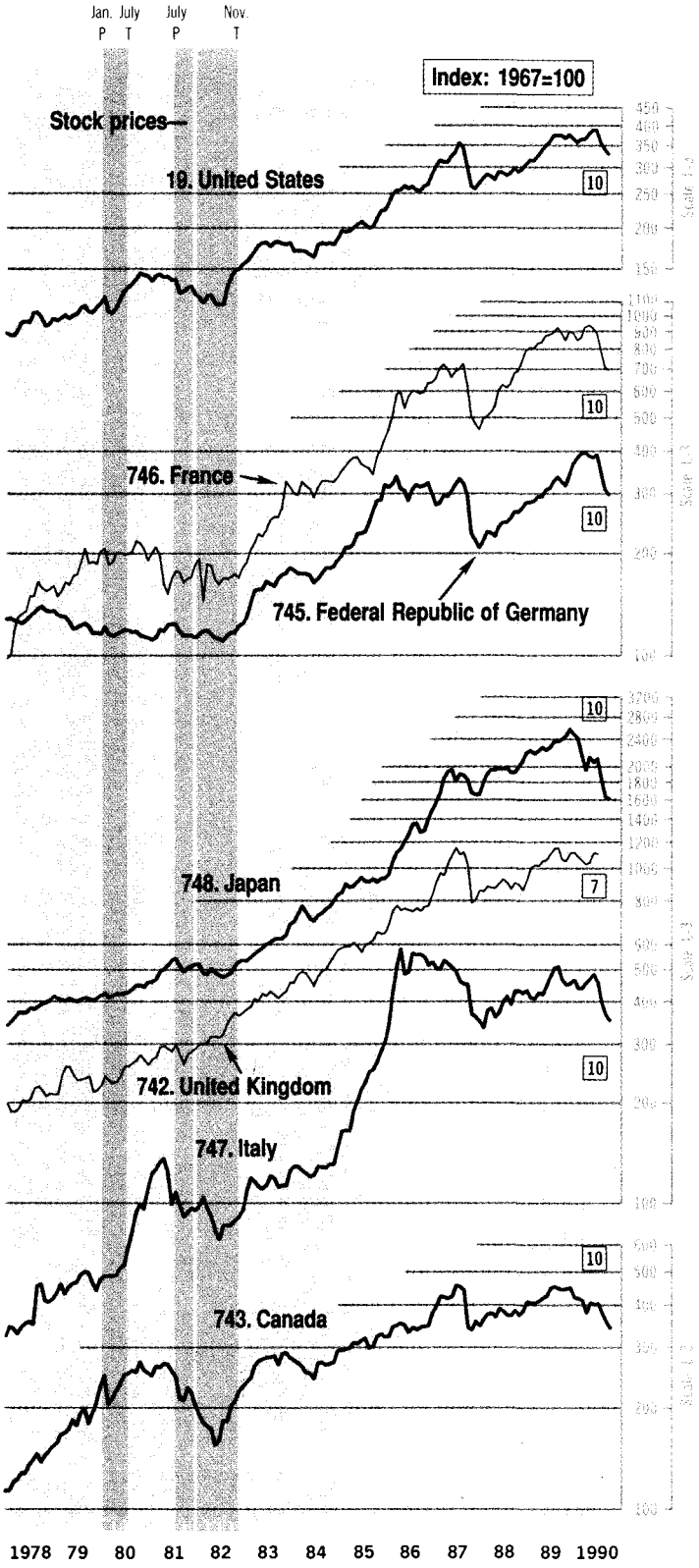

## International Comparisons: Consumer Prices



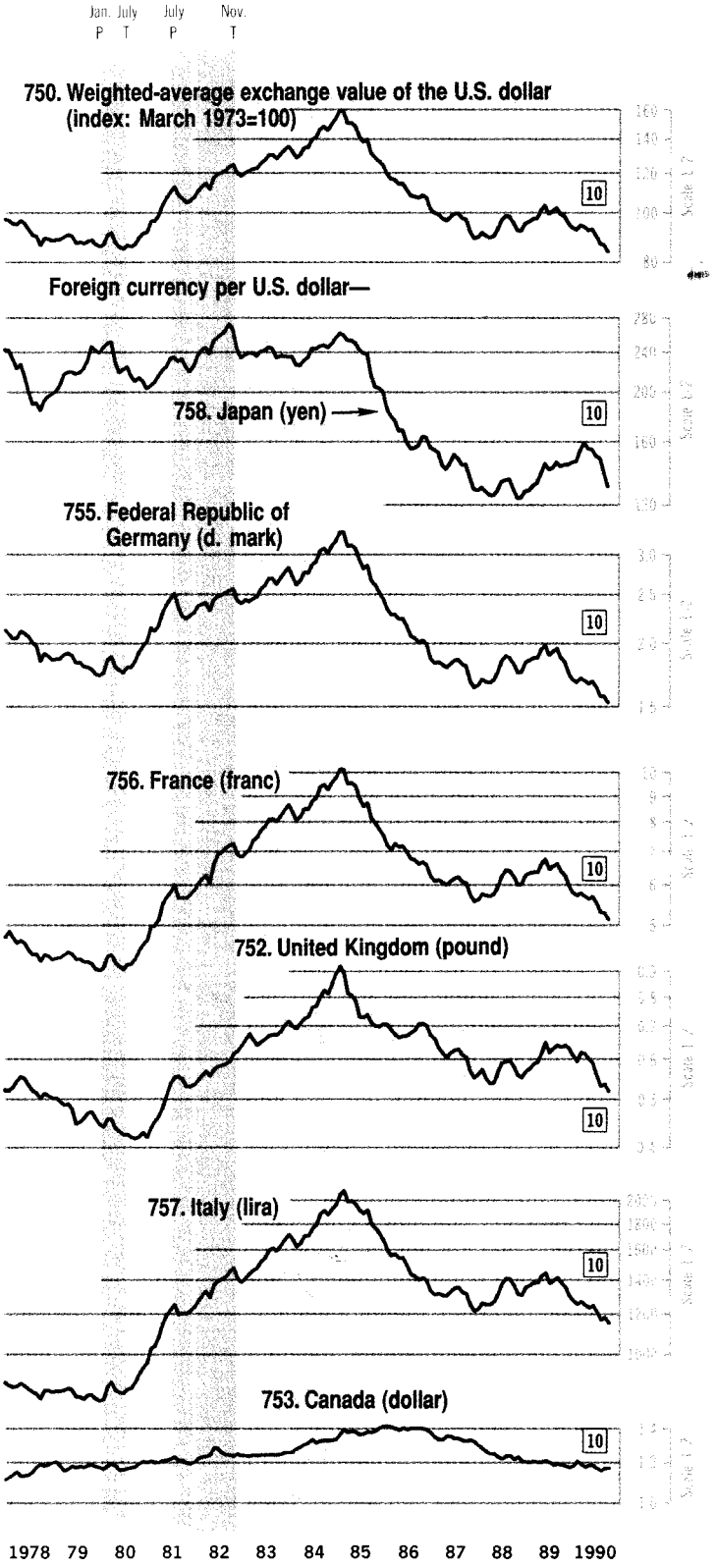

NOTE.—Current data for these series are shown on page C-5.

# OTHER IMPORTANT ECONOMIC MEASURES

## International Comparisons: Stock Prices




## International Comparisons: Exchange Rates




NOTE.—Current data for these series are shown on page C-5.

## Historical Data for Selected Series

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 910. Composite index of 11 leading indicators (1982=100) | | | | | | | | | | | | | |
| 1948 | 37.9 | 37.5 | 37.8 | 38.2 | 37.7 | 38.3 | 38.1 | 37.7 | 37.1 | 37.2 | 36.9 | 36.3 | 37.6 |
| 1949 | 35.7 | 35.5 | 35.3 | 34.8 | 34.9 | 34.8 | 35.5 | 36.3 | 37.4 | 37.6 | 38.3 | 38.9 | 36.2 |
| 1950 | 39.8 | 40.3 | 40.7 | 41.3 | 42.4 | 42.7 | 44.4 | 46.1 | 45.6 | 45.6 | 45.4 | 45.8 | 43.3 |
| 1951 | 46.9 | 46.2 | 45.9 | 44.7 | 44.2 | 42.9 | 42.0 | 41.2 | 41.3 | 41.3 | 41.0 | 41.2 | 43.2 |
| 1952 | 41.4 | 41.7 | 41.8 | 41.8 | 41.9 | 42.8 | 42.8 | 43.5 | 44.9 | 44.3 | 44.3 | 44.5 | 43.0 |
| 1953 | 44.8 | 44.9 | 44.8 | 44.7 | 44.4 | 43.8 | 43.7 | 42.7 | 41.8 | 41.7 | 41.3 | 41.4 | 43.3 |
| 1954 | 41.4 | 41.8 | 42.0 | 42.4 | 43.0 | 43.6 | 44.1 | 44.3 | 44.9 | 45.8 | 46.7 | 47.4 | 44.0 |
| 1955 | 48.2 | 49.1 | 49.7 | 49.9 | 50.2 | 50.3 | 50.8 | 50.6 | 51.0 | 50.9 | 51.2 | 51.3 | 50.3 |
| 1956 | 51.1 | 50.7 | 50.9 | 51.0 | 50.2 | 49.9 | 50.3 | 50.4 | 50.2 | 50.4 | 50.6 | 50.4 | 50.5 |
| 1957 | 50.0 | 49.8 | 49.5 | 49.1 | 49.1 | 49.0 | 48.7 | 48.6 | 47.9 | 47.5 | 47.0 | 46.6 | 48.6 |
| 1958 | 46.5 | 46.1 | 46.5 | 46.7 | 47.6 | 48.5 | 49.7 | 50.6 | 51.5 | 52.1 | 53.0 | 52.9 | 49.3 |
| 1959 | 53.8 | 54.5 | 55.3 | 55.3 | 55.4 | 55.4 | 55.2 | 54.7 | 54.8 | 54.5 | 54.0 | 55.2 | 54.8 |
| 1960 | 55.0 | 54.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.7 | 53.9 | 54.0 | 53.8 | 53.7 | 53.7 | 53.8 |
| 1961 | 54.2 | 54.6 | 55.4 | 56.1 | 56.8 | 57.4 | 57.5 | 58.4 | 58.0 | 58.8 | 59.4 | 59.9 | 57.2 |
| 1962 | 59.9 | 60.6 | 60.6 | 60.3 | 59.7 | 59.1 | 59.5 | 59.6 | 60.0 | 60.2 | 61.2 | 61.7 | 60.2 |
| 1963 | 62.2 | 62.8 | 63.3 | 63.8 | 64.3 | 64.2 | 64.1 | 64.3 | 64.8 | 65.1 | 65.4 | 65.6 | 64.2 |
| 1964 | 66.1 | 66.6 | 67.0 | 67.5 | 68.0 | 68.2 | 69.0 | 69.5 | 70.1 | 70.3 | 70.8 | 71.2 | 68.7 |
| 1965 | 71.7 | 71.7 | 72.1 | 72.0 | 72.6 | 72.5 | 72.8 | 72.7 | 73.3 | 74.1 | 74.9 | 75.6 | 73.0 |
| 1966 | 75.8 | 76.0 | 76.9 | 76.7 | 75.9 | 75.4 | 75.1 | 74.4 | 74.0 | 73.3 | 73.1 | 72.8 | 75.0 |
| 1967 | 73.3 | 72.9 | 72.6 | 72.9 | 73.6 | 74.5 | 75.4 | 76.5 | 76.7 | 76.9 | 77.2 | 78.1 | 75.0 |
| 1968 | 78.0 | 78.7 | 79.2 | 78.5 | 79.0 | 79.2 | 79.6 | 79.2 | 80.2 | 81.4 | 81.9 | 82.3 | 79.8 |
| 1969 | 83.1 | 82.9 | 82.7 | 83.1 | 82.9 | 82.3 | 81.8 | 81.7 | 81.9 | 81.1 | 80.5 | 80.2 | 82.0 |
| 1970 | 79.0 | 77.9 | 77.2 | 76.3 | 76.7 | 76.9 | 76.6 | 76.6 | 76.7 | 76.5 | 76.9 | 78.7 | 77.2 |
| 1971 | 79.8 | 80.8 | 81.8 | 82.8 | 83.2 | 83.3 | 83.3 | 83.4 | 83.9 | 84.6 | 85.4 | 87.0 | 83.3 |
| 1972 | 88.1 | 89.0 | 89.9 | 90.3 | 90.8 | 91.4 | 92.5 | 93.6 | 94.5 | 95.0 | 95.9 | 96.8 | 92.3 |
| 1973 | 97.3 | 97.8 | 97.8 | 97.6 | 97.6 | 97.5 | 97.4 | 96.6 | 97.0 | 96.9 | 97.2 | 95.8 | 97.2 |
| 1974 | 95.5 | 94.4 | 94.9 | 93.1 | 92.7 | 91.1 | 90.0 | 87.7 | 85.3 | 83.4 | 81.1 | 79.1 | 89.0 |
| 1975 | 78.0 | 78.0 | 78.7 | 81.2 | 83.1 | 84.3 | 85.7 | 86.9 | 88.2 | 89.2 | 90.1 | 90.6 | 84.5 |
| 1976 | 93.0 | 94.0 | 94.4 | 94.4 | 95.3 | 96.1 | 97.3 | 97.4 | 97.7 | 97.5 | 98.0 | 98.8 | 96.2 |
| 1977 | 98.5 | 99.3 | 99.7 | 100.3 | 100.8 | 101.3 | 101.1 | 101.5 | 101.9 | 101.8 | 102.3 | 103.1 | 101.0 |
| 1978 | 101.9 | 102.9 | 103.0 | 104.1 | 104.3 | 104.5 | 104.6 | 105.0 | 106.1 | 107.1 | 106.3 | 105.4 | 104.6 |
| 1979 | 105.3 | 105.5 | 106.1 | 104.5 | 105.1 | 104.6 | 103.1 | 102.7 | 103.0 | 101.6 | 100.8 | 100.6 | 103.6 |
| 1980 | 101.2 | 101.5 | 98.0 | 95.3 | 93.6 | 94.9 | 96.9 | 98.9 | 101.1 | 102.5 | 104.1 | 102.8 | 99.2 |
| 1981 | 102.8 | 101.5 | 102.0 | 103.5 | 103.7 | 102.7 | 102.0 | 102.1 | 100.0 | 98.5 | 97.8 | 97.8 | 101.2 |
| 1982 | 97.2 | 98.9 | 98.3 | 99.1 | 99.4 | 98.8 | 99.4 | 98.8 | 100.6 | 101.8 | 103.0 | 104.7 | 100.0 |
| 1983 | 106.8 | 109.1 | 111.4 | 113.5 | 115.3 | 116.9 | 118.2 | 118.4 | 119.6 | 121.1 | 121.9 | 122.1 | 116.2 |
| 1984 | 123.1 | 123.4 | 123.3 | 123.3 | 123.0 | 121.8 | 121.3 | 120.9 | 120.6 | 119.4 | 120.1 | 120.3 | 121.7 |
| 1985 | 121.4 | 121.7 | 122.2 | 121.8 | 122.7 | 123.8 | 124.1 | 125.1 | 125.8 | 126.0 | 126.2 | 127.6 | 124.0 |
| 1986 | 128.0 | 128.9 | 129.9 | 131.2 | 131.3 | 132.1 | 132.6 | 132.7 | 132.8 | 134.1 | 135.2 | 137.1 | 132.2 |
| 1987 | 136.6 | 137.5 | 138.0 | 138.5 | 139.2 | 140.6 | 141.9 | 143.1 | 143.2 | 142.2 | 140.2 | 139.5 | 140.0 |
| 1988 | 139.1 | 140.9 | 141.4 | 141.8 | 141.8 | 144.0 | 142.9 | 144.0 | 143.6 | 143.9 | 144.1 | 145.0 | 142.7 |
| 1989 | 145.9 | 145.6 | 144.8 | 145.7 | 144.4 | 144.2 | 144.1 | 144.9 | 144.9 | 144.4 | 144.6 | 145.3 | 144.9 |
| 920. Composite index of 4 coincident indicators (1982=100) | | | | | | | | | | | | | |
| 1948 | 38.4 | 38.1 | 38.3 | 38.1 | 38.5 | 39.2 | 39.3 | 39.4 | 39.3 | 39.4 | 39.0 | 38.6 | 38.8 |
| 1949 | 37.8 | 37.4 | 37.0 | 36.7 | 36.1 | 36.0 | 35.3 | 35.8 | 36.4 | 34.7 | 35.4 | 35.7 | 36.2 |
| 1950 | 36.4 | 36.3 | 37.3 | 38.2 | 39.2 | 40.0 | 41.7 | 42.9 | 42.4 | 42.6 | 42.5 | 43.5 | 40.2 |
| 1951 | 43.9 | 43.8 | 44.1 | 44.2 | 44.3 | 44.3 | 43.7 | 44.0 | 43.9 | 44.1 | 44.2 | 44.3 | 44.1 |
| 1952 | 44.3 | 45.0 | 44.9 | 44.8 | 44.9 | 44.6 | 43.8 | 45.8 | 47.0 | 47.7 | 47.9 | 48.4 | 45.8 |
| 1953 | 48.6 | 49.0 | 49.5 | 49.5 | 49.5 | 49.3 | 49.5 | 48.8 | 48.4 | 48.2 | 47.2 | 46.3 | 48.6 |
| 1954 | 45.9 | 45.9 | 45.3 | 45.1 | 44.8 | 45.0 | 44.8 | 44.8 | 45.0 | 45.3 | 46.2 | 46.6 | 45.4 |
| 1955 | 47.2 | 47.5 | 48.4 | 49.0 | 49.6 | 49.8 | 50.4 | 50.3 | 50.8 | 51.2 | 51.6 | 51.9 | 49.8 |
| 1956 | 52.0 | 52.0 | 52.0 | 52.4 | 52.1 | 52.1 | 50.3 | 51.9 | 52.4 | 52.9 | 52.7 | 53.2 | 52.2 |
| 1957 | 52.9 | 53.4 | 53.2 | 52.6 | 52.4 | 52.5 | 52.5 | 52.5 | 51.9 | 51.3 | 50.6 | 49.6 | 52.1 |
| 1958 | 48.9 | 47.9 | 47.3 | 46.6 | 46.7 | 47.3 | 48.0 | 48.5 | 48.9 | 49.3 | 50.5 | 50.2 | 48.3 |
| 1959 | 51.1 | 51.6 | 52.3 | 53.2 | 53.7 | 53.9 | 53.5 | 51.8 | 51.7 | 51.4 | 52.1 | 53.9 | 52.5 |
| 1960 | 54.7 | 54.5 | 54.2 | 54.2 | 53.9 | 53.6 | 53.3 | 53.0 | 52.7 | 52.6 | 51.8 | 51.2 | 53.3 |
| 1961 | 51.0 | 50.8 | 51.1 | 51.4 | 52.0 | 52.7 | 52.8 | 53.3 | 53.4 | 54.1 | 54.8 | 55.1 | 52.7 |
| 1962 | 54.7 | 55.3 | 55.7 | 56.0 | 56.0 | 56.0 | 56.3 | 56.5 | 56.4 | 56.6 | 56.9 | 56.6 | 56.1 |
| 1963 | 56.6 | 57.1 | 57.3 | 57.7 | 58.0 | 58.1 | 58.4 | 58.4 | 58.8 | 59.2 | 59.0 | 59.6 | 58.2 |
| 1964 | 59.7 | 60.3 | 60.4 | 61.1 | 61.5 | 61.6 | 62.2 | 62.6 | 63.0 | 62.4 | 63.5 | 64.6 | 61.9 |
| 1965 | 64.7 | 65.1 | 65.9 | 66.2 | 66.6 | 67.1 | 67.9 | 68.0 | 68.3 | 69.1 | 69.8 | 70.5 | 67.4 |
| 1966 | 70.9 | 71.3 | 72.2 | 72.3 | 72.7 | 73.5 | 73.6 | 73.8 | 73.9 | 74.4 | 74.3 | 74.5 | 73.1 |
| 1967 | 75.0 | 74.7 | 74.7 | 74.8 | 74.8 | 75.0 | 75.2 | 75.8 | 75.8 | 75.6 | 76.9 | 77.9 | 75.5 |
| 1968 | 77.5 | 78.1 | 78.4 | 78.7 | 79.2 | 79.8 | 80.2 | 80.2 | 80.5 | 81.0 | 81.7 | 81.9 | 79.8 |
| 1969 | 82.0 | 82.4 | 83.1 | 83.2 | 83.4 | 83.8 | 84.4 | 84.6 | 84.8 | 85.1 | 84.4 | 84.4 | 83.8 |
| 1970 | 83.5 | 83.3 | 83.3 | 83.0 | 82.7 | 82.4 | 82.5 | 82.1 | 81.9 | 80.1 | 79.4 | 80.9 | 82.1 |
| 1971 | 81.5 | 81.3 | 81.5 | 81.8 | 82.2 | 82.4 | 82.1 | 81.8 | 82.6 | 82.7 | 83.4 | 84.2 | 82.3 |
| 1972 | 85.4 | 85.7 | 86.6 | 87.5 | 87.8 | 87.6 | 88.2 | 89.4 | 90.2 | 91.6 | 93.0 | 94.1 | 88.9 |
| 1973 | 94.4 | 95.2 | 95.1 | 95.0 | 95.4 | 95.8 | 96.2 | 96.1 | 96.4 | 97.5 | 98.3 | 97.2 | 96.0 |
| 1974 | 96.3 | 95.6 | 95.2 | 94.7 | 95.2 | 95.2 | 95.2 | 94.5 | 94.1 | 93.7 | 91.5 | 88.6 | 94.2 |
| 1975 | 87.2 | 85.9 | 84.4 | 84.8 | 84.8 | 85.1 | 85.5 | 86.7 | 87.2 | 87.7 | 87.7 | 88.3 | 86.3 |
| 1976 | 89.8 | 90.8 | 91.0 | 91.7 | 92.0 | 92.2 | 92.6 | 92.7 | 93.0 | 92.7 | 94.1 | 95.2 | 92.3 |
| 1977 | 95.3 | 95.7 | 96.6 | 97.2 | 97.8 | 98.6 | 99.3 | 99.6 | 100.4 | 100.9 | 101.3 | 101.8 | 98.7 |
| 1978 | 101.1 | 102.1 | 103.5 | 106.0 | 106.4 | 107.2 | 107.4 | 108.0 | 108.5 | 109.5 | 110.1 | 110.9 | 106.7 |
| 1979 | 110.5 | 110.9 | 112.0 | 110.2 | 111.4 | 111.1 | 111.0 | 110.8 | 110.4 | 110.7 | 110.6 | 110.4 | 110.8 |
| 1980 | 111.0 | 110.5 | 109.5 | 107.4 | 105.2 | 104.3 | 104.1 | 104.9 | 105.6 | 107.1 | 108.1 | 108.5 | 107.2 |
| 1981 | 108.5 | 108.2 | 108.0 | 107.8 | 107.4 | 107.9 | 108.4 | 108.3 | 107.5 | 106.3 | 105.1 | 103.8 | 107.3 |
| 1982 | 102.1 | 103.0 | 102.6 | 102.0 | 101.7 | 100.5 | 99.6 | 98.9 | 98.2 | 97.3 | 97.2 | 97.0 | 100.0 |
| 1983 | 97.9 | 97.6 | 98.4 | 99.1 | 100.2 | 101.4 | 102.3 | 102.1 | 104.1 | 105.4 | 106.2 | 107.6 | 101.9 |
| 1984 | 109.1 | 110.2 | 110.7 | 111.0 | 111.4 | 112.5 | 113.0 | 113.1 | 113.5 | 113.4 | 114.2 | 114.9 | 112.2 |
| 1985 | 114.9 | 115.5 | 116.0 | 116.4 | 116.4 | 116.0 | 115.7 | 116.4 | 116.7 | 116.6 | 117.0 | 118.0 | 116.3 |
| 1986 | 118.1 | 118.0 | 118.0 | 119.4 | 118.7 | 118.4 | 118.4 | 118.7 | 119.7 | 119.4 | 119.8 | 121.1 | 119.0 |
| 1987 | 119.9 | 121.7 | 121.9 | 122.2 | 122.5 | 122.8 | 123.8 | 124.2 | 124.4 | 126.3 | 125.7 | 127.3 | 123.6 |
| 1988 | 126.8 | 127.7 | 128.7 | 128.8 | 129.2 | 130.0 | 130.7 | 130.8 | 130.7 | 132.1 | 131.7 | 132.5 | 130.0 |
| 1989 | 133.3 | 133.3 | 133.4 | 134.1 | 133.4 | 133.4 | 133.0 | 134.0 | 133.7 | 133.1 | 133.4 | 133.8 | 133.5 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **930. Composite index of 7 lagging indicators (1982=100)** | | | | | | | | | | | | | |
| 1948 | 32.3 | 32.6 | 32.7 | 32.7 | 32.8 | 32.8 | 33.1 | 34.0 | 34.3 | 34.0 | 34.7 | 34.6 | 33.4 |
| 1949 | 34.9 | 35.1 | 34.9 | 34.8 | 35.0 | 34.5 | 34.4 | 34.0 | 33.8 | 34.6 | 34.2 | 34.4 | 34.6 |
| 1950 | 34.5 | 34.4 | 34.2 | 34.4 | 34.4 | 34.3 | 34.0 | 34.2 | 35.5 | 36.9 | 38.3 | 38.0 | 35.3 |
| 1951 | 38.7 | 39.4 | 40.0 | 40.4 | 40.9 | 41.5 | 41.8 | 41.7 | 41.7 | 41.9 | 42.1 | 42.9 | 41.1 |
| 1952 | 43.5 | 43.4 | 43.7 | 43.5 | 44.2 | 45.1 | 45.4 | 44.8 | 44.8 | 44.7 | 45.1 | 45.6 | 44.5 |
| 1953 | 45.9 | 46.4 | 46.7 | 47.7 | 48.8 | 49.0 | 49.0 | 49.4 | 49.9 | 50.0 | 50.4 | 50.7 | 48.7 |
| 1954 | 50.2 | 49.7 | 48.8 | 47.8 | 47.4 | 46.7 | 46.5 | 45.8 | 45.6 | 45.5 | 45.4 | 45.6 | 47.1 |
| 1955 | 45.4 | 45.3 | 45.6 | 45.4 | 45.9 | 46.7 | 47.0 | 49.2 | 49.6 | 50.8 | 51.9 | 52.0 | 47.9 |
| 1956 | 52.4 | 52.6 | 53.4 | 54.6 | 55.8 | 56.1 | 57.7 | 57.2 | 57.8 | 57.6 | 58.0 | 57.7 | 55.9 |
| 1957 | 58.2 | 57.7 | 58.2 | 58.5 | 58.9 | 59.0 | 59.0 | 60.7 | 61.8 | 61.5 | 62.2 | 62.6 | 59.9 |
| 1958 | 61.6 | 60.0 | 59.7 | 58.5 | 56.2 | 55.0 | 54.2 | 53.4 | 54.5 | 54.8 | 54.4 | 55.2 | 56.5 |
| 1959 | 54.8 | 55.1 | 55.2 | 55.6 | 57.0 | 58.6 | 59.6 | 61.5 | 64.4 | 65.3 | 65.2 | 64.2 | 59.7 |
| 1960 | 63.4 | 63.9 | 64.7 | 65.0 | 66.0 | 66.4 | 66.4 | 65.8 | 64.1 | 63.8 | 64.3 | 64.6 | 64.9 |
| 1961 | 64.5 | 64.3 | 63.6 | 63.0 | 62.3 | 61.6 | 61.0 | 61.0 | 61.3 | 61.3 | 61.1 | 61.6 | 62.2 |
| 1962 | 62.2 | 62.3 | 62.5 | 63.0 | 63.4 | 64.0 | 64.1 | 64.2 | 64.2 | 64.3 | 64.5 | 64.8 | 63.6 |
| 1963 | 64.9 | 65.1 | 64.9 | 65.1 | 65.3 | 65.6 | 66.1 | 66.7 | 67.0 | 67.3 | 68.0 | 68.2 | 66.2 |
| 1964 | 68.2 | 68.4 | 68.7 | 69.0 | 68.7 | 69.2 | 68.8 | 69.6 | 70.0 | 70.6 | 70.3 | 70.5 | 69.3 |
| 1965 | 71.1 | 71.9 | 72.2 | 72.8 | 73.5 | 73.3 | 73.4 | 74.1 | 74.2 | 74.8 | 75.5 | 76.0 | 73.6 |
| 1966 | 76.2 | 76.9 | 77.2 | 78.1 | 79.1 | 79.7 | 80.6 | 80.9 | 81.1 | 81.2 | 82.3 | 82.3 | 79.6 |
| 1967 | 82.2 | 82.4 | 82.7 | 82.7 | 82.4 | 82.8 | 82.9 | 82.4 | 82.7 | 82.7 | 82.2 | 82.5 | 82.6 |
| 1968 | 82.4 | 82.8 | 83.5 | 84.1 | 84.5 | 84.9 | 84.9 | 85.9 | 86.0 | 86.0 | 86.2 | 86.7 | 84.8 |
| 1969 | 87.6 | 87.9 | 88.4 | 89.2 | 90.0 | 90.9 | 91.0 | 91.2 | 91.7 | 92.1 | 92.2 | 92.5 | 90.4 |
| 1970 | 93.2 | 93.6 | 94.2 | 93.3 | 92.7 | 92.6 | 92.0 | 92.3 | 91.7 | 91.3 | 90.9 | 89.5 | 92.3 |
| 1971 | 89.3 | 88.9 | 88.2 | 87.2 | 86.8 | 85.9 | 86.6 | 87.7 | 87.9 | 87.1 | 86.5 | 86.4 | 87.4 |
| 1972 | 85.4 | 85.0 | 85.7 | 85.9 | 86.3 | 86.9 | 86.8 | 86.6 | 86.4 | 86.5 | 86.3 | 86.1 | 86.2 |
| 1973 | 87.6 | 88.7 | 89.5 | 90.8 | 91.1 | 92.0 | 93.1 | 92.9 | 94.4 | 94.9 | 95.7 | 97.1 | 92.3 |
| 1974 | 97.7 | 97.8 | 97.4 | 98.6 | 99.5 | 100.1 | 100.4 | 100.7 | 102.1 | 101.9 | 102.3 | 103.5 | 100.2 |
| 1975 | 102.5 | 101.0 | 100.0 | 96.9 | 94.6 | 91.0 | 89.9 | 88.8 | 88.1 | 88.0 | 87.9 | 88.0 | 93.1 |
| 1976 | 88.0 | 87.9 | 87.8 | 87.1 | 86.9 | 86.2 | 86.3 | 86.3 | 86.7 | 87.2 | 86.7 | 86.4 | 87.0 |
| 1977 | 86.9 | 87.2 | 87.5 | 87.8 | 88.1 | 89.0 | 89.3 | 89.9 | 90.3 | 90.7 | 91.2 | 91.3 | 89.1 |
| 1978 | 92.5 | 92.7 | 93.3 | 92.7 | 93.4 | 94.2 | 94.8 | 95.3 | 96.0 | 96.3 | 97.8 | 98.3 | 94.8 |
| 1979 | 98.8 | 99.4 | 98.8 | 101.1 | 101.1 | 102.4 | 102.8 | 103.7 | 105.2 | 106.1 | 107.2 | 107.3 | 102.8 |
| 1980 | 108.3 | 108.8 | 111.4 | 113.6 | 112.3 | 109.7 | 104.9 | 101.1 | 98.7 | 97.4 | 98.4 | 101.2 | 105.5 |
| 1981 | 101.2 | 100.7 | 99.6 | 99.4 | 102.2 | 103.3 | 103.5 | 103.9 | 105.7 | 105.3 | 104.9 | 104.3 | 102.8 |
| 1982 | 104.9 | 103.5 | 102.1 | 101.7 | 101.4 | 101.7 | 101.1 | 99.7 | 98.6 | 97.1 | 95.2 | 93.0 | 100.0 |
| 1983 | 91.9 | 91.7 | 91.0 | 90.9 | 90.1 | 90.1 | 90.4 | 91.4 | 91.4 | 91.6 | 92.7 | 93.6 | 91.4 |
| 1984 | 94.0 | 95.3 | 96.4 | 97.9 | 99.6 | 100.9 | 101.8 | 103.2 | 104.3 | 105.1 | 105.0 | 105.0 | 100.7 |
| 1985 | 105.5 | 105.3 | 106.2 | 105.9 | 106.6 | 106.8 | 107.7 | 107.9 | 108.4 | 109.4 | 109.7 | 110.1 | 107.5 |
| 1986 | 110.7 | 110.8 | 112.5 | 111.6 | 111.8 | 111.7 | 111.9 | 111.7 | 110.8 | 111.8 | 111.3 | 110.4 | 111.4 |
| 1987 | 111.3 | 109.6 | 110.0 | 109.9 | 109.8 | 110.0 | 110.0 | 110.0 | 111.5 | 111.5 | 112.1 | 111.8 | 110.6 |
| 1988 | 113.0 | 112.8 | 113.6 | 114.0 | 113.7 | 113.9 | 113.9 | 114.5 | 114.8 | 114.9 | 116.1 | 116.2 | 114.3 |
| 1989 | 117.0 | 117.8 | 118.7 | 118.0 | 119.1 | 119.5 | 119.6 | 119.8 | 119.6 | 120.0 | 119.7 | 119.7 | 119.0 |
| **940. Ratio, coincident composite index to lagging composite index (1982=100)** | | | | | | | | | | | | | |
| 1948 | 118.9 | 116.9 | 117.1 | 116.5 | 117.4 | 119.5 | 118.7 | 115.9 | 114.6 | 115.9 | 112.4 | 111.6 | 116.3 |
| 1949 | 108.3 | 106.6 | 106.0 | 105.5 | 103.1 | 104.3 | 102.6 | 105.3 | 107.7 | 100.3 | 103.5 | 103.8 | 104.8 |
| 1950 | 105.5 | 105.5 | 109.1 | 111.0 | 114.0 | 116.6 | 122.6 | 125.4 | 119.4 | 115.4 | 111.0 | 114.5 | 114.2 |
| 1951 | 113.4 | 111.2 | 110.2 | 109.4 | 108.3 | 106.7 | 104.5 | 105.5 | 105.3 | 105.3 | 105.0 | 103.3 | 107.3 |
| 1952 | 101.8 | 103.7 | 102.7 | 103.0 | 101.6 | 98.9 | 96.5 | 102.2 | 104.9 | 106.7 | 106.2 | 106.1 | 102.9 |
| 1953 | 105.9 | 105.6 | 106.0 | 103.8 | 101.4 | 100.6 | 101.0 | 98.8 | 97.0 | 96.4 | 93.7 | 91.3 | 100.1 |
| 1954 | 91.4 | 92.4 | 92.8 | 94.4 | 94.5 | 96.4 | 96.3 | 97.8 | 98.7 | 99.6 | 101.8 | 102.2 | 96.5 |
| 1955 | 104.0 | 104.9 | 106.1 | 107.9 | 108.1 | 106.6 | 107.2 | 102.2 | 102.4 | 100.8 | 99.4 | 99.8 | 104.1 |
| 1956 | 99.2 | 98.9 | 97.4 | 96.0 | 93.4 | 92.9 | 87.2 | 90.7 | 90.7 | 91.8 | 90.9 | 92.2 | 93.4 |
| 1957 | 90.9 | 92.5 | 91.4 | 89.9 | 89.0 | 89.0 | 89.0 | 86.5 | 84.0 | 83.4 | 81.4 | 79.2 | 87.2 |
| 1958 | 79.4 | 79.8 | 79.2 | 79.7 | 83.1 | 86.0 | 88.6 | 90.8 | 89.7 | 90.0 | 92.8 | 90.9 | 85.8 |
| 1959 | 93.2 | 93.6 | 94.7 | 95.7 | 94.2 | 92.0 | 89.8 | 84.2 | 80.3 | 78.7 | 79.9 | 84.0 | 88.4 |
| 1960 | 86.3 | 85.3 | 83.8 | 83.4 | 81.7 | 80.7 | 80.3 | 80.5 | 82.2 | 82.4 | 80.6 | 79.3 | 82.2 |
| 1961 | 79.1 | 79.0 | 80.3 | 81.6 | 83.5 | 85.6 | 86.6 | 87.4 | 87.1 | 88.3 | 89.7 | 89.4 | 84.8 |
| 1962 | 87.9 | 88.8 | 89.1 | 88.9 | 88.3 | 87.5 | 87.8 | 88.0 | 87.9 | 88.0 | 88.2 | 87.3 | 88.1 |
| 1963 | 87.2 | 87.7 | 88.3 | 88.6 | 88.8 | 88.6 | 88.4 | 87.6 | 87.8 | 88.0 | 86.8 | 87.4 | 87.9 |
| 1964 | 87.5 | 88.2 | 87.9 | 88.6 | 89.5 | 89.0 | 90.4 | 89.9 | 90.0 | 88.4 | 90.3 | 91.6 | 89.3 |
| 1965 | 91.0 | 90.5 | 91.3 | 90.9 | 90.6 | 91.5 | 92.5 | 91.8 | 92.0 | 92.4 | 92.5 | 92.8 | 91.6 |
| 1966 | 93.0 | 92.7 | 93.5 | 92.6 | 91.9 | 92.2 | 91.3 | 91.2 | 91.1 | 91.6 | 90.3 | 90.5 | 91.8 |
| 1967 | 91.2 | 90.7 | 90.3 | 90.4 | 90.8 | 90.6 | 90.7 | 92.0 | 91.7 | 91.4 | 93.6 | 94.4 | 91.5 |
| 1968 | 94.1 | 94.3 | 93.9 | 93.6 | 93.7 | 94.0 | 94.5 | 93.4 | 93.6 | 94.2 | 94.8 | 94.5 | 94.0 |
| 1969 | 93.6 | 93.7 | 94.0 | 93.3 | 92.7 | 92.2 | 92.7 | 92.8 | 92.5 | 92.4 | 91.5 | 91.2 | 92.7 |
| 1970 | 89.6 | 89.0 | 88.4 | 89.0 | 89.2 | 89.0 | 89.7 | 88.9 | 89.3 | 87.7 | 87.3 | 90.4 | 89.0 |
| 1971 | 91.3 | 91.5 | 92.4 | 93.8 | 94.7 | 95.9 | 94.8 | 93.3 | 94.0 | 94.9 | 96.4 | 97.5 | 94.2 |
| 1972 | 100.0 | 100.8 | 101.1 | 101.9 | 101.7 | 100.8 | 101.6 | 103.2 | 104.4 | 105.9 | 107.8 | 109.3 | 103.2 |
| 1973 | 107.8 | 107.3 | 106.3 | 104.6 | 104.7 | 104.1 | 103.3 | 103.4 | 102.1 | 102.7 | 102.7 | 100.1 | 104.1 |
| 1974 | 98.6 | 97.8 | 97.7 | 96.0 | 95.7 | 95.1 | 94.8 | 93.8 | 92.2 | 92.0 | 89.4 | 85.6 | 94.1 |
| 1975 | 85.1 | 85.0 | 84.4 | 87.5 | 89.6 | 93.5 | 95.1 | 97.6 | 99.0 | 99.7 | 99.8 | 100.3 | 93.0 |
| 1976 | 102.0 | 103.3 | 103.6 | 105.3 | 105.9 | 107.0 | 107.3 | 107.4 | 107.3 | 106.3 | 108.5 | 110.2 | 106.2 |
| 1977 | 109.7 | 109.7 | 110.4 | 110.7 | 111.0 | 110.8 | 111.2 | 110.8 | 111.2 | 111.2 | 111.1 | 111.5 | 110.8 |
| 1978 | 109.3 | 110.1 | 110.9 | 114.3 | 113.9 | 113.8 | 113.3 | 113.3 | 113.0 | 113.7 | 112.6 | 112.8 | 112.6 |
| 1979 | 111.8 | 111.6 | 113.4 | 109.0 | 110.2 | 108.5 | 108.0 | 106.8 | 104.9 | 104.3 | 103.2 | 102.9 | 107.9 |
| 1980 | 102.5 | 101.6 | 98.3 | 94.5 | 93.7 | 95.1 | 99.2 | 103.8 | 107.0 | 110.0 | 109.9 | 107.2 | 101.9 |
| 1981 | 107.2 | 107.4 | 108.4 | 108.5 | 105.1 | 104.5 | 104.7 | 104.2 | 101.7 | 100.9 | 100.2 | 99.5 | 104.4 |
| 1982 | 97.3 | 99.5 | 100.5 | 100.3 | 100.3 | 98.8 | 98.5 | 99.2 | 99.6 | 100.2 | 102.1 | 104.3 | 100.0 |
| 1983 | 106.5 | 106.4 | 108.1 | 109.0 | 111.2 | 112.5 | 113.2 | 111.7 | 113.9 | 115.1 | 114.6 | 115.0 | 111.4 |
| 1984 | 116.1 | 115.6 | 114.8 | 113.4 | 111.8 | 111.5 | 111.0 | 109.6 | 108.8 | 107.9 | 108.8 | 109.4 | 111.6 |
| 1985 | 108.9 | 109.7 | 109.2 | 109.9 | 109.2 | 108.6 | 107.4 | 107.9 | 107.7 | 106.6 | 106.7 | 107.2 | 108.2 |
| 1986 | 106.7 | 106.5 | 104.9 | 107.0 | 106.2 | 106.0 | 105.8 | 106.3 | 108.0 | 106.8 | 107.6 | 109.7 | 106.8 |
| 1987 | 107.7 | 111.0 | 110.8 | 111.2 | 111.6 | 111.6 | 112.5 | 112.9 | 111.6 | 113.3 | 112.1 | 113.9 | 111.7 |
| 1988 | 112.2 | 113.2 | 113.3 | 113.0 | 113.6 | 114.1 | 114.7 | 114.2 | 113.9 | 115.0 | 113.4 | 114.0 | 113.7 |
| 1989 | 113.9 | 113.2 | 112.4 | 113.6 | 112.0 | 111.6 | 111.2 | 111.9 | 111.8 | 110.9 | 111.4 | 111.8 | 112.1 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **950. Diffusion index of 11 leading indicator components (percent rising over 1-month span)** | | | | | | | | | | | | | |
| 1948 | ..... | 27.8 | 66.7 | 61.1 | 33.3 | 61.1 | 20.0 | 20.0 | 0 | 70.0 | 15.0 | 0 | ..... |
| 1949 | 20.0 | 35.0 | 25.0 | 30.0 | 60.0 | 40.0 | 90.0 | 70.0 | 90.0 | 55.0 | 80.0 | 80.0 | 56.2 |
| 1950 | 100.0 | 90.0 | 65.0 | 80.0 | 80.0 | 60.0 | 80.0 | 70.0 | 30.0 | 50.0 | 15.0 | 50.0 | 64.2 |
| 1951 | 65.0 | 45.0 | 40.0 | 50.0 | 45.0 | 10.0 | 20.0 | 30.0 | 55.0 | 60.0 | 40.0 | 50.0 | 42.5 |
| 1952 | 60.0 | 65.0 | 60.0 | 45.0 | 65.0 | 90.0 | 60.0 | 60.0 | 80.0 | 50.0 | 60.0 | 54.5 | 62.5 |
| 1953 | 54.5 | 59.1 | 59.1 | 40.9 | 36.4 | 18.2 | 27.3 | 9.1 | 18.2 | 36.4 | 36.4 | 54.5 | 37.5 |
| 1954 | 54.5 | 72.7 | 72.7 | 90.9 | 90.9 | 90.9 | 86.4 | 63.6 | 72.7 | 100.0 | 77.3 | 72.7 | 78.8 |
| 1955 | 90.9 | 90.9 | 63.6 | 68.2 | 63.6 | 54.5 | 68.2 | 36.4 | 63.6 | 45.5 | 63.6 | 45.5 | 62.9 |
| 1956 | 31.8 | 13.6 | 36.4 | 40.9 | 9.1 | 36.4 | 54.5 | 54.5 | 40.9 | 40.9 | 59.1 | 36.4 | 37.9 |
| 1957 | 18.2 | 36.4 | 31.8 | 27.3 | 40.9 | 40.9 | 27.3 | 45.5 | 22.7 | 36.4 | 0 | 18.2 | 28.8 |
| 1958 | 45.5 | 36.4 | 63.6 | 54.5 | 90.9 | 90.9 | 90.9 | 81.8 | 90.9 | 72.7 | 81.8 | 50.0 | 70.8 |
| 1959 | 81.8 | 81.8 | 72.7 | 54.5 | 54.5 | 36.4 | 27.3 | 22.7 | 45.5 | 31.8 | 27.3 | 72.7 | 50.8 |
| 1960 | 27.3 | 36.4 | 9.1 | 45.5 | 54.5 | 45.5 | 59.1 | 36.4 | 45.5 | 18.2 | 45.5 | 63.6 | 40.6 |
| 1961 | 54.5 | 72.7 | 81.8 | 90.9 | 86.4 | 81.8 | 72.7 | 100.0 | 27.3 | 81.8 | 63.6 | 81.8 | 74.6 |
| 1962 | 54.5 | 72.7 | 45.5 | 45.5 | 18.2 | 18.2 | 68.2 | 45.5 | 81.8 | 63.6 | 90.9 | 68.2 | 56.1 |
| 1963 | 77.3 | 81.8 | 72.7 | 63.6 | 72.7 | 50.0 | 45.5 | 54.5 | 77.3 | 72.7 | 50.0 | 63.6 | 65.1 |
| 1964 | 72.7 | 63.6 | 50.0 | 72.7 | 63.6 | 59.1 | 72.7 | 81.8 | 72.7 | 63.6 | 72.7 | 54.5 | 66.6 |
| 1965 | 72.7 | 50.0 | 63.6 | 59.1 | 72.7 | 45.5 | 40.9 | 54.5 | 54.5 | 81.8 | 72.7 | 72.7 | 61.7 |
| 1966 | 68.2 | 63.6 | 63.6 | 45.5 | 18.2 | 13.6 | 22.7 | 36.4 | 18.2 | 13.6 | 18.2 | 36.4 | 34.8 |
| 1967 | 63.6 | 54.5 | 40.9 | 45.5 | 72.7 | 86.4 | 77.3 | 100.0 | 54.5 | 54.5 | 59.1 | 90.9 | 66.7 |
| 1968 | 36.4 | 63.6 | 63.6 | 45.5 | 50.0 | 59.1 | 54.5 | 36.4 | 90.9 | 86.4 | 72.7 | 59.1 | 59.8 |
| 1969 | 86.4 | 36.4 | 31.8 | 54.5 | 31.8 | 22.7 | 18.2 | 31.8 | 59.1 | 18.2 | 13.6 | 36.4 | 36.7 |
| 1970 | 9.1 | 9.1 | 18.2 | 9.1 | 54.5 | 45.5 | 63.6 | 36.4 | 63.6 | 54.5 | 54.5 | 77.3 | 41.3 |
| 1971 | 72.7 | 72.7 | 77.3 | 68.2 | 50.0 | 54.5 | 54.5 | 45.5 | 63.6 | 72.7 | 68.2 | 100.0 | 66.7 |
| 1972 | 86.4 | 81.8 | 68.2 | 54.5 | 54.5 | 81.8 | 63.6 | 81.8 | 68.2 | 54.5 | 81.8 | 81.8 | 71.6 |
| 1973 | 63.6 | 54.5 | 45.5 | 36.4 | 63.6 | 36.4 | 54.5 | 27.3 | 45.5 | 45.5 | 54.5 | 27.3 | 46.2 |
| 1974 | 45.5 | 18.2 | 59.1 | 27.3 | 36.4 | 9.1 | 22.7 | 4.5 | 9.1 | 13.6 | 9.1 | 18.2 | 22.7 |
| 1975 | 9.1 | 36.4 | 45.5 | 90.9 | 90.9 | 90.9 | 86.4 | 68.2 | 72.7 | 72.7 | 81.8 | 63.6 | 67.4 |
| 1976 | 81.8 | 54.5 | 54.5 | 54.5 | 63.6 | 63.6 | 90.9 | 45.5 | 54.5 | 54.5 | 54.5 | 63.6 | 61.3 |
| 1977 | 36.4 | 54.5 | 45.5 | 59.1 | 59.1 | 63.6 | 36.4 | 63.6 | 59.1 | 54.5 | 77.3 | 63.6 | 56.1 |
| 1978 | 18.2 | 54.5 | 45.5 | 68.2 | 45.5 | 54.5 | 45.5 | 68.2 | 72.7 | 63.6 | 45.5 | 45.5 | 52.3 |
| 1979 | 36.4 | 50.0 | 81.8 | 27.3 | 54.5 | 31.8 | 22.7 | 27.3 | 63.6 | 13.6 | 18.2 | 36.4 | 38.6 |
| 1980 | 72.7 | 59.1 | 18.2 | 9.1 | 27.3 | 63.6 | 81.8 | 90.9 | 100.0 | 81.8 | 77.3 | 54.5 | 61.4 |
| 1981 | 22.7 | 18.2 | 50.0 | 90.9 | 36.4 | 36.4 | 18.2 | 54.5 | 0 | 36.4 | 36.4 | 54.5 | 37.9 |
| 1982 | 36.4 | 54.5 | 45.5 | 50.0 | 59.1 | 27.3 | 68.2 | 36.4 | 72.7 | 90.9 | 90.9 | 90.9 | 60.2 |
| 1983 | 72.7 | 81.8 | 90.9 | 100.0 | 86.4 | 90.9 | 90.9 | 59.1 | 81.8 | 90.9 | 68.2 | 59.1 | 81.1 |
| 1984 | 72.7 | 63.6 | 54.5 | 45.5 | 36.4 | 22.7 | 45.5 | 36.4 | 45.5 | 27.3 | 59.1 | 31.8 | 45.1 |
| 1985 | 77.3 | 54.5 | 45.5 | 36.4 | 81.8 | 63.6 | 40.9 | 81.8 | 59.1 | 72.7 | 40.9 | 72.7 | 60.6 |
| 1986 | 63.6 | 54.5 | 54.5 | 63.6 | 45.5 | 59.1 | 36.4 | 54.5 | 54.5 | 68.2 | 72.7 | 90.9 | 59.8 |
| 1987 | 31.8 | 54.5 | 63.6 | 54.5 | 54.5 | 81.8 | 68.2 | 68.2 | 50.0 | 45.5 | 22.7 | 27.3 | 51.9 |
| 1988 | 40.9 | 63.6 | 59.1 | 63.6 | 45.5 | 81.8 | 31.8 | 54.5 | 45.5 | 40.9 | 40.9 | 54.5 | 51.9 |
| 1989 | 72.7 | 22.7 | 18.2 | 72.7 | 9.1 | 40.9 | 40.9 | 50.0 | 36.4 | 36.4 | 63.6 | 54.5 | 43.2 |
| **950. Diffusion index of 11 leading indicator components (percent rising over 6-month span)** | | | | | | | | | | | | | |
| 1948 | ..... | ..... | ..... | 55.6 | 44.4 | 22.2 | 33.3 | 11.1 | 0 | 10.0 | 10.0 | 20.0 | ..... |
| 1949 | 20.0 | 20.0 | 20.0 | 30.0 | 50.0 | 100.0 | 90.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 69.2 |
| 1950 | 100.0 | 100.0 | 100.0 | 90.0 | 80.0 | 80.0 | 80.0 | 70.0 | 80.0 | 65.0 | 40.0 | 60.0 | 78.8 |
| 1951 | 50.0 | 55.0 | 30.0 | 25.0 | 20.0 | 30.0 | 20.0 | 20.0 | 20.0 | 50.0 | 70.0 | 70.0 | 38.3 |
| 1952 | 60.0 | 60.0 | 50.0 | 80.0 | 60.0 | 100.0 | 80.0 | 80.0 | 80.0 | 70.0 | 90.0 | 50.0 | 71.7 |
| 1953 | 55.0 | 36.4 | 27.3 | 18.2 | 18.2 | 9.1 | 9.1 | 9.1 | 18.2 | 27.3 | 45.5 | 45.5 | 26.6 |
| 1954 | 72.7 | 72.7 | 77.3 | 90.9 | 77.3 | 86.4 | 90.9 | 100.0 | 90.9 | 90.9 | 90.9 | 90.9 | 86.0 |
| 1955 | 90.9 | 90.9 | 90.9 | 90.9 | 81.8 | 68.2 | 72.7 | 63.6 | 72.7 | 63.6 | 45.5 | 36.4 | 72.3 |
| 1956 | 54.5 | 18.2 | 27.3 | 27.3 | 36.4 | 13.6 | 18.2 | 63.6 | 36.4 | 54.5 | 27.3 | 36.4 | 34.5 |
| 1957 | 9.1 | 9.1 | 9.1 | 18.2 | 18.2 | 18.2 | 18.2 | 0 | 0 | 9.1 | 13.6 | 18.2 | 11.8 |
| 1958 | 36.4 | 54.5 | 77.3 | 90.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 90.9 | 90.9 | 86.7 |
| 1959 | 90.9 | 81.8 | 81.8 | 54.5 | 36.4 | 22.7 | 18.2 | 9.1 | 27.3 | 27.3 | 45.5 | 18.2 | 42.8 |
| 1960 | 36.4 | 54.5 | 9.1 | 18.2 | 36.4 | 54.5 | 36.4 | 36.4 | 36.4 | 45.5 | 40.9 | 59.1 | 38.6 |
| 1961 | 77.3 | 100.0 | 90.9 | 90.9 | 100.0 | 100.0 | 100.0 | 81.8 | 90.9 | 86.4 | 90.9 | 90.9 | 91.7 |
| 1962 | 63.6 | 22.7 | 27.3 | 36.4 | 22.7 | 31.8 | 18.2 | 72.7 | 81.8 | 86.4 | 86.4 | 81.8 | 52.6 |
| 1963 | 86.4 | 90.9 | 81.8 | 81.8 | 63.6 | 63.6 | 81.8 | 77.3 | 68.2 | 63.6 | 90.9 | 86.4 | 78.0 |
| 1964 | 90.9 | 81.8 | 77.3 | 72.7 | 72.7 | 81.8 | 72.7 | 86.4 | 90.9 | 90.9 | 63.6 | 63.6 | 78.8 |
| 1965 | 63.6 | 63.6 | 68.2 | 45.5 | 50.0 | 63.6 | 81.8 | 81.8 | 90.9 | 81.8 | 72.7 | 81.8 | 70.4 |
| 1966 | 81.8 | 63.6 | 50.0 | 40.9 | 18.2 | 13.6 | 0 | 0 | 9.1 | 36.4 | 36.4 | 36.4 | 32.2 |
| 1967 | 36.4 | 45.5 | 54.5 | 63.6 | 81.8 | 90.9 | 90.9 | 90.9 | 90.9 | 72.7 | 72.7 | 68.2 | 71.6 |
| 1968 | 59.1 | 68.2 | 59.1 | 72.7 | 45.5 | 59.1 | 81.8 | 90.9 | 90.9 | 90.9 | 90.9 | 72.7 | 73.5 |
| 1969 | 72.7 | 36.4 | 27.3 | 27.3 | 18.2 | 27.3 | 18.2 | 0 | 0 | 9.1 | 0 | 0 | 19.7 |
| 1970 | 9.1 | 18.2 | 9.1 | 9.1 | 18.2 | 18.2 | 27.3 | 45.5 | 63.6 | 63.6 | 81.8 | 90.9 | 37.9 |
| 1971 | 100.0 | 100.0 | 90.9 | 68.2 | 63.6 | 63.6 | 63.6 | 81.8 | 81.8 | 100.0 | 100.0 | 100.0 | 84.5 |
| 1972 | 100.0 | 90.9 | 81.8 | 81.8 | 100.0 | 100.0 | 95.5 | 90.9 | 72.7 | 72.7 | 81.8 | 81.8 | 87.5 |
| 1973 | 81.8 | 63.6 | 63.6 | 45.5 | 36.4 | 27.3 | 36.4 | 40.9 | 31.8 | 36.4 | 36.4 | 18.2 | 43.2 |
| 1974 | 0 | 0 | 18.2 | 22.7 | 9.1 | 9.1 | 9.1 | 0 | 0 | 0 | 9.1 | 18.2 | 8.0 |
| 1975 | 36.4 | 50.0 | 72.7 | 90.9 | 100.0 | 100.0 | 90.9 | 86.4 | 81.8 | 100.0 | 90.9 | 100.0 | 83.3 |
| 1976 | 90.9 | 90.9 | 86.4 | 77.3 | 72.7 | 72.7 | 59.1 | 68.2 | 63.6 | 54.5 | 63.6 | 45.5 | 70.4 |
| 1977 | 63.6 | 63.6 | 68.2 | 72.7 | 63.6 | 63.6 | 63.6 | 59.1 | 72.7 | 45.5 | 54.5 | 72.7 | 63.6 |
| 1978 | 72.7 | 68.2 | 72.7 | 63.6 | 63.6 | 81.8 | 63.6 | 63.6 | 54.5 | 54.5 | 40.9 | 50.0 | 62.5 |
| 1979 | 36.4 | 18.2 | 27.3 | 36.4 | 27.3 | 9.1 | 27.3 | 18.2 | 31.8 | 18.2 | 36.4 | 9.1 | 24.6 |
| 1980 | 9.1 | 9.1 | 18.2 | 9.1 | 27.3 | 45.5 | 86.4 | 100.0 | 100.0 | 81.8 | 72.7 | 72.7 | 52.7 |
| 1981 | 45.5 | 36.4 | 27.3 | 18.2 | 63.6 | 9.1 | 0 | 9.1 | 9.1 | 18.2 | 18.2 | 27.3 | 23.5 |
| 1982 | 36.4 | 54.5 | 59.1 | 63.6 | 45.5 | 54.5 | 54.5 | 54.5 | 72.7 | 81.8 | 100.0 | 90.9 | 64.0 |
| 1983 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 90.9 | 81.8 | 81.8 | 81.8 | 81.8 | 77.3 | 91.3 |
| 1984 | 81.8 | 72.7 | 45.5 | 18.2 | 36.4 | 27.3 | 36.4 | 27.3 | 27.3 | 36.4 | 36.4 | 45.5 | 40.9 |
| 1985 | 45.5 | 54.5 | 63.6 | 59.1 | 72.7 | 81.8 | 81.8 | 81.8 | 90.9 | 81.8 | 77.3 | 63.6 | 71.2 |
| 1986 | 72.7 | 77.3 | 63.6 | 54.5 | 54.5 | 54.5 | 63.6 | 72.7 | 81.8 | 72.7 | 81.8 | 100.0 | 70.8 |
| 1987 | 81.8 | 63.6 | 81.8 | 81.8 | 63.6 | 77.3 | 72.7 | 63.6 | 63.6 | 36.4 | 40.9 | 40.9 | 64.0 |
| 1988 | 27.3 | 45.5 | 86.4 | 77.3 | 86.4 | 72.7 | 63.6 | 63.6 | 45.5 | 77.3 | 50.0 | 36.4 | 61.0 |
| 1989 | 45.5 | 36.4 | 13.6 | 18.2 | 36.4 | 45.5 | 36.4 | 54.5 | 45.5 | 45.5 | 27.3 | 45.5 | 37.5 |

NOTE.—Diffusion indexes are centered within the spans: 1-month indexes are placed on the ending month, and 6-month indexes are placed on the 4th month.

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 951. Diffusion index of 4 coincident indicator components (percent rising over 1-month span) | | | | | | | | | | | | | |
| 1948 | ..... | 50.0 | 75.0 | 75.0 | 75.0 | 100.0 | 75.0 | 62.5 | 62.5 | 75.0 | 12.5 | 25.0 | ..... |
| 1949 | 0 | 0 | 25.0 | 0 | 0 | 37.5 | 0 | 100.0 | 100.0 | 0 | 100.0 | 75.0 | 36.5 |
| 1950 | 75.0 | 50.0 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 50.0 | 75.0 | 50.0 | 100.0 | 81.2 |
| 1951 | 75.0 | 62.5 | 75.0 | 75.0 | 50.0 | 50.0 | 12.5 | 50.0 | 37.5 | 87.5 | 62.5 | 75.0 | 59.4 |
| 1952 | 75.0 | 100.0 | 50.0 | 50.0 | 62.5 | 50.0 | 0 | 100.0 | 100.0 | 87.5 | 50.0 | 100.0 | 68.8 |
| 1953 | 100.0 | 100.0 | 100.0 | 62.5 | 62.5 | 50.0 | 62.5 | 0 | 25.0 | 25.0 | 0 | 0 | 49.0 |
| 1954 | 25.0 | 50.0 | 0 | 25.0 | 50.0 | 75.0 | 37.5 | 37.5 | 87.5 | 100.0 | 100.0 | 75.0 | 55.2 |
| 1955 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.5 | 100.0 | 50.0 | 100.0 | 75.0 | 100.0 | 100.0 | 92.7 |
| 1956 | 62.5 | 50.0 | 87.5 | 100.0 | 25.0 | 75.0 | 0 | 100.0 | 100.0 | 100.0 | 50.0 | 100.0 | 70.8 |
| 1957 | 25.0 | 100.0 | 50.0 | 12.5 | 25.0 | 75.0 | 62.5 | 62.5 | 0 | 0 | 12.5 | 0 | 35.4 |
| 1958 | 0 | 0 | 25.0 | 0 | 75.0 | 100.0 | 100.0 | 75.0 | 100.0 | 87.5 | 100.0 | 62.5 | 60.4 |
| 1959 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 50.0 | 0 | 25.0 | 25.0 | 100.0 | 100.0 | 72.9 |
| 1960 | 100.0 | 25.0 | 25.0 | 62.5 | 37.5 | 12.5 | 0 | 0 | 25.0 | 37.5 | 0 | 25.0 | 29.2 |
| 1961 | 50.0 | 50.0 | 100.0 | 62.5 | 100.0 | 100.0 | 75.0 | 100.0 | 75.0 | 100.0 | 100.0 | 100.0 | 84.4 |
| 1962 | 25.0 | 100.0 | 100.0 | 100.0 | 50.0 | 50.0 | 100.0 | 100.0 | 50.0 | 100.0 | 87.5 | 37.5 | 75.0 |
| 1963 | 62.5 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 75.0 | 75.0 | 100.0 | 100.0 | 50.0 | 75.0 | 84.4 |
| 1964 | 75.0 | 87.5 | 62.5 | 100.0 | 100.0 | 75.0 | 100.0 | 75.0 | 100.0 | 25.0 | 100.0 | 100.0 | 83.3 |
| 1965 | 62.5 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 87.5 | 100.0 | 100.0 | 100.0 | 91.7 |
| 1966 | 87.5 | 100.0 | 100.0 | 75.0 | 75.0 | 100.0 | 75.0 | 100.0 | 50.0 | 100.0 | 50.0 | 100.0 | 84.4 |
| 1967 | 100.0 | 37.5 | 75.0 | 87.5 | 62.5 | 87.5 | 62.5 | 100.0 | 50.0 | 37.5 | 100.0 | 100.0 | 75.0 |
| 1968 | 12.5 | 75.0 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 75.0 | 82.3 |
| 1969 | 75.0 | 100.0 | 100.0 | 75.0 | 50.0 | 87.5 | 100.0 | 100.0 | 75.0 | 100.0 | 12.5 | 50.0 | 77.1 |
| 1970 | 0 | 37.5 | 50.0 | 25.0 | 25.0 | 25.0 | 100.0 | 12.5 | 50.0 | 0 | 12.5 | 100.0 | 36.5 |
| 1971 | 100.0 | 25.0 | 87.5 | 100.0 | 100.0 | 62.5 | 37.5 | 37.5 | 100.0 | 75.0 | 100.0 | 100.0 | 77.1 |
| 1972 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 75.0 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 89.6 |
| 1973 | 62.5 | 100.0 | 50.0 | 50.0 | 75.0 | 75.0 | 87.5 | 62.5 | 75.0 | 100.0 | 100.0 | 25.0 | 71.9 |
| 1974 | 50.0 | 25.0 | 62.5 | 25.0 | 100.0 | 75.0 | 75.0 | 12.5 | 37.5 | 50.0 | 0 | 0 | 42.7 |
| 1975 | 25.0 | 0 | 12.5 | 75.0 | 50.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 62.5 | 100.0 | 66.7 |
| 1976 | 100.0 | 100.0 | 75.0 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 100.0 | 62.5 | 100.0 | 100.0 | 90.6 |
| 1977 | 75.0 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 87.5 | 87.5 | 91.7 |
| 1978 | 50.0 | 87.5 | 100.0 | 100.0 | 75.0 | 100.0 | 75.0 | 100.0 | 75.0 | 100.0 | 100.0 | 100.0 | 88.5 |
| 1979 | 25.0 | 75.0 | 100.0 | 0 | 87.5 | 62.5 | 75.0 | 50.0 | 37.5 | 87.5 | 62.5 | 37.5 | 58.3 |
| 1980 | 100.0 | 50.0 | 37.5 | 0 | 0 | 25.0 | 25.0 | 100.0 | 87.5 | 100.0 | 75.0 | 75.0 | 56.2 |
| 1981 | 62.5 | 50.0 | 75.0 | 75.0 | 37.5 | 87.5 | 87.5 | 25.0 | 12.5 | 0 | 0 | 0 | 42.7 |
| 1982 | 0 | 87.5 | 50.0 | 25.0 | 62.5 | 0 | 12.5 | 0 | 0 | 25.0 | 75.0 | 37.5 | 31.2 |
| 1983 | 75.0 | 25.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.5 |
| 1984 | 100.0 | 87.5 | 87.5 | 75.0 | 75.0 | 100.0 | 75.0 | 75.0 | 75.0 | 50.0 | 100.0 | 87.5 | 82.3 |
| 1985 | 50.0 | 100.0 | 100.0 | 100.0 | 75.0 | 50.0 | 25.0 | 100.0 | 100.0 | 50.0 | 100.0 | 75.0 | 77.1 |
| 1986 | 75.0 | 50.0 | 50.0 | 100.0 | 37.5 | 25.0 | 50.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 71.9 |
| 1987 | 25.0 | 100.0 | 75.0 | 100.0 | 75.0 | 75.0 | 100.0 | 100.0 | 50.0 | 100.0 | 25.0 | 100.0 | 77.1 |
| 1988 | 75.0 | 87.5 | 100.0 | 75.0 | 100.0 | 100.0 | 75.0 | 75.0 | 50.0 | 100.0 | 75.0 | 100.0 | 84.4 |
| 1989 | 100.0 | 50.0 | 75.0 | 75.0 | 25.0 | 75.0 | 50.0 | 75.0 | 37.5 | 50.0 | 100.0 | 75.0 | 65.6 |
| 951. Diffusion index of 4 coincident indicator components (percent rising over 6-month span) | | | | | | | | | | | | | |
| 1948 | ..... | ..... | ..... | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 50.0 | 0 | 0 | 0 | ..... |
| 1949 | 0 | 0 | 0 | 0 | 0 | 25.0 | 0 | 50.0 | 50.0 | 100.0 | 75.0 | 100.0 | 33.3 |
| 1950 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 75.0 | 75.0 | 93.8 |
| 1951 | 75.0 | 100.0 | 75.0 | 50.0 | 50.0 | 50.0 | 62.5 | 75.0 | 50.0 | 100.0 | 100.0 | 100.0 | 74.0 |
| 1952 | 100.0 | 100.0 | 62.5 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.7 |
| 1953 | 100.0 | 100.0 | 100.0 | 100.0 | 62.5 | 25.0 | 25.0 | 25.0 | 0 | 0 | 0 | 0 | 44.8 |
| 1954 | 0 | 0 | 25.0 | 37.5 | 25.0 | 50.0 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 57.3 |
| 1955 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 97.9 |
| 1956 | 100.0 | 62.5 | 50.0 | 25.0 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 82.3 |
| 1957 | 50.0 | 75.0 | 50.0 | 62.5 | 25.0 | 25.0 | 25.0 | 12.5 | 0 | 0 | 0 | 0 | 27.1 |
| 1958 | 0 | 0 | 0 | 37.5 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 67.7 |
| 1959 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 50.0 | 12.5 | 50.0 | 50.0 | 100.0 | 100.0 | 100.0 | 78.1 |
| 1960 | 100.0 | 100.0 | 50.0 | 50.0 | 25.0 | 12.5 | 25.0 | 0 | 0 | 0 | 25.0 | 25.0 | 34.4 |
| 1961 | 25.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.7 |
| 1962 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1964 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1965 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1966 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 95.8 |
| 1967 | 75.0 | 75.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.7 |
| 1968 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1969 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 50.0 | 50.0 | 50.0 | 85.4 |
| 1970 | 50.0 | 50.0 | 12.5 | 25.0 | 25.0 | 50.0 | 0 | 0 | 0 | 50.0 | 37.5 | 75.0 | 31.2 |
| 1971 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1972 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1973 | 100.0 | 100.0 | 75.0 | 75.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 75.0 | 50.0 | 50.0 | 81.2 |
| 1974 | 50.0 | 25.0 | 50.0 | 75.0 | 50.0 | 50.0 | 75.0 | 0 | 0 | 0 | 0 | 0 | 31.2 |
| 1975 | 0 | 0 | 0 | 12.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 67.7 |
| 1976 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 |
| 1977 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 97.9 |
| 1978 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1979 | 75.0 | 100.0 | 87.5 | 100.0 | 50.0 | 25.0 | 100.0 | 75.0 | 75.0 | 100.0 | 75.0 | 50.0 | 76.0 |
| 1980 | 25.0 | 0 | 0 | 0 | 0 | 12.5 | 50.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 49.0 |
| 1981 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 50.0 | 50.0 | 25.0 | 0 | 0 | 0 | 0 | 41.7 |
| 1982 | 0 | 50.0 | 12.5 | 25.0 | 0 | 0 | 0 | 0 | 0 | 37.5 | 50.0 | 75.0 | 20.8 |
| 1983 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1984 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 75.0 | 100.0 | 95.8 |
| 1985 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 75.0 | 93.8 |
| 1986 | 100.0 | 100.0 | 75.0 | 75.0 | 75.0 | 100.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.7 |
| 1987 | 100.0 | 100.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 |
| 1988 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1989 | 100.0 | 100.0 | 75.0 | 75.0 | 100.0 | 75.0 | 25.0 | 75.0 | 100.0 | 50.0 | 75.0 | 100.0 | 79.2 |

NOTE.—Diffusion indexes are centered within the spans: 1-month indexes are placed on the ending month, and 6-month indexes are placed on the 4th month.

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 952. Diffusion index of 7 lagging indicator components (percent rising over 1-month span) | | | | | | | | | | | | | |
| 1948 | ..... | 75.0 | 50.0 | 58.3 | 58.3 | 66.7 | 91.7 | 75.0 | 75.0 | 50.0 | 75.0 | 33.3 | ..... |
| 1949 | 58.3 | 58.3 | 41.7 | 33.3 | 58.3 | 25.0 | 41.7 | 25.0 | 25.0 | 83.3 | 25.0 | 66.7 | 45.1 |
| 1950 | 58.3 | 41.7 | 16.7 | 41.7 | 41.7 | 41.7 | 58.3 | 75.0 | 91.7 | 66.7 | 75.0 | 50.0 | 54.9 |
| 1951 | 75.0 | 66.7 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 41.7 | 66.7 | 58.3 | 66.7 | 83.3 | 62.5 |
| 1952 | 58.3 | 41.7 | 75.0 | 41.7 | 75.0 | 91.7 | 58.3 | 8.3 | 58.3 | 58.3 | 58.3 | 75.0 | 58.3 |
| 1953 | 75.0 | 75.0 | 58.3 | 100.0 | 66.7 | 50.0 | 41.7 | 58.3 | 58.3 | 50.0 | 58.3 | 58.3 | 62.5 |
| 1954 | 25.0 | 25.0 | 25.0 | 16.7 | 25.0 | 25.0 | 33.3 | 16.7 | 25.0 | 41.7 | 58.3 | 58.3 | 31.2 |
| 1955 | 50.0 | 41.7 | 58.3 | 41.7 | 75.0 | 91.7 | 58.3 | 100.0 | 83.3 | 100.0 | 83.3 | 58.3 | 70.1 |
| 1956 | 75.0 | 75.0 | 75.0 | 83.3 | 100.0 | 66.7 | 78.6 | 42.9 | 57.1 | 35.7 | 71.4 | 42.9 | 67.0 |
| 1957 | 71.4 | 28.6 | 64.3 | 78.6 | 85.7 | 50.0 | 78.6 | 50.0 | 78.6 | 50.0 | 78.6 | 57.1 | 64.3 |
| 1958 | 21.4 | 42.9 | 35.7 | 7.1 | 14.3 | 14.3 | 14.3 | 7.1 | 42.9 | 35.7 | 35.7 | 78.6 | 29.2 |
| 1959 | 50.0 | 64.3 | 78.6 | 71.4 | 85.7 | 71.4 | 78.6 | 92.9 | 85.7 | 85.7 | 28.6 | 28.6 | 68.5 |
| 1960 | 35.7 | 64.3 | 92.9 | 64.3 | 85.7 | 64.3 | 50.0 | 42.9 | 42.9 | 28.6 | 78.6 | 35.7 | 57.2 |
| 1961 | 50.0 | 28.6 | 21.4 | 50.0 | 21.4 | 21.4 | 21.4 | 64.3 | 71.4 | 57.1 | 50.0 | 85.7 | 45.2 |
| 1962 | 85.7 | 64.3 | 64.3 | 71.4 | 78.6 | 78.6 | 64.3 | 57.1 | 50.0 | 42.9 | 64.3 | 50.0 | 64.3 |
| 1963 | 57.1 | 42.9 | 42.9 | 57.1 | 71.4 | 71.4 | 57.1 | 92.9 | 64.3 | 57.1 | 78.6 | 64.3 | 63.1 |
| 1964 | 42.9 | 57.1 | 57.1 | 64.3 | 35.7 | 85.7 | 42.9 | 78.6 | 64.3 | 78.6 | 42.9 | 50.0 | 58.3 |
| 1965 | 78.6 | 57.1 | 50.0 | 71.4 | 71.4 | 57.1 | 50.0 | 64.3 | 64.3 | 64.3 | 64.3 | 71.4 | 63.7 |
| 1966 | 71.4 | 71.4 | 50.0 | 92.9 | 71.4 | 78.6 | 78.6 | 57.1 | 57.1 | 50.0 | 78.6 | 57.1 | 67.8 |
| 1967 | 42.9 | 57.1 | 50.0 | 35.7 | 50.0 | 64.3 | 57.1 | 14.3 | 64.3 | 50.0 | 28.6 | 57.1 | 47.6 |
| 1968 | 50.0 | 64.3 | 78.6 | 78.6 | 42.9 | 78.6 | 57.1 | 64.3 | 57.1 | 57.1 | 57.1 | 64.3 | 62.5 |
| 1969 | 78.6 | 71.4 | 57.1 | 78.6 | 85.7 | 85.7 | 50.0 | 42.9 | 64.3 | 64.3 | 64.3 | 57.1 | 66.7 |
| 1970 | 78.6 | 57.1 | 42.9 | 42.9 | 35.7 | 50.0 | 28.6 | 57.1 | 7.1 | 42.9 | 21.4 | 7.1 | 39.3 |
| 1971 | 28.6 | 50.0 | 28.6 | 7.1 | 42.9 | 28.6 | 71.4 | 92.9 | 50.0 | 21.4 | 28.6 | 42.9 | 41.1 |
| 1972 | 14.3 | 28.6 | 64.3 | 42.9 | 78.6 | 50.0 | 42.9 | 35.7 | 35.7 | 42.9 | 50.0 | 57.1 | 45.2 |
| 1973 | 78.6 | 85.7 | 71.4 | 100.0 | 64.3 | 71.4 | 64.3 | 42.9 | 85.7 | 57.1 | 57.1 | 64.3 | 70.2 |
| 1974 | 57.1 | 50.0 | 28.6 | 50.0 | 71.4 | 57.1 | 50.0 | 64.3 | 64.3 | 42.9 | 71.4 | 42.9 | 54.2 |
| 1975 | 28.6 | 35.7 | 28.6 | 0 | 0 | 0 | 42.9 | 14.3 | 28.6 | 50.0 | 28.6 | 57.1 | 26.2 |
| 1976 | 28.6 | 42.9 | 42.9 | 50.0 | 50.0 | 57.1 | 50.0 | 57.1 | 57.1 | 64.3 | 28.6 | 35.7 | 47.0 |
| 1977 | 42.9 | 64.3 | 64.3 | 71.4 | 71.4 | 71.4 | 64.3 | 78.6 | 64.3 | 71.4 | 85.7 | 42.9 | 66.1 |
| 1978 | 78.6 | 71.4 | 85.7 | 50.0 | 85.7 | 71.4 | 85.7 | 71.4 | 78.6 | 50.0 | 92.9 | 71.4 | 74.4 |
| 1979 | 71.4 | 64.3 | 57.1 | 92.9 | 50.0 | 71.4 | 71.4 | 57.1 | 85.7 | 57.1 | 64.3 | 50.0 | 66.1 |
| 1980 | 71.4 | 71.4 | 57.1 | 57.1 | 57.1 | 50.0 | 0 | 0 | 28.6 | 14.3 | 50.0 | 50.0 | 42.2 |
| 1981 | 35.7 | 42.9 | 42.9 | 71.4 | 100.0 | 71.4 | 50.0 | 64.3 | 85.7 | 71.4 | 57.1 | 57.1 | 62.5 |
| 1982 | 64.3 | 28.6 | 28.6 | 28.6 | 35.7 | 64.3 | 35.7 | 57.1 | 35.7 | 14.3 | 14.3 | 28.6 | 36.3 |
| 1983 | 28.6 | 50.0 | 42.9 | 28.6 | 21.4 | 57.1 | 42.9 | 71.4 | 57.1 | 42.9 | 78.6 | 78.6 | 50.0 |
| 1984 | 57.1 | 92.9 | 64.3 | 85.7 | 78.6 | 57.1 | 85.7 | 92.9 | 85.7 | 64.3 | 50.0 | 64.3 | 73.2 |
| 1985 | 71.4 | 42.9 | 57.1 | 28.6 | 57.1 | 57.1 | 78.6 | 57.1 | 50.0 | 71.4 | 50.0 | 71.4 | 57.7 |
| 1986 | 64.3 | 50.0 | 85.7 | 21.4 | 42.9 | 42.9 | 50.0 | 28.6 | 28.6 | 78.6 | 35.7 | 28.6 | 46.4 |
| 1987 | 78.6 | 28.6 | 64.3 | 50.0 | 42.9 | 50.0 | 35.7 | 35.7 | 85.7 | 78.6 | 50.0 | 35.7 | 53.0 |
| 1988 | 78.6 | 42.9 | 64.3 | 57.1 | 35.7 | 64.3 | 50.0 | 64.3 | 64.3 | 64.3 | 71.4 | 50.0 | 58.9 |
| 1989 | 71.4 | 78.6 | 64.3 | 35.7 | 64.3 | 50.0 | 57.1 | 57.1 | 35.7 | 35.7 | 57.1 | 42.9 | 54.2 |
| 952. Diffusion index of 7 lagging indicator components (percent rising over 6-month span) | | | | | | | | | | | | | |
| 1948 | ..... | ..... | ..... | 75.0 | 66.7 | 83.3 | 66.7 | 100.0 | 91.7 | 100.0 | 75.0 | 75.0 | ..... |
| 1949 | 58.3 | 41.7 | 41.7 | 41.7 | 33.3 | 25.0 | 41.7 | 25.0 | 33.3 | 25.0 | 58.3 | 58.3 | 40.3 |
| 1950 | 58.3 | 58.3 | 58.3 | 41.7 | 41.7 | 66.7 | 83.3 | 100.0 | 100.0 | 83.3 | 83.3 | 83.3 | 71.5 |
| 1951 | 83.3 | 83.3 | 66.7 | 83.3 | 75.0 | 58.3 | 66.7 | 66.7 | 58.3 | 66.7 | 83.3 | 83.3 | 72.9 |
| 1952 | 58.3 | 66.7 | 66.7 | 58.3 | 58.3 | 58.3 | 58.3 | 41.7 | 41.7 | 41.7 | 58.3 | 58.3 | 55.6 |
| 1953 | 91.7 | 91.7 | 100.0 | 100.0 | 83.3 | 83.3 | 66.7 | 66.7 | 75.0 | 58.3 | 58.3 | 50.0 | 77.1 |
| 1954 | 41.7 | 16.7 | 0 | 8.3 | 0 | 0 | 8.3 | 8.3 | 8.3 | 25.0 | 41.7 | 41.7 | 16.7 |
| 1955 | 41.7 | 41.7 | 50.0 | 58.3 | 91.7 | 83.3 | 100.0 | 91.7 | 91.7 | 100.0 | 83.3 | 100.0 | 77.8 |
| 1956 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.3 | 75.0 | 75.0 | 57.1 | 71.4 | 71.4 | 64.3 | 83.1 |
| 1957 | 78.6 | 78.6 | 78.6 | 64.3 | 85.7 | 85.7 | 71.4 | 71.4 | 57.1 | 57.1 | 57.1 | 42.9 | 69.0 |
| 1958 | 28.6 | 14.3 | 0 | 0 | 0 | 0 | 14.3 | 28.6 | 28.6 | 28.6 | 71.4 | 71.4 | 23.8 |
| 1959 | 71.4 | 85.7 | 85.7 | 85.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 85.7 | 57.1 | 57.1 | 85.7 |
| 1960 | 50.0 | 64.3 | 78.6 | 78.6 | 71.4 | 71.4 | 57.1 | 57.1 | 35.7 | 42.9 | 42.9 | 35.7 | 57.1 |
| 1961 | 28.6 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 28.6 | 50.0 | 64.3 | 71.4 | 64.3 | 36.3 |
| 1962 | 78.6 | 92.9 | 78.6 | 92.9 | 85.7 | 64.3 | 64.3 | 50.0 | 57.1 | 64.3 | 50.0 | 35.7 | 67.9 |
| 1963 | 50.0 | 64.3 | 50.0 | 64.3 | 85.7 | 92.9 | 85.7 | 92.9 | 78.6 | 85.7 | 64.3 | 64.3 | 73.2 |
| 1964 | 64.3 | 35.7 | 42.9 | 35.7 | 50.0 | 50.0 | 57.1 | 64.3 | 64.3 | 78.6 | 64.3 | 64.3 | 56.0 |
| 1965 | 64.3 | 64.3 | 78.6 | 50.0 | 78.6 | 78.6 | 64.3 | 64.3 | 85.7 | 71.4 | 71.4 | 85.7 | 71.4 |
| 1966 | 92.9 | 100.0 | 100.0 | 85.7 | 85.7 | 85.7 | 71.4 | 85.7 | 71.4 | 57.1 | 42.9 | 42.9 | 76.8 |
| 1967 | 57.1 | 42.9 | 57.1 | 57.1 | 57.1 | 42.9 | 57.1 | 42.9 | 42.9 | 42.9 | 57.1 | 57.1 | 51.2 |
| 1968 | 64.3 | 78.6 | 85.7 | 71.4 | 100.0 | 85.7 | 78.6 | 57.1 | 71.4 | 85.7 | 57.1 | 78.6 | 76.2 |
| 1969 | 78.6 | 100.0 | 100.0 | 100.0 | 78.6 | 78.6 | 92.9 | 71.4 | 57.1 | 78.6 | 78.6 | 57.1 | 81.0 |
| 1970 | 57.1 | 42.9 | 42.9 | 42.9 | 42.9 | 28.6 | 28.6 | 28.6 | 14.3 | 21.4 | 14.3 | 28.6 | 32.8 |
| 1971 | 28.6 | 28.6 | 14.3 | 14.3 | 35.7 | 42.9 | 57.1 | 57.1 | 42.9 | 14.3 | 0 | 28.6 | 30.4 |
| 1972 | 42.9 | 28.6 | 42.9 | 71.4 | 71.4 | 71.4 | 71.4 | 42.9 | 42.9 | 64.3 | 71.4 | 85.7 | 58.9 |
| 1973 | 85.7 | 100.0 | 100.0 | 100.0 | 71.4 | 85.7 | 71.4 | 71.4 | 100.0 | 71.4 | 85.7 | 64.3 | 83.9 |
| 1974 | 100.0 | 100.0 | 85.7 | 57.1 | 57.1 | 71.4 | 57.1 | 50.0 | 57.1 | 57.1 | 42.9 | 28.6 | 63.7 |
| 1975 | 28.6 | 28.6 | 0 | 0 | 0 | 0 | 14.3 | 28.6 | 28.6 | 14.3 | 14.3 | 28.6 | 15.5 |
| 1976 | 42.9 | 42.9 | 28.6 | 57.1 | 64.3 | 71.4 | 57.1 | 28.6 | 42.9 | 57.1 | 57.1 | 57.1 | 50.6 |
| 1977 | 57.1 | 57.1 | 78.6 | 71.4 | 92.9 | 100.0 | 85.7 | 78.6 | 78.6 | 85.7 | 85.7 | 78.6 | 79.2 |
| 1978 | 85.7 | 71.4 | 78.6 | 71.4 | 71.4 | 71.4 | 78.6 | 71.4 | 92.9 | 78.6 | 85.7 | 57.1 | 76.2 |
| 1979 | 85.7 | 78.6 | 100.0 | 85.7 | 78.6 | 85.7 | 71.4 | 85.7 | 57.1 | 57.1 | 71.4 | 57.1 | 76.2 |
| 1980 | 71.4 | 71.4 | 57.1 | 28.6 | 28.6 | 28.6 | 0 | 0 | 14.3 | 28.6 | 28.6 | 28.6 | 32.2 |
| 1981 | 42.9 | 78.6 | 64.3 | 71.4 | 57.1 | 85.7 | 85.7 | 71.4 | 57.1 | 71.4 | 71.4 | 50.0 | 67.2 |
| 1982 | 42.9 | 14.3 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 14.3 | 7.1 | 7.1 | 14.3 | 14.3 | 21.4 |
| 1983 | 14.3 | 14.3 | 28.6 | 28.6 | 28.6 | 42.9 | 57.1 | 71.4 | 85.7 | 85.7 | 85.7 | 85.7 | 52.4 |
| 1984 | 92.9 | 100.0 | 85.7 | 92.9 | 85.7 | 100.0 | 92.9 | 71.4 | 85.7 | 71.4 | 71.4 | 57.1 | 83.9 |
| 1985 | 42.9 | 42.9 | 50.0 | 64.3 | 57.1 | 57.1 | 71.4 | 64.3 | 57.1 | 71.4 | 85.7 | 85.7 | 62.5 |
| 1986 | 57.1 | 71.4 | 42.9 | 50.0 | 42.9 | 28.6 | 28.6 | 28.6 | 42.9 | 28.6 | 28.6 | 35.7 | 40.5 |
| 1987 | 50.0 | 42.9 | 35.7 | 57.1 | 57.1 | 71.4 | 57.1 | 85.7 | 64.3 | 78.6 | 85.7 | 71.4 | 63.1 |
| 1988 | 78.6 | 85.7 | 85.7 | 50.0 | 64.3 | 78.6 | 57.1 | 71.4 | 78.6 | 71.4 | 92.9 | 92.9 | 75.6 |
| 1989 | 78.6 | 85.7 | 71.4 | 71.4 | 57.1 | 42.9 | 71.4 | 64.3 | 42.9 | 35.7 | 28.6 | 28.6 | 56.6 |

NOTE.—Diffusion indexes are centered within the spans: 1-month indexes are placed on the ending month, and 6-month indexes are placed on the 4th month.

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Average weekly hours of production or nonsupervisory workers, manufacturing (hours) | | | | | | | | | | | | | |
| 1948 | 40.4 | 40.2 | 40.4 | 40.4 | 40.2 | 40.2 | 40.1 | 40.0 | 39.6 | 39.7 | 39.7 | 39.5 | 40.0 |
| 1949 | 39.4 | 39.4 | 39.1 | 38.8 | 38.9 | 38.9 | 39.1 | 39.0 | 39.4 | 39.4 | 39.0 | 39.3 | 39.1 |
| 1950 | 39.6 | 39.7 | 39.7 | 40.1 | 40.2 | 40.5 | 40.8 | 41.1 | 40.8 | 40.9 | 40.9 | 40.8 | 40.5 |
| 1951 | 40.8 | 40.8 | 41.0 | 41.2 | 40.9 | 40.7 | 40.5 | 40.2 | 40.4 | 40.2 | 40.3 | 40.6 | 40.6 |
| 1952 | 40.7 | 40.7 | 40.6 | 40.1 | 40.4 | 40.5 | 40.1 | 40.5 | 41.0 | 41.1 | 41.0 | 41.1 | 40.7 |
| 1953 | 41.0 | 41.0 | 41.1 | 41.1 | 40.9 | 40.7 | 40.6 | 40.4 | 39.8 | 40.0 | 39.8 | 39.6 | 40.5 |
| 1954 | 39.5 | 39.7 | 39.5 | 39.4 | 39.5 | 39.6 | 39.6 | 39.7 | 39.5 | 39.6 | 40.1 | 40.0 | 39.6 |
| 1955 | 40.3 | 40.5 | 40.7 | 40.6 | 40.9 | 40.6 | 40.6 | 40.6 | 40.7 | 40.9 | 41.0 | 40.8 | 40.7 |
| 1956 | 40.8 | 40.6 | 40.4 | 40.6 | 40.2 | 40.1 | 40.2 | 40.2 | 40.4 | 40.5 | 40.4 | 40.5 | 40.4 |
| 1957 | 40.3 | 40.4 | 40.2 | 40.1 | 39.8 | 39.9 | 39.9 | 39.8 | 39.7 | 39.3 | 39.2 | 39.0 | 39.8 |
| 1958 | 38.8 | 38.6 | 38.7 | 38.6 | 38.8 | 39.0 | 39.2 | 39.4 | 39.6 | 39.5 | 39.8 | 39.8 | 39.2 |
| 1959 | 40.1 | 40.2 | 40.4 | 40.5 | 40.6 | 40.5 | 40.2 | 40.3 | 40.1 | 40.1 | 39.8 | 40.2 | 40.3 |
| 1960 | 40.5 | 40.1 | 39.9 | 39.7 | 40.0 | 39.8 | 39.8 | 39.7 | 39.4 | 39.6 | 39.2 | 38.4 | 39.7 |
| 1961 | 39.2 | 39.3 | 39.4 | 39.6 | 39.6 | 39.9 | 40.0 | 40.1 | 39.5 | 40.2 | 40.5 | 40.3 | 39.8 |
| 1962 | 40.0 | 40.3 | 40.5 | 40.7 | 40.5 | 40.4 | 40.4 | 40.3 | 40.5 | 40.2 | 40.3 | 40.2 | 40.4 |
| 1963 | 40.4 | 40.3 | 40.4 | 40.2 | 40.5 | 40.6 | 40.5 | 40.4 | 40.6 | 40.6 | 40.5 | 40.6 | 40.5 |
| 1964 | 40.1 | 40.6 | 40.6 | 40.8 | 40.7 | 40.7 | 40.8 | 40.9 | 40.5 | 40.6 | 40.8 | 41.1 | 40.7 |
| 1965 | 41.2 | 41.2 | 41.4 | 41.0 | 41.2 | 41.1 | 41.1 | 41.0 | 40.8 | 41.2 | 41.3 | 41.4 | 41.2 |
| 1966 | 41.4 | 41.6 | 41.5 | 41.5 | 41.4 | 41.4 | 41.2 | 41.4 | 41.3 | 41.3 | 41.2 | 40.9 | 41.4 |
| 1967 | 41.0 | 40.4 | 40.4 | 40.5 | 40.4 | 40.4 | 40.5 | 40.6 | 40.7 | 40.6 | 40.6 | 40.7 | 40.6 |
| 1968 | 40.3 | 40.9 | 40.7 | 40.0 | 40.9 | 40.9 | 40.8 | 40.7 | 40.9 | 40.9 | 40.8 | 40.7 | 40.7 |
| 1969 | 40.7 | 40.4 | 40.8 | 40.7 | 40.7 | 40.7 | 40.6 | 40.6 | 40.7 | 40.6 | 40.4 | 40.5 | 40.6 |
| 1970 | 40.4 | 40.2 | 40.1 | 39.9 | 39.8 | 39.9 | 40.0 | 39.8 | 39.3 | 39.5 | 39.5 | 39.5 | 39.8 |
| 1971 | 39.9 | 39.7 | 39.8 | 39.7 | 39.9 | 40.0 | 39.9 | 39.8 | 39.4 | 39.9 | 40.0 | 40.2 | 39.9 |
| 1972 | 40.2 | 40.4 | 40.4 | 40.7 | 40.5 | 40.6 | 40.5 | 40.6 | 40.6 | 40.7 | 40.8 | 40.5 | 40.5 |
| 1973 | 40.4 | 40.9 | 40.8 | 40.9 | 40.7 | 40.6 | 40.7 | 40.5 | 40.7 | 40.6 | 40.7 | 40.6 | 40.7 |
| 1974 | 40.5 | 40.4 | 40.4 | 39.3 | 40.3 | 40.2 | 40.2 | 40.2 | 40.0 | 40.0 | 39.5 | 39.3 | 40.0 |
| 1975 | 39.2 | 38.9 | 38.8 | 39.2 | 39.0 | 39.2 | 39.4 | 39.7 | 39.9 | 39.8 | 39.9 | 40.2 | 39.5 |
| 1976 | 40.5 | 40.3 | 40.2 | 39.6 | 40.3 | 40.2 | 40.3 | 40.1 | 39.8 | 40.0 | 40.1 | 40.0 | 40.1 |
| 1977 | 39.7 | 40.3 | 40.2 | 40.4 | 40.4 | 40.5 | 40.3 | 40.4 | 40.4 | 40.5 | 40.4 | 40.4 | 40.3 |
| 1978 | 39.6 | 39.9 | 40.5 | 40.8 | 40.4 | 40.5 | 40.6 | 40.5 | 40.6 | 40.5 | 40.6 | 40.6 | 40.4 |
| 1979 | 40.5 | 40.5 | 40.6 | 39.2 | 40.2 | 40.2 | 40.2 | 40.1 | 40.2 | 40.2 | 40.1 | 40.2 | 40.2 |
| 1980 | 40.0 | 40.1 | 39.8 | 39.5 | 39.3 | 39.2 | 39.1 | 39.4 | 39.6 | 39.8 | 40.0 | 40.3 | 39.7 |
| 1981 | 40.1 | 39.9 | 40.0 | 40.1 | 40.1 | 40.0 | 39.9 | 39.9 | 39.7 | 39.7 | 39.4 | 39.4 | 39.8 |
| 1982 | 38.0 | 39.6 | 39.1 | 38.9 | 39.0 | 39.1 | 39.2 | 39.0 | 39.0 | 38.9 | 39.1 | 39.1 | 38.9 |
| 1983 | 39.4 | 39.2 | 39.6 | 39.8 | 40.0 | 40.1 | 40.3 | 40.3 | 40.6 | 40.7 | 40.6 | 40.6 | 40.1 |
| 1984 | 40.7 | 41.0 | 40.7 | 40.9 | 40.7 | 40.7 | 40.6 | 40.5 | 40.5 | 40.5 | 40.5 | 40.6 | 40.7 |
| 1985 | 40.4 | 40.1 | 40.4 | 40.3 | 40.4 | 40.5 | 40.4 | 40.6 | 40.6 | 40.7 | 40.7 | 40.9 | 40.5 |
| 1986 | 40.8 | 40.6 | 40.8 | 40.6 | 40.7 | 40.6 | 40.6 | 40.8 | 40.7 | 40.7 | 40.8 | 40.9 | 40.7 |
| 1987 | 40.9 | 41.1 | 41.0 | 40.9 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.2 | 41.2 | 41.1 | 41.0 |
| 1988 | 41.1 | 41.0 | 41.0 | 41.1 | 41.0 | 41.1 | 41.1 | 41.0 | 41.1 | 41.2 | 41.2 | 41.0 | 41.1 |
| 1989 | 41.1 | 41.1 | 41.0 | 41.1 | 41.0 | 41.0 | 41.0 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 41.0 |
| 5. Average weekly initial claims for unemployment insurance, State programs (thous.) | | | | | | | | | | | | | |
| 1948 | 166 | 206 | 201 | 210 | 239 | 219 | 194 | 202 | 218 | 203 | 211 | 234 | 209 |
| 1949 | 285 | 305 | 333 | 379 | 377 | 359 | 340 | 385 | 320 | 386 | 344 | 298 | 343 |
| 1950 | 294 | 288 | 276 | 263 | 250 | 252 | 223 | 170 | 182 | 194 | 200 | 197 | 232 |
| 1951 | 174 | 181 | 166 | 199 | 199 | 209 | 236 | 254 | 242 | 234 | 210 | 213 | 210 |
| 1952 | 221 | 201 | 209 | 219 | 213 | 242 | 315 | 207 | 168 | 175 | 169 | 190 | 211 |
| 1953 | 175 | 177 | 188 | 179 | 198 | 195 | 207 | 229 | 238 | 251 | 298 | 280 | 218 |
| 1954 | 303 | 318 | 320 | 313 | 313 | 314 | 294 | 319 | 322 | 315 | 276 | 253 | 305 |
| 1955 | 256 | 240 | 228 | 228 | 222 | 222 | 223 | 233 | 204 | 224 | 215 | 214 | 226 |
| 1956 | 218 | 226 | 221 | 223 | 236 | 227 | 245 | 224 | 236 | 214 | 223 | 230 | 227 |
| 1957 | 242 | 225 | 219 | 239 | 244 | 246 | 267 | 235 | 305 | 302 | 320 | 355 | 267 |
| 1958 | 354 | 407 | 436 | 438 | 400 | 410 | 350 | 363 | 338 | 314 | 311 | 320 | 370 |
| 1959 | 292 | 284 | 258 | 244 | 246 | 258 | 264 | 291 | 271 | 311 | 351 | 275 | 279 |
| 1960 | 281 | 271 | 303 | 294 | 316 | 322 | 335 | 363 | 351 | 373 | 385 | 381 | 331 |
| 1961 | 393 | 429 | 379 | 381 | 358 | 334 | 348 | 316 | 329 | 304 | 305 | 296 | 348 |
| 1962 | 301 | 295 | 287 | 283 | 301 | 304 | 303 | 305 | 300 | 304 | 299 | 310 | 299 |
| 1963 | 310 | 301 | 288 | 293 | 288 | 284 | 282 | 290 | 285 | 282 | 276 | 301 | 290 |
| 1964 | 283 | 270 | 277 | 265 | 262 | 257 | 260 | 244 | 245 | 249 | 262 | 251 | 260 |
| 1965 | 243 | 248 | 237 | 237 | 224 | 224 | 231 | 248 | 218 | 209 | 212 | 206 | 228 |
| 1966 | 222 | 219 | 182 | 179 | 192 | 194 | 199 | 195 | 197 | 203 | 208 | 219 | 201 |
| 1967 | 196 | 231 | 256 | 259 | 236 | 231 | 231 | 212 | 217 | 220 | 209 | 204 | 225 |
| 1968 | 206 | 196 | 194 | 193 | 195 | 194 | 192 | 199 | 194 | 188 | 190 | 190 | 194 |
| 1969 | 179 | 186 | 185 | 181 | 182 | 197 | 195 | 196 | 195 | 202 | 211 | 210 | 193 |
| 1970 | 240 | 256 | 262 | 326 | 302 | 291 | 273 | 287 | 319 | 329 | 322 | 299 | 292 |
| 1971 | 292 | 286 | 294 | 281 | 290 | 289 | 285 | 325 | 307 | 294 | 283 | 265 | 291 |
| 1972 | 264 | 262 | 258 | 260 | 262 | 286 | 272 | 246 | 245 | 250 | 241 | 236 | 257 |
| 1973 | 226 | 223 | 227 | 238 | 234 | 233 | 232 | 247 | 241 | 244 | 251 | 284 | 240 |
| 1974 | 294 | 315 | 302 | 289 | 294 | 314 | 294 | 350 | 374 | 419 | 473 | 494 | 351 |
| 1975 | 522 | 532 | 536 | 521 | 496 | 491 | 442 | 449 | 447 | 420 | 393 | 364 | 468 |
| 1976 | 360 | 340 | 358 | 371 | 392 | 394 | 393 | 389 | 410 | 409 | 390 | 361 | 381 |
| 1977 | 394 | 427 | 346 | 371 | 378 | 358 | 370 | 368 | 363 | 357 | 347 | 342 | 368 |
| 1978 | 343 | 381 | 335 | 322 | 324 | 331 | 347 | 339 | 321 | 326 | 340 | 347 | 338 |
| 1979 | 353 | 352 | 346 | 411 | 341 | 358 | 377 | 383 | 378 | 400 | 420 | 428 | 379 |
| 1980 | 416 | 397 | 438 | 532 | 616 | 581 | 510 | 495 | 488 | 447 | 422 | 420 | 480 |
| 1981 | 424 | 410 | 413 | 395 | 401 | 405 | 395 | 421 | 483 | 517 | 539 | 551 | 446 |
| 1982 | 563 | 514 | 566 | 566 | 585 | 551 | 533 | 605 | 653 | 651 | 616 | 531 | 578 |
| 1983 | 507 | 478 | 479 | 470 | 453 | 406 | 380 | 408 | 387 | 386 | 381 | 378 | 426 |
| 1984 | 364 | 345 | 348 | 360 | 348 | 350 | 365 | 358 | 368 | 405 | 397 | 386 | 366 |
| 1985 | 378 | 402 | 389 | 387 | 383 | 392 | 381 | 375 | 381 | 367 | 371 | 391 | 383 |
| 1986 | 375 | 384 | 393 | 374 | 378 | 378 | 370 | 379 | 377 | 364 | 352 | 350 | 373 |
| 1987 | 355 | 350 | 338 | 329 | 325 | 325 | 321 | 299 | 293 | 294 | 300 | 311 | 320 |
| 1988 | 348 | 314 | 303 | 299 | 305 | 294 | 321 | 298 | 290 | 290 | 297 | 301 | 305 |
| 1989 | 296 | 303 | 318 | 299 | 312 | 328 | 338 | 316 | 320 | 357 | 343 | 354 | 324 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8. Manufacturers' new orders in 1982 dollars, consumer goods and materials industries (bil. $) | | | | | | | | | | | | | |
| 1948 | 28.07 | 27.81 | 29.30 | 28.50 | 29.36 | 31.59 | 31.07 | 30.64 | 28.93 | 27.99 | 27.11 | 25.95 | 346.32 |
| 1949 | 25.06 | 24.27 | 23.77 | 22.71 | 22.82 | 21.78 | 23.31 | 26.99 | 27.22 | 25.42 | 26.54 | 26.06 | 295.95 |
| 1950 | 28.09 | 28.21 | 28.01 | 29.32 | 32.70 | 32.98 | 41.08 | 46.00 | 36.33 | 36.67 | 33.42 | 35.39 | 408.20 |
| 1951 | 46.14 | 41.27 | 42.38 | 38.58 | 37.05 | 35.87 | 35.67 | 32.57 | 31.25 | 34.62 | 33.37 | 32.30 | 441.07 |
| 1952 | 32.84 | 33.04 | 36.92 | 38.10 | 33.55 | 38.97 | 36.62 | 35.76 | 37.73 | 35.78 | 35.92 | 38.81 | 434.04 |
| 1953 | 42.17 | 40.40 | 40.97 | 42.38 | 41.27 | 40.52 | 40.11 | 35.03 | 31.34 | 30.32 | 30.86 | 31.14 | 446.51 |
| 1954 | 31.11 | 32.75 | 32.86 | 33.00 | 33.00 | 34.69 | 33.17 | 34.15 | 35.92 | 36.35 | 38.52 | 41.29 | 416.81 |
| 1955 | 43.31 | 42.97 | 46.00 | 44.77 | 44.43 | 45.32 | 46.16 | 44.77 | 44.05 | 43.55 | 45.18 | 44.30 | 534.81 |
| 1956 | 42.97 | 41.72 | 41.45 | 42.06 | 40.74 | 39.79 | 40.04 | 40.61 | 39.56 | 40.86 | 41.02 | 41.40 | 492.22 |
| 1957 | 40.47 | 42.15 | 41.29 | 39.97 | 39.79 | 40.13 | 38.54 | 38.99 | 39.13 | 37.46 | 35.99 | 33.94 | 467.85 |
| 1958 | 35.69 | 33.85 | 33.49 | 33.32 | 34.38 | 36.42 | 37.66 | 38.42 | 39.54 | 39.37 | 41.30 | 40.95 | 444.39 |
| 1959 | 43.25 | 47.65 | 45.99 | 44.88 | 43.48 | 43.77 | 43.03 | 40.50 | 42.34 | 40.86 | 39.83 | 42.81 | 518.39 |
| 1960 | 42.40 | 42.48 | 39.98 | 39.75 | 40.01 | 40.69 | 41.03 | 40.98 | 41.55 | 40.03 | 39.64 | 39.55 | 488.09 |
| 1961 | 38.04 | 38.27 | 40.58 | 41.52 | 42.88 | 44.01 | 42.55 | 44.28 | 43.76 | 43.79 | 46.29 | 47.91 | 513.88 |
| 1962 | 47.01 | 46.45 | 45.62 | 42.90 | 44.64 | 43.83 | 45.32 | 45.88 | 46.30 | 46.83 | 46.80 | 45.73 | 547.31 |
| 1963 | 47.08 | 49.16 | 49.39 | 50.04 | 49.00 | 47.50 | 49.46 | 47.78 | 48.28 | 50.09 | 50.02 | 49.94 | 587.74 |
| 1964 | 51.99 | 51.24 | 50.80 | 52.83 | 52.15 | 52.52 | 54.36 | 52.69 | 55.56 | 52.52 | 54.00 | 56.32 | 636.98 |
| 1965 | 57.22 | 57.68 | 57.65 | 56.67 | 56.91 | 57.37 | 58.76 | 57.42 | 56.77 | 57.76 | 60.12 | 61.67 | 696.00 |
| 1966 | 60.98 | 62.17 | 64.49 | 62.16 | 61.80 | 62.34 | 61.21 | 61.49 | 61.35 | 61.91 | 60.81 | 60.25 | 740.96 |
| 1967 | 59.93 | 59.48 | 59.02 | 59.34 | 60.42 | 60.84 | 60.46 | 63.13 | 60.61 | 59.61 | 62.31 | 66.53 | 731.68 |
| 1968 | 64.66 | 64.54 | 64.49 | 63.50 | 64.74 | 64.69 | 63.80 | 62.27 | 66.35 | 67.98 | 68.94 | 67.19 | 783.15 |
| 1969 | 68.24 | 67.97 | 67.94 | 67.59 | 67.45 | 67.18 | 68.69 | 67.01 | 68.21 | 68.48 | 66.24 | 65.78 | 810.78 |
| 1970 | 63.68 | 62.36 | 62.06 | 61.71 | 62.29 | 63.66 | 61.66 | 61.11 | 61.92 | 57.76 | 57.74 | 63.28 | 739.23 |
| 1971 | 65.86 | 65.20 | 63.06 | 63.83 | 63.06 | 62.48 | 64.22 | 63.52 | 63.69 | 64.39 | 66.39 | 67.08 | 772.78 |
| 1972 | 68.86 | 70.10 | 69.76 | 69.94 | 70.36 | 71.72 | 71.21 | 73.71 | 75.11 | 75.81 | 77.58 | 78.66 | 872.82 |
| 1973 | 82.52 | 82.37 | 83.16 | 80.32 | 81.29 | 80.35 | 79.94 | 79.63 | 79.50 | 81.28 | 82.16 | 77.99 | 970.51 |
| 1974 | 79.77 | 78.17 | 77.06 | 77.13 | 79.08 | 78.40 | 76.24 | 74.70 | 72.22 | 70.63 | 68.14 | 61.16 | 892.70 |
| 1975 | 61.08 | 60.55 | 58.44 | 61.30 | 61.90 | 62.83 | 66.43 | 66.40 | 67.28 | 67.67 | 67.41 | 67.58 | 768.87 |
| 1976 | 69.34 | 71.02 | 72.52 | 72.62 | 73.58 | 74.01 | 74.71 | 73.30 | 72.77 | 71.17 | 75.04 | 76.89 | 876.97 |
| 1977 | 77.91 | 77.87 | 81.39 | 79.96 | 80.69 | 82.01 | 81.41 | 81.29 | 81.73 | 80.53 | 82.76 | 83.29 | 970.84 |
| 1978 | 80.10 | 82.34 | 83.51 | 87.06 | 86.74 | 86.07 | 84.53 | 86.31 | 85.14 | 87.15 | 88.31 | 89.07 | 1,026.33 |
| 1979 | 88.38 | 86.04 | 88.20 | 84.26 | 86.96 | 85.18 | 83.00 | 80.58 | 81.81 | 81.04 | 79.78 | 78.48 | 1,003.71 |
| 1980 | 81.11 | 80.57 | 75.56 | 69.85 | 67.11 | 66.94 | 69.96 | 70.82 | 75.43 | 78.35 | 77.79 | 77.55 | 891.04 |
| 1981 | 73.26 | 76.43 | 75.94 | 77.72 | 77.67 | 77.78 | 76.40 | 73.47 | 72.27 | 70.46 | 68.32 | 68.81 | 888.23 |
| 1982 | 67.72 | 67.09 | 69.79 | 68.32 | 69.27 | 68.90 | 69.06 | 66.72 | 68.23 | 64.96 | 65.09 | 65.22 | 810.37 |
| 1983 | 68.77 | 70.21 | 70.42 | 71.23 | 73.44 | 75.22 | 75.61 | 76.94 | 77.17 | 79.76 | 80.56 | 81.86 | 901.19 |
| 1984 | 82.23 | 82.62 | 80.78 | 81.06 | 81.62 | 78.84 | 81.15 | 80.79 | 77.92 | 79.28 | 79.70 | 79.44 | 965.43 |
| 1985 | 82.52 | 78.54 | 77.95 | 78.46 | 79.49 | 78.86 | 78.57 | 80.03 | 80.24 | 80.42 | 80.26 | 79.93 | 955.27 |
| 1986 | 82.68 | 80.43 | 78.37 | 81.08 | 78.35 | 80.34 | 79.00 | 79.78 | 82.52 | 81.31 | 79.46 | 84.69 | 968.01 |
| 1987 | 79.76 | 84.17 | 84.86 | 83.78 | 83.50 | 85.66 | 83.94 | 83.78 | 86.00 | 86.80 | 85.80 | 86.81 | 1,014.86 |
| 1988 | 83.32 | 85.50 | 85.40 | 85.74 | 87.83 | 87.77 | 85.10 | 87.49 | 88.06 | 87.89 | 89.72 | 92.64 | 1,046.46 |
| 1989 | 90.82 | 89.12 | 86.34 | 89.73 | 87.85 | 86.77 | 82.76 | 90.45 | 87.84 | 87.60 | 88.78 | 86.12 | 1,054.18 |
| 19. Index of stock prices, 500 common stocks, NSA (1941-43=10) | | | | | | | | | | | | | |
| 1948 | 14.83 | 14.10 | 14.30 | 15.40 | 16.15 | 16.82 | 16.42 | 15.94 | 15.76 | 16.19 | 15.29 | 15.19 | 15.53 |
| 1949 | 15.36 | 14.77 | 14.91 | 14.89 | 14.78 | 13.97 | 14.76 | 15.29 | 15.49 | 15.89 | 16.11 | 16.54 | 15.23 |
| 1950 | 16.88 | 17.21 | 17.35 | 17.84 | 18.44 | 18.74 | 17.38 | 18.43 | 19.08 | 19.87 | 19.83 | 19.75 | 18.40 |
| 1951 | 21.21 | 22.00 | 21.63 | 21.92 | 21.93 | 21.55 | 21.93 | 22.89 | 23.48 | 23.36 | 22.71 | 23.41 | 22.33 |
| 1952 | 24.19 | 23.75 | 23.81 | 23.74 | 23.73 | 24.38 | 25.08 | 25.18 | 24.78 | 24.26 | 25.03 | 26.04 | 24.50 |
| 1953 | 26.18 | 25.86 | 25.99 | 24.71 | 24.84 | 23.95 | 24.29 | 24.39 | 23.27 | 23.97 | 24.50 | 24.83 | 24.73 |
| 1954 | 25.46 | 26.02 | 26.57 | 27.63 | 28.73 | 28.96 | 30.13 | 30.73 | 31.45 | 32.18 | 33.44 | 34.97 | 29.69 |
| 1955 | 35.60 | 36.79 | 36.50 | 37.76 | 37.60 | 39.78 | 42.69 | 42.43 | 44.34 | 42.11 | 44.95 | 45.37 | 40.49 |
| 1956 | 44.15 | 44.43 | 47.49 | 48.05 | 46.54 | 46.27 | 48.78 | 48.49 | 46.84 | 46.24 | 45.76 | 46.44 | 46.62 |
| 1957 | 45.43 | 43.47 | 44.03 | 45.05 | 46.78 | 47.55 | 48.51 | 45.84 | 43.98 | 41.24 | 40.35 | 40.33 | 44.38 |
| 1958 | 41.12 | 41.26 | 42.11 | 42.34 | 43.70 | 44.75 | 45.98 | 47.70 | 48.96 | 50.95 | 52.50 | 53.49 | 46.24 |
| 1959 | 55.62 | 54.77 | 56.15 | 57.10 | 57.96 | 57.46 | 59.74 | 59.40 | 57.05 | 57.00 | 57.23 | 59.06 | 57.38 |
| 1960 | 58.03 | 55.78 | 55.02 | 55.73 | 55.22 | 57.26 | 55.84 | 56.51 | 54.81 | 53.73 | 55.47 | 56.80 | 55.85 |
| 1961 | 59.72 | 62.17 | 64.12 | 65.83 | 66.50 | 65.62 | 65.44 | 67.79 | 67.26 | 68.00 | 71.08 | 71.74 | 66.27 |
| 1962 | 69.07 | 70.22 | 70.29 | 68.05 | 62.99 | 55.63 | 56.97 | 58.52 | 58.00 | 56.17 | 60.04 | 62.64 | 62.38 |
| 1963 | 65.06 | 65.92 | 65.67 | 68.76 | 70.14 | 70.11 | 69.07 | 70.98 | 72.85 | 73.03 | 72.62 | 74.17 | 69.86 |
| 1964 | 76.45 | 77.39 | 78.80 | 79.94 | 80.72 | 80.24 | 83.22 | 82.00 | 83.41 | 84.85 | 85.44 | 83.96 | 81.37 |
| 1965 | 86.12 | 86.75 | 86.83 | 87.97 | 89.28 | 85.04 | 84.91 | 86.49 | 89.38 | 91.39 | 92.15 | 91.73 | 88.17 |
| 1966 | 93.32 | 92.69 | 88.88 | 91.60 | 86.78 | 86.06 | 85.84 | 80.65 | 77.81 | 77.13 | 80.99 | 81.33 | 85.26 |
| 1967 | 84.45 | 87.36 | 89.42 | 90.96 | 92.59 | 91.43 | 93.01 | 94.49 | 95.81 | 95.66 | 92.66 | 95.30 | 91.93 |
| 1968 | 95.04 | 90.75 | 89.09 | 95.67 | 97.87 | 100.53 | 100.30 | 98.11 | 101.34 | 103.76 | 105.40 | 106.48 | 98.70 |
| 1969 | 102.04 | 101.46 | 99.30 | 101.26 | 104.62 | 99.14 | 94.71 | 94.18 | 94.51 | 95.52 | 96.21 | 91.11 | 97.84 |
| 1970 | 90.31 | 87.16 | 88.65 | 85.95 | 76.06 | 75.59 | 75.72 | 77.92 | 82.58 | 84.37 | 84.28 | 90.05 | 83.22 |
| 1971 | 93.49 | 97.11 | 99.60 | 103.04 | 101.64 | 99.72 | 99.00 | 97.24 | 99.40 | 97.29 | 92.78 | 99.17 | 98.29 |
| 1972 | 103.30 | 105.24 | 107.69 | 108.81 | 107.65 | 108.01 | 107.21 | 111.01 | 109.39 | 109.56 | 115.05 | 117.50 | 109.20 |
| 1973 | 118.42 | 114.16 | 112.42 | 110.27 | 107.22 | 104.75 | 105.83 | 103.80 | 105.61 | 109.84 | 102.03 | 94.78 | 107.43 |
| 1974 | 96.11 | 93.45 | 97.44 | 92.46 | 89.67 | 89.79 | 82.82 | 76.03 | 68.12 | 69.44 | 71.74 | 67.07 | 82.84 |
| 1975 | 72.56 | 80.10 | 83.78 | 84.72 | 90.10 | 92.40 | 92.49 | 85.71 | 84.67 | 88.57 | 90.07 | 88.70 | 86.16 |
| 1976 | 96.86 | 100.64 | 101.08 | 101.93 | 101.16 | 101.77 | 104.20 | 103.29 | 105.45 | 101.89 | 101.19 | 104.66 | 102.01 |
| 1977 | 103.81 | 100.96 | 100.57 | 99.05 | 98.76 | 99.29 | 100.18 | 97.75 | 96.23 | 93.74 | 94.28 | 93.82 | 98.20 |
| 1978 | 90.25 | 88.98 | 88.82 | 92.71 | 97.41 | 97.66 | 97.19 | 103.92 | 103.86 | 100.58 | 94.71 | 96.11 | 96.02 |
| 1979 | 99.71 | 98.23 | 100.11 | 102.07 | 99.73 | 101.73 | 102.71 | 107.36 | 108.60 | 104.47 | 103.66 | 107.78 | 103.01 |
| 1980 | 110.87 | 115.34 | 104.69 | 102.97 | 107.69 | 114.55 | 119.83 | 123.50 | 126.51 | 130.22 | 135.65 | 133.48 | 118.78 |
| 1981 | 132.97 | 128.40 | 133.19 | 134.43 | 131.73 | 132.28 | 129.13 | 129.63 | 118.27 | 119.80 | 122.92 | 123.79 | 128.04 |
| 1982 | 117.28 | 114.50 | 110.84 | 116.31 | 116.35 | 109.70 | 109.38 | 109.65 | 122.43 | 132.66 | 138.10 | 139.37 | 119.71 |
| 1983 | 144.27 | 146.80 | 151.88 | 157.71 | 164.10 | 166.39 | 166.96 | 162.42 | 167.16 | 167.65 | 165.23 | 164.36 | 160.41 |
| 1984 | 166.39 | 157.25 | 157.44 | 157.60 | 156.55 | 153.12 | 151.08 | 164.42 | 166.11 | 164.82 | 166.27 | 164.48 | 160.46 |
| 1985 | 171.61 | 180.88 | 179.42 | 180.62 | 184.90 | 188.89 | 192.54 | 188.31 | 184.06 | 186.18 | 197.45 | 207.26 | 186.84 |
| 1986 | 208.19 | 219.37 | 232.33 | 237.98 | 238.46 | 245.30 | 240.18 | 245.00 | 238.27 | 237.36 | 245.09 | 248.61 | 236.34 |
| 1987 | 264.51 | 280.93 | 292.47 | 289.32 | 289.12 | 301.38 | 310.09 | 329.36 | 318.66 | 280.16 | 245.01 | 240.96 | 286.83 |
| 1988 | 250.48 | 258.13 | 265.74 | 262.61 | 256.12 | 270.68 | 269.05 | 263.73 | 267.97 | 277.40 | 271.02 | 276.51 | 265.79 |
| 1989 | 285.41 | 294.01 | 292.71 | 302.25 | 313.93 | 323.73 | 331.93 | 346.61 | 347.33 | 347.40 | 340.22 | 348.57 | 322.84 |

NSA Not seasonally adjusted

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **20. Contracts and orders for plant and equipment in 1982 dollars (bil. $)** | | | | | | | | | | | | | |
| 1948 | 7.34 | 8.45 | 8.03 | 8.88 | 7.66 | 8.81 | 7.94 | 7.41 | 7.25 | 7.36 | 7.20 | 7.15 | 93.48 |
| 1949 | 5.90 | 6.40 | 6.34 | 5.47 | 5.64 | 6.22 | 5.70 | 6.20 | 6.81 | 6.57 | 7.43 | 6.72 | 75.40 |
| 1950 | 7.34 | 7.27 | 7.95 | 7.91 | 9.73 | 9.39 | 11.25 | 13.87 | 12.86 | 11.40 | 11.35 | 12.06 | 122.38 |
| 1951 | 13.55 | 13.84 | 12.47 | 12.54 | 17.72 | 11.65 | 11.11 | 10.70 | 9.19 | 10.20 | 10.23 | 11.08 | 144.28 |
| 1952 | 9.78 | 9.92 | 10.06 | 9.98 | 9.31 | 10.54 | 10.78 | 9.72 | 13.43 | 9.79 | 9.27 | 11.19 | 123.77 |
| 1953 | 11.07 | 11.31 | 10.25 | 11.16 | 10.66 | 8.21 | 10.21 | 8.47 | 9.85 | 10.56 | 8.97 | 8.11 | 118.83 |
| 1954 | 8.38 | 8.50 | 7.25 | 7.40 | 7.62 | 7.83 | 8.17 | 8.21 | 8.78 | 9.31 | 8.59 | 9.13 | 99.17 |
| 1955 | 9.46 | 10.24 | 11.84 | 11.10 | 10.51 | 11.12 | 11.01 | 11.59 | 12.20 | 11.54 | 12.44 | 12.29 | 135.34 |
| 1956 | 11.90 | 11.56 | 11.50 | 11.81 | 12.23 | 12.35 | 11.80 | 11.59 | 11.10 | 11.04 | 12.44 | 11.69 | 141.01 |
| 1957 | 11.98 | 11.55 | 11.46 | 10.17 | 10.65 | 10.10 | 9.82 | 10.02 | 8.95 | 9.20 | 9.19 | 8.76 | 121.85 |
| 1958 | 8.70 | 8.39 | 8.35 | 8.42 | 8.49 | 8.96 | 8.60 | 9.88 | 9.86 | 9.54 | 9.31 | 9.02 | 107.52 |
| 1959 | 9.58 | 9.86 | 11.60 | 10.39 | 10.66 | 10.86 | 11.06 | 9.81 | 11.14 | 10.75 | 10.10 | 10.67 | 126.48 |
| 1960 | 10.00 | 10.23 | 9.95 | 10.79 | 10.80 | 10.44 | 10.52 | 10.50 | 10.64 | 10.32 | 9.90 | 10.76 | 124.85 |
| 1961 | 10.82 | 10.50 | 9.90 | 10.07 | 9.93 | 10.49 | 10.67 | 11.25 | 10.50 | 10.75 | 11.46 | 10.51 | 126.85 |
| 1962 | 11.09 | 12.10 | 11.27 | 11.77 | 11.28 | 11.07 | 11.21 | 11.24 | 11.13 | 11.37 | 12.22 | 12.61 | 138.36 |
| 1963 | 11.57 | 11.93 | 11.81 | 12.13 | 13.40 | 12.16 | 12.02 | 12.35 | 12.72 | 12.99 | 13.81 | 13.93 | 150.82 |
| 1964 | 14.29 | 12.90 | 13.40 | 13.52 | 14.55 | 14.94 | 14.04 | 14.19 | 14.40 | 14.48 | 15.51 | 15.72 | 171.94 |
| 1965 | 14.69 | 14.86 | 15.65 | 15.77 | 15.56 | 15.14 | 15.69 | 15.08 | 16.41 | 16.37 | 16.05 | 17.13 | 188.40 |
| 1966 | 17.22 | 18.51 | 18.02 | 18.72 | 18.34 | 17.88 | 19.13 | 17.90 | 19.62 | 17.62 | 17.43 | 17.34 | 217.73 |
| 1967 | 14.97 | 16.09 | 16.46 | 16.04 | 16.53 | 17.18 | 16.90 | 17.49 | 17.06 | 17.31 | 17.28 | 17.62 | 200.93 |
| 1968 | 21.13 | 21.29 | 26.11 | 21.38 | 19.86 | 19.64 | 22.40 | 22.77 | 20.89 | 24.90 | 21.20 | 23.25 | 264.82 |
| 1969 | 24.05 | 24.60 | 22.86 | 25.89 | 24.55 | 23.08 | 22.91 | 22.64 | 25.47 | 22.70 | 22.43 | 22.78 | 283.96 |
| 1970 | 23.44 | 22.56 | 21.02 | 20.13 | 20.34 | 19.45 | 20.39 | 19.09 | 19.84 | 17.44 | 20.04 | 21.96 | 245.70 |
| 1971 | 20.06 | 21.97 | 22.18 | 21.63 | 20.84 | 23.51 | 19.05 | 21.17 | 22.47 | 20.14 | 21.98 | 22.63 | 257.63 |
| 1972 | 20.41 | 21.35 | 22.94 | 22.57 | 25.07 | 21.52 | 24.19 | 22.61 | 25.74 | 24.75 | 25.46 | 26.08 | 282.69 |
| 1973 | 25.94 | 27.72 | 27.78 | 28.07 | 29.33 | 28.59 | 29.37 | 29.39 | 29.07 | 32.24 | 32.18 | 30.72 | 350.40 |
| 1974 | 30.25 | 30.88 | 31.69 | 29.68 | 31.53 | 28.61 | 32.75 | 28.85 | 29.02 | 27.01 | 24.15 | 26.11 | 350.53 |
| 1975 | 23.29 | 21.50 | 20.44 | 23.41 | 24.15 | 23.74 | 22.28 | 24.46 | 20.84 | 20.77 | 21.04 | 19.63 | 265.55 |
| 1976 | 23.60 | 22.67 | 24.48 | 23.71 | 22.01 | 25.67 | 27.37 | 24.27 | 26.02 | 26.36 | 25.34 | 25.48 | 296.98 |
| 1977 | 25.35 | 25.50 | 24.25 | 26.72 | 28.68 | 28.32 | 25.46 | 28.06 | 30.22 | 26.85 | 26.93 | 30.50 | 326.84 |
| 1978 | 28.76 | 32.16 | 29.14 | 28.99 | 31.72 | 29.39 | 31.85 | 32.57 | 34.04 | 38.27 | 32.89 | 30.16 | 379.94 |
| 1979 | 33.37 | 35.70 | 38.02 | 35.58 | 31.67 | 33.33 | 34.07 | 31.86 | 33.40 | 33.35 | 33.06 | 33.33 | 406.74 |
| 1980 | 34.06 | 30.95 | 31.32 | 30.17 | 26.31 | 28.40 | 30.07 | 29.28 | 29.82 | 30.43 | 29.26 | 30.93 | 361.00 |
| 1981 | 31.64 | 28.41 | 30.77 | 32.42 | 29.61 | 30.05 | 29.99 | 28.94 | 28.20 | 28.24 | 27.40 | 26.23 | 351.90 |
| 1982 | 32.32 | 30.29 | 27.79 | 26.58 | 24.03 | 23.68 | 24.71 | 22.96 | 24.30 | 24.46 | 23.48 | 24.93 | 309.53 |
| 1983 | 23.62 | 23.26 | 23.94 | 25.91 | 26.41 | 26.88 | 25.69 | 26.84 | 28.82 | 30.17 | 27.98 | 27.98 | 317.50 |
| 1984 | 30.19 | 30.70 | 31.48 | 30.58 | 33.88 | 31.90 | 33.27 | 31.10 | 31.63 | 32.06 | 32.42 | 31.54 | 380.75 |
| 1985 | 30.39 | 36.58 | 35.29 | 31.62 | 32.77 | 34.38 | 34.04 | 34.21 | 36.46 | 36.18 | 32.86 | 36.52 | 411.30 |
| 1986 | 32.40 | 36.35 | 34.33 | 33.34 | 33.38 | 34.32 | 33.81 | 33.85 | 34.51 | 34.64 | 35.84 | 37.40 | 414.17 |
| 1987 | 35.49 | 36.37 | 36.26 | 38.59 | 39.90 | 40.27 | 42.92 | 40.29 | 40.06 | 41.16 | 40.36 | 43.06 | 474.73 |
| 1988 | 43.77 | 44.73 | 41.87 | 44.99 | 42.03 | 46.23 | 46.84 | 50.30 | 44.51 | 44.58 | 45.46 | 49.14 | 544.45 |
| 1989 | 50.77 | 46.10 | 48.93 | 50.81 | 47.61 | 49.13 | 51.40 | 48.58 | 48.69 | 47.13 | 49.27 | 54.16 | 592.58 |
| **29. Index of new private housing units authorized by local building permits (1967=100)** | | | | | | | | | | | | | |
| 1948 | 109.4 | 100.4 | 104.0 | 116.5 | 106.7 | 103.1 | 102.2 | 94.9 | 84.8 | 89.4 | 86.2 | 82.8 | 98.4 |
| 1949 | 80.4 | 81.9 | 86.8 | 96.7 | 104.2 | 106.4 | 110.2 | 112.3 | 136.2 | 135.6 | 141.9 | 146.7 | 111.6 |
| 1950 | 157.4 | 159.2 | 159.1 | 161.9 | 161.3 | 160.7 | 182.8 | 158.2 | 133.8 | 126.2 | 123.6 | 158.6 | 153.6 |
| 1951 | 146.3 | 114.9 | 104.5 | 96.9 | 99.3 | 96.9 | 92.9 | 94.8 | 122.2 | 93.2 | 90.9 | 94.2 | 103.9 |
| 1952 | 99.6 | 115.3 | 105.6 | 103.5 | 101.2 | 101.6 | 107.9 | 107.7 | 115.5 | 116.8 | 117.2 | 108.3 | 108.4 |
| 1953 | 105.0 | 110.7 | 111.6 | 106.3 | 106.4 | 103.5 | 100.0 | 98.4 | 94.6 | 99.6 | 100.1 | 102.4 | 103.2 |
| 1954 | 101.9 | 100.4 | 105.8 | 106.9 | 108.8 | 116.9 | 119.9 | 118.9 | 121.9 | 126.2 | 135.9 | 132.1 | 116.3 |
| 1955 | 136.4 | 151.0 | 129.3 | 132.9 | 133.6 | 126.2 | 126.7 | 122.2 | 120.4 | 117.9 | 107.5 | 107.0 | 125.9 |
| 1956 | 109.8 | 106.8 | 109.8 | 109.5 | 101.9 | 100.1 | 99.4 | 97.0 | 94.5 | 93.1 | 93.7 | 92.8 | 100.7 |
| 1957 | 86.5 | 90.9 | 91.7 | 86.7 | 90.5 | 92.5 | 86.2 | 92.1 | 92.4 | 91.1 | 88.5 | 89.3 | 89.9 |
| 1958 | 91.5 | 78.7 | 87.2 | 91.9 | 96.2 | 102.7 | 111.9 | 111.7 | 114.5 | 118.2 | 134.1 | 115.8 | 104.5 |
| 1959 | 114.7 | 119.6 | 125.0 | 119.4 | 117.4 | 115.5 | 112.6 | 113.7 | 109.5 | 105.3 | 100.7 | 108.2 | 113.5 |
| 1960 | 102.8 | 102.4 | 89.8 | 95.6 | 99.0 | 90.1 | 93.9 | 93.5 | 92.6 | 91.4 | 92.1 | 89.3 | 94.4 |
| 1961 | 91.2 | 90.4 | 94.0 | 94.2 | 96.6 | 100.7 | 101.9 | 109.0 | 103.2 | 105.6 | 108.3 | 109.2 | 100.4 |
| 1962 | 105.5 | 112.3 | 106.7 | 116.2 | 107.4 | 108.5 | 111.9 | 112.9 | 115.0 | 111.1 | 116.2 | 116.2 | 111.7 |
| 1963 | 113.0 | 109.7 | 113.9 | 116.6 | 122.2 | 121.8 | 119.6 | 118.6 | 128.0 | 128.1 | 122.9 | 128.8 | 120.3 |
| 1964 | 117.4 | 130.6 | 118.8 | 114.5 | 117.6 | 115.8 | 118.1 | 118.3 | 114.5 | 111.5 | 113.5 | 105.3 | 116.3 |
| 1965 | 114.5 | 107.3 | 109.6 | 105.2 | 109.3 | 112.4 | 112.0 | 113.1 | 111.1 | 115.8 | 118.3 | 119.1 | 112.3 |
| 1966 | 120.0 | 104.9 | 111.8 | 103.7 | 97.7 | 86.6 | 84.4 | 79.4 | 70.2 | 66.9 | 66.6 | 67.2 | 88.3 |
| 1967 | 87.2 | 79.5 | 83.7 | 90.8 | 94.3 | 102.5 | 103.2 | 107.8 | 112.1 | 112.2 | 113.7 | 115.3 | 100.2 |
| 1968 | 103.3 | 117.6 | 120.0 | 112.8 | 113.7 | 114.0 | 117.9 | 118.9 | 128.4 | 124.6 | 125.9 | 121.8 | 118.2 |
| 1969 | 127.9 | 131.0 | 126.0 | 126.3 | 116.5 | 118.3 | 112.0 | 115.4 | 110.7 | 106.6 | 104.4 | 101.3 | 116.4 |
| 1970 | 93.1 | 98.0 | 99.2 | 107.3 | 116.5 | 115.8 | 116.1 | 122.2 | 125.0 | 137.2 | 131.7 | 154.9 | 118.1 |
| 1971 | 144.0 | 139.2 | 154.2 | 153.0 | 172.9 | 166.8 | 181.4 | 175.7 | 175.0 | 177.6 | 182.2 | 186.9 | 167.4 |
| 1972 | 192.9 | 186.9 | 181.4 | 184.3 | 178.1 | 188.1 | 189.2 | 195.1 | 206.2 | 202.9 | 192.6 | 208.5 | 192.2 |
| 1973 | 195.7 | 191.9 | 177.7 | 164.5 | 166.4 | 176.7 | 156.8 | 155.9 | 146.9 | 121.7 | 120.8 | 111.0 | 157.2 |
| 1974 | 114.7 | 117.2 | 124.1 | 108.1 | 98.1 | 93.6 | 86.4 | 79.0 | 72.4 | 71.0 | 67.5 | 74.9 | 92.2 |
| 1975 | 62.6 | 62.8 | 61.2 | 74.6 | 78.8 | 81.5 | 87.9 | 85.7 | 91.7 | 94.4 | 95.6 | 94.0 | 80.9 |
| 1976 | 103.0 | 102.6 | 100.3 | 97.6 | 102.9 | 102.4 | 107.3 | 112.9 | 127.6 | 122.8 | 132.0 | 130.2 | 111.8 |
| 1977 | 124.6 | 134.5 | 143.1 | 143.1 | 143.8 | 151.0 | 145.4 | 153.4 | 144.3 | 151.5 | 152.7 | 151.2 | 144.9 |
| 1978 | 140.6 | 140.2 | 145.3 | 157.4 | 142.7 | 160.2 | 144.3 | 136.6 | 141.4 | 143.9 | 145.0 | 146.9 | 145.4 |
| 1979 | 118.0 | 120.5 | 138.9 | 129.0 | 136.0 | 132.5 | 123.9 | 128.5 | 132.3 | 119.6 | 103.1 | 101.3 | 123.6 |
| 1980 | 103.4 | 96.9 | 79.8 | 65.3 | 69.6 | 90.3 | 101.7 | 110.4 | 119.9 | 110.3 | 111.7 | 100.9 | 96.7 |
| 1981 | 98.6 | 96.9 | 95.6 | 96.1 | 94.8 | 78.8 | 75.5 | 71.8 | 68.4 | 59.1 | 60.4 | 64.3 | 80.0 |
| 1982 | 64.1 | 65.3 | 72.0 | 71.7 | 77.0 | 73.8 | 84.3 | 74.8 | 84.2 | 92.8 | 99.3 | 109.1 | 80.7 |
| 1983 | 115.2 | 118.8 | 119.2 | 126.5 | 134.8 | 142.9 | 145.0 | 138.4 | 128.0 | 138.6 | 134.7 | 131.4 | 131.1 |
| 1984 | 144.8 | 158.5 | 137.6 | 141.6 | 138.8 | 144.7 | 128.0 | 122.0 | 121.5 | 118.8 | 131.0 | 129.7 | 134.8 |
| 1985 | 132.4 | 132.5 | 137.7 | 132.7 | 136.3 | 136.8 | 135.3 | 144.2 | 152.8 | 139.0 | 134.9 | 143.1 | 138.1 |
| 1986 | 147.3 | 140.9 | 141.9 | 148.2 | 143.3 | 142.7 | 141.9 | 137.6 | 134.4 | 133.6 | 131.1 | 151.8 | 141.2 |
| 1987 | 134.8 | 134.7 | 135.9 | 127.7 | 119.6 | 121.4 | 120.9 | 120.5 | 120.7 | 115.4 | 116.2 | 107.3 | 122.9 |
| 1988 | 99.2 | 114.7 | 121.6 | 114.0 | 115.2 | 118.4 | 114.8 | 116.4 | 114.5 | 120.9 | 120.3 | 119.7 | 115.8 |
| 1989 | 116.0 | 110.7 | 100.2 | 108.1 | 107.8 | 105.5 | 102.2 | 106.4 | 104.5 | 108.6 | 108.8 | 112.9 | 107.6 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32. Vendor performance, slower deliveries diffusion index (percent) | | | | | | | | | | | | | |
| 1948 | 36.3 | 37.1 | 32.7 | 41.6 | 40.4 | 38.4 | 36.8 | 31.2 | 28.3 | 28.7 | 28.0 | 17.7 | 33.1 |
| 1949 | 16.6 | 13.1 | 12.4 | 16.2 | 15.5 | 15.0 | 22.4 | 33.0 | 39.9 | 46.1 | 51.5 | 52.2 | 27.8 |
| 1950 | 56.3 | 68.0 | 72.0 | 68.8 | 82.9 | 76.5 | 89.4 | 81.7 | 73.7 | 70.3 | 79.1 | 87.5 | 75.5 |
| 1951 | 88.7 | 93.3 | 85.1 | 65.7 | 45.0 | 36.7 | 32.2 | 32.0 | 46.4 | 47.2 | 34.9 | 33.6 | 53.4 |
| 1952 | 31.3 | 24.9 | 18.8 | 19.4 | 22.4 | 33.0 | 47.4 | 41.2 | 42.7 | 43.3 | 45.0 | 43.5 | 34.4 |
| 1953 | 41.5 | 41.8 | 41.8 | 38.6 | 35.1 | 33.3 | 28.5 | 26.5 | 23.2 | 20.7 | 20.2 | 21.8 | 31.1 |
| 1954 | 23.6 | 26.9 | 28.0 | 30.3 | 34.3 | 35.8 | 38.1 | 36.4 | 43.6 | 49.5 | 51.9 | 54.5 | 37.7 |
| 1955 | 60.6 | 67.2 | 68.5 | 71.9 | 68.7 | 65.7 | 67.0 | 64.3 | 66.3 | 66.5 | 64.9 | 61.4 | 66.1 |
| 1956 | 53.5 | 51.3 | 51.0 | 51.0 | 38.6 | 41.0 | 53.9 | 46.8 | 42.8 | 40.1 | 44.6 | 39.5 | 46.2 |
| 1957 | 36.3 | 31.2 | 26.3 | 28.9 | 30.0 | 30.0 | 36.8 | 30.8 | 28.8 | 32.6 | 27.8 | 27.3 | 30.6 |
| 1958 | 30.3 | 31.0 | 34.0 | 35.5 | 38.5 | 39.2 | 43.0 | 44.7 | 51.1 | 52.4 | 55.8 | 56.4 | 42.7 |
| 1959 | 61.8 | 67.3 | 66.3 | 64.8 | 63.0 | 63.7 | 59.1 | 57.4 | 57.5 | 58.5 | 54.6 | 53.7 | 60.6 |
| 1960 | 46.2 | 31.7 | 28.8 | 28.9 | 32.3 | 34.8 | 35.8 | 38.0 | 37.3 | 36.2 | 37.6 | 40.4 | 35.7 |
| 1961 | 39.2 | 41.1 | 42.1 | 47.5 | 47.9 | 49.3 | 49.4 | 50.6 | 50.7 | 52.4 | 51.1 | 55.8 | 48.1 |
| 1962 | 57.1 | 56.2 | 57.0 | 47.4 | 45.2 | 43.3 | 45.1 | 43.7 | 45.1 | 46.7 | 48.7 | 50.1 | 48.8 |
| 1963 | 50.4 | 51.0 | 54.9 | 58.2 | 56.4 | 56.3 | 43.6 | 48.5 | 49.7 | 47.4 | 48.7 | 47.6 | 51.1 |
| 1964 | 55.3 | 51.9 | 60.3 | 57.7 | 61.4 | 57.6 | 61.8 | 66.2 | 71.9 | 71.2 | 70.3 | 67.8 | 62.8 |
| 1965 | 68.5 | 68.1 | 65.9 | 69.4 | 68.9 | 69.3 | 65.1 | 65.4 | 61.2 | 59.1 | 65.1 | 73.5 | 66.6 |
| 1966 | 74.9 | 80.1 | 86.4 | 79.3 | 74.6 | 71.6 | 73.1 | 74.3 | 72.4 | 68.7 | 62.6 | 57.9 | 73.0 |
| 1967 | 48.2 | 49.9 | 38.0 | 36.9 | 34.4 | 36.5 | 40.9 | 44.8 | 46.5 | 51.1 | 51.4 | 49.9 | 44.0 |
| 1968 | 50.6 | 53.9 | 54.0 | 49.0 | 49.4 | 49.9 | 55.9 | 47.8 | 48.4 | 53.3 | 61.0 | 58.3 | 52.6 |
| 1969 | 63.6 | 60.1 | 60.5 | 63.9 | 64.9 | 67.0 | 65.7 | 70.3 | 68.9 | 66.8 | 64.1 | 66.8 | 65.2 |
| 1970 | 57.9 | 57.7 | 49.3 | 48.7 | 67.2 | 66.1 | 49.8 | 46.1 | 46.5 | 39.0 | 37.8 | 37.5 | 50.3 |
| 1971 | 39.8 | 44.2 | 45.0 | 48.9 | 49.4 | 47.9 | 47.4 | 49.7 | 48.9 | 50.9 | 50.9 | 53.3 | 48.0 |
| 1972 | 55.2 | 52.6 | 57.1 | 55.0 | 56.1 | 57.7 | 61.7 | 62.9 | 65.5 | 73.0 | 74.5 | 80.7 | 62.7 |
| 1973 | 83.7 | 85.2 | 87.5 | 86.7 | 86.6 | 85.6 | 85.2 | 86.7 | 90.1 | 88.7 | 96.8 | 92.8 | 88.0 |
| 1974 | 91.8 | 88.8 | 88.9 | 82.1 | 74.5 | 73.1 | 69.2 | 66.3 | 51.8 | 45.3 | 34.0 | 23.2 | 65.8 |
| 1975 | 19.5 | 15.9 | 17.3 | 21.7 | 22.7 | 24.9 | 28.7 | 35.1 | 43.8 | 44.8 | 46.8 | 41.2 | 30.2 |
| 1976 | 54.0 | 56.1 | 56.7 | 57.3 | 58.3 | 58.6 | 54.0 | 55.2 | 52.6 | 49.0 | 47.2 | 53.3 | 54.4 |
| 1977 | 55.3 | 65.1 | 49.6 | 54.6 | 55.4 | 53.3 | 58.3 | 53.5 | 56.7 | 53.6 | 56.3 | 57.1 | 55.7 |
| 1978 | 55.6 | 63.4 | 58.9 | 57.1 | 57.4 | 61.1 | 59.4 | 60.6 | 60.0 | 64.7 | 64.5 | 63.5 | 60.5 |
| 1979 | 66.4 | 64.0 | 66.7 | 75.6 | 63.7 | 61.4 | 57.4 | 52.9 | 50.7 | 46.9 | 46.8 | 42.2 | 57.9 |
| 1980 | 42.1 | 46.0 | 39.1 | 36.9 | 29.8 | 32.4 | 36.3 | 40.1 | 41.2 | 46.5 | 46.8 | 50.1 | 40.6 |
| 1981 | 49.7 | 48.5 | 48.7 | 51.2 | 50.2 | 47.9 | 44.9 | 49.6 | 45.9 | 37.7 | 40.5 | 41.2 | 46.3 |
| 1982 | 40.1 | 40.8 | 36.4 | 38.2 | 42.1 | 45.2 | 45.8 | 45.3 | 45.9 | 46.5 | 46.9 | 48.6 | 43.5 |
| 1983 | 46.7 | 49.9 | 50.8 | 52.7 | 51.9 | 56.8 | 58.9 | 60.2 | 60.7 | 62.8 | 67.5 | 62.1 | 56.8 |
| 1984 | 64.4 | 61.5 | 65.5 | 64.6 | 62.5 | 56.2 | 59.1 | 55.2 | 52.8 | 49.3 | 48.1 | 48.8 | 57.3 |
| 1985 | 50.4 | 48.6 | 46.7 | 46.1 | 48.0 | 47.1 | 45.7 | 46.6 | 49.5 | 50.0 | 48.5 | 49.3 | 48.0 |
| 1986 | 50.1 | 49.8 | 50.5 | 50.7 | 50.2 | 49.9 | 49.9 | 50.8 | 49.6 | 51.3 | 52.0 | 52.8 | 50.6 |
| 1987 | 51.5 | 51.2 | 51.9 | 52.8 | 54.0 | 56.8 | 58.9 | 60.3 | 61.5 | 62.2 | 64.9 | 62.7 | 57.4 |
| 1988 | 62.0 | 61.2 | 57.3 | 58.6 | 56.9 | 65.6 | 58.4 | 57.4 | 55.2 | 54.8 | 52.1 | 53.0 | 57.7 |
| 1989 | 53.6 | 53.3 | 51.6 | 52.6 | 49.5 | 47.6 | 46.3 | 44.6 | 43.8 | 42.9 | 43.0 | 42.5 | 47.6 |
| 41. Employees on nonagricultural payrolls (thous.) | | | | | | | | | | | | | |
| 1948 | 44,680 | 44,492 | 44,615 | 44,334 | 44,615 | 44,863 | 45,059 | 45,052 | 45,167 | 45,084 | 45,083 | 45,032 | 44,866 |
| 1949 | 44,631 | 44,399 | 44,169 | 44,057 | 43,806 | 43,582 | 43,415 | 43,490 | 43,708 | 42,823 | 43,148 | 43,497 | 43,754 |
| 1950 | 43,472 | 43,175 | 43,816 | 44,238 | 44,589 | 44,953 | 45,361 | 46,035 | 46,304 | 46,530 | 46,654 | 46,756 | 45,197 |
| 1951 | 47,227 | 47,519 | 47,700 | 47,849 | 47,803 | 47,915 | 47,923 | 47,806 | 47,743 | 47,833 | 48,026 | 48,119 | 47,819 |
| 1952 | 48,229 | 48,491 | 48,450 | 48,476 | 48,478 | 48,130 | 47,992 | 48,687 | 49,076 | 49,436 | 49,710 | 49,933 | 48,793 |
| 1953 | 50,043 | 50,271 | 50,360 | 50,367 | 50,343 | 50,386 | 50,385 | 50,272 | 50,216 | 50,114 | 49,824 | 49,627 | 50,202 |
| 1954 | 49,340 | 49,270 | 49,081 | 48,984 | 48,857 | 48,810 | 48,689 | 48,644 | 48,752 | 48,828 | 49,102 | 49,242 | 48,990 |
| 1955 | 49,363 | 49,523 | 49,867 | 50,106 | 50,414 | 50,705 | 50,823 | 50,905 | 51,085 | 51,308 | 51,491 | 51,721 | 50,641 |
| 1956 | 51,880 | 52,096 | 52,141 | 52,302 | 52,387 | 52,454 | 51,764 | 52,396 | 52,446 | 52,667 | 52,722 | 52,865 | 52,369 |
| 1957 | 52,808 | 53,000 | 53,052 | 53,029 | 52,999 | 52,961 | 52,970 | 52,918 | 52,825 | 52,673 | 52,458 | 52,281 | 52,853 |
| 1958 | 52,002 | 51,448 | 51,131 | 50,787 | 50,760 | 50,822 | 50,915 | 51,118 | 51,359 | 51,379 | 51,831 | 51,968 | 51,324 |
| 1959 | 52,410 | 52,558 | 52,863 | 53,190 | 53,382 | 53,603 | 53,683 | 53,230 | 53,265 | 53,203 | 53,503 | 54,033 | 53,268 |
| 1960 | 54,184 | 54,406 | 54,348 | 54,561 | 54,366 | 54,292 | 54,230 | 54,198 | 54,069 | 53,982 | 53,843 | 53,571 | 54,189 |
| 1961 | 53,524 | 53,373 | 53,462 | 53,485 | 53,664 | 53,922 | 54,052 | 54,232 | 54,303 | 54,375 | 54,636 | 54,739 | 53,999 |
| 1962 | 54,703 | 54,996 | 55,109 | 55,384 | 55,514 | 55,563 | 55,663 | 55,796 | 55,860 | 55,919 | 55,943 | 55,915 | 55,549 |
| 1963 | 55,927 | 56,039 | 56,157 | 56,398 | 56,534 | 56,571 | 56,705 | 56,832 | 56,971 | 57,148 | 57,125 | 57,251 | 56,653 |
| 1964 | 57,281 | 57,621 | 57,686 | 57,846 | 57,974 | 58,128 | 58,309 | 58,510 | 58,777 | 58,658 | 59,080 | 59,320 | 58,283 |
| 1965 | 59,419 | 59,710 | 59,921 | 60,080 | 60,389 | 60,590 | 60,868 | 61,072 | 61,333 | 61,538 | 61,859 | 62,209 | 60,765 |
| 1966 | 62,415 | 62,766 | 63,129 | 63,318 | 63,595 | 63,989 | 64,166 | 64,306 | 64,367 | 64,614 | 64,839 | 65,042 | 63,901 |
| 1967 | 65,240 | 65,224 | 65,305 | 65,373 | 65,478 | 65,642 | 65,816 | 65,933 | 66,074 | 66,091 | 66,570 | 66,767 | 65,803 |
| 1968 | 66,656 | 67,026 | 67,156 | 67,422 | 67,519 | 67,779 | 67,979 | 68,189 | 68,333 | 68,569 | 68,837 | 69,151 | 67,897 |
| 1969 | 69,297 | 69,575 | 69,803 | 69,980 | 70,197 | 70,478 | 70,629 | 70,742 | 70,800 | 70,957 | 70,921 | 71,119 | 70,384 |
| 1970 | 71,059 | 71,201 | 71,363 | 71,283 | 70,998 | 70,888 | 70,927 | 70,750 | 70,815 | 70,383 | 70,264 | 70,661 | 70,880 |
| 1971 | 70,752 | 70,689 | 70,766 | 70,969 | 71,129 | 71,136 | 71,169 | 71,168 | 71,499 | 71,485 | 71,723 | 71,977 | 71,214 |
| 1972 | 72,357 | 72,542 | 72,850 | 73,079 | 73,346 | 73,639 | 73,576 | 73,908 | 74,107 | 74,537 | 74,904 | 75,164 | 73,675 |
| 1973 | 75,521 | 75,923 | 76,168 | 76,308 | 76,473 | 76,743 | 76,713 | 77,009 | 77,170 | 77,506 | 77,867 | 77,933 | 76,790 |
| 1974 | 78,020 | 78,181 | 78,184 | 78,239 | 78,381 | 78,443 | 78,492 | 78,511 | 78,542 | 78,599 | 78,234 | 77,531 | 78,265 |
| 1975 | 77,153 | 76,743 | 76,429 | 76,333 | 76,470 | 76,400 | 76,640 | 77,034 | 77,216 | 77,479 | 77,582 | 77,878 | 76,945 |
| 1976 | 78,317 | 78,614 | 78,828 | 79,142 | 79,188 | 79,264 | 79,469 | 79,591 | 79,857 | 79,847 | 80,122 | 80,310 | 79,382 |
| 1977 | 80,527 | 80,783 | 81,228 | 81,615 | 81,984 | 82,392 | 82,743 | 82,954 | 83,460 | 83,659 | 84,012 | 84,260 | 82,471 |
| 1978 | 84,478 | 84,800 | 85,339 | 86,064 | 86,396 | 86,833 | 87,060 | 87,319 | 87,470 | 87,788 | 88,233 | 88,534 | 86,697 |
| 1979 | 88,711 | 88,955 | 89,406 | 89,356 | 89,671 | 89,985 | 90,088 | 90,148 | 90,166 | 90,356 | 90,449 | 90,595 | 89,823 |
| 1980 | 90,784 | 90,889 | 90,970 | 90,747 | 90,269 | 89,931 | 89,670 | 89,933 | 90,058 | 90,350 | 90,583 | 90,818 | 90,406 |
| 1981 | 90,927 | 90,987 | 91,085 | 91,175 | 91,151 | 91,328 | 91,467 | 91,415 | 91,354 | 91,259 | 91,020 | 90,750 | 91,156 |
| 1982 | 90,391 | 90,391 | 90,264 | 90,028 | 90,006 | 89,769 | 89,435 | 89,272 | 89,122 | 88,836 | 88,671 | 88,644 | 89,566 |
| 1983 | 88,807 | 88,715 | 88,919 | 89,244 | 89,558 | 89,970 | 90,404 | 90,065 | 91,214 | 91,457 | 91,771 | 92,131 | 90,200 |
| 1984 | 92,572 | 93,068 | 93,355 | 93,722 | 94,039 | 94,432 | 94,760 | 94,988 | 95,302 | 95,594 | 95,936 | 96,078 | 94,496 |
| 1985 | 96,391 | 96,503 | 96,840 | 97,017 | 97,283 | 97,413 | 97,608 | 97,814 | 98,021 | 98,240 | 98,435 | 98,634 | 97,519 |
| 1986 | 98,786 | 98,872 | 98,946 | 99,128 | 99,253 | 99,149 | 99,460 | 99,616 | 99,945 | 100,179 | 100,346 | 100,583 | 99,525 |
| 1987 | 100,778 | 100,982 | 101,216 | 101,567 | 101,774 | 101,953 | 102,308 | 102,535 | 102,713 | 103,259 | 103,471 | 103,805 | 102,200 |
| 1988 | 103,924 | 104,356 | 104,626 | 104,860 | 105,052 | 105,489 | 105,735 | 105,902 | 106,178 | 106,458 | 106,768 | 107,071 | 105,536 |
| 1989 | 107,430 | 107,648 | 107,811 | 107,988 | 108,135 | 108,364 | 108,490 | 108,628 | 108,868 | 108,980 | 109,245 | 109,383 | 108,413 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 47. Index of industrial production (1987=100) | | | | | | | |
| 1948 | 23.5 | 23.5 | 23.3 | 23.3 | 23.7 | 24.0 | 24.0 | 23.9 | 23.7 | 23.9 | 23.6 | 23.4 | 23.6 |
| 1949 | 23.2 | 22.9 | 22.5 | 22.4 | 22.1 | 22.0 | 22.0 | 22.2 | 22.4 | 21.6 | 22.2 | 22.6 | 22.3 |
| 1950 | 22.9 | 23.0 | 23.8 | 24.6 | 25.2 | 25.9 | 26.7 | 27.6 | 27.4 | 27.6 | 27.5 | 28.0 | 25.8 |
| 1951 | 28.1 | 28.3 | 28.4 | 28.5 | 28.4 | 28.2 | 27.8 | 27.5 | 27.7 | 27.7 | 27.9 | 28.1 | 28.0 |
| 1952 | 28.4 | 28.5 | 28.6 | 28.4 | 28.1 | 27.8 | 27.4 | 29.2 | 30.2 | 30.5 | 31.1 | 31.3 | 29.1 |
| 1953 | 31.4 | 31.6 | 31.8 | 32.0 | 32.2 | 32.0 | 32.4 | 32.2 | 31.6 | 31.3 | 30.6 | 29.8 | 31.6 |
| 1954 | 29.6 | 29.7 | 29.5 | 29.3 | 29.5 | 29.6 | 29.6 | 29.6 | 29.6 | 30.0 | 30.5 | 30.9 | 29.9 |
| 1955 | 31.6 | 32.0 | 32.7 | 33.1 | 33.7 | 33.7 | 34.0 | 33.9 | 34.1 | 34.7 | 34.8 | 34.9 | 33.7 |
| 1956 | 35.1 | 34.8 | 34.8 | 35.1 | 34.8 | 34.5 | 33.4 | 34.8 | 35.6 | 35.9 | 35.6 | 36.1 | 35.1 |
| 1957 | 36.0 | 36.3 | 36.3 | 35.8 | 35.7 | 35.8 | 36.0 | 36.0 | 35.7 | 35.1 | 34.3 | 33.7 | 35.6 |
| 1958 | 33.0 | 32.3 | 31.9 | 31.4 | 31.7 | 32.6 | 33.0 | 33.7 | 34.0 | 34.4 | 35.4 | 35.5 | 33.3 |
| 1959 | 36.0 | 36.7 | 37.2 | 38.0 | 38.6 | 38.6 | 37.7 | 36.4 | 36.4 | 36.1 | 36.3 | 38.6 | 37.3 |
| 1960 | 39.6 | 39.2 | 38.9 | 38.6 | 38.5 | 38.1 | 37.9 | 37.9 | 37.5 | 37.4 | 36.9 | 36.2 | 38.1 |
| 1961 | 36.3 | 36.2 | 36.4 | 37.2 | 37.7 | 38.3 | 38.7 | 39.1 | 39.0 | 39.8 | 40.4 | 40.7 | 38.4 |
| 1962 | 40.4 | 41.1 | 41.3 | 41.4 | 41.3 | 41.2 | 41.6 | 41.7 | 41.9 | 42.0 | 42.2 | 42.2 | 41.6 |
| 1963 | 42.5 | 42.9 | 43.2 | 43.6 | 44.1 | 44.3 | 44.1 | 44.2 | 44.6 | 44.9 | 45.1 | 45.1 | 44.0 |
| 1964 | 45.5 | 45.8 | 45.8 | 46.5 | 46.8 | 46.9 | 47.2 | 47.5 | 47.7 | 47.0 | 48.5 | 49.1 | 47.0 |
| 1965 | 49.6 | 49.9 | 50.6 | 50.8 | 51.2 | 51.6 | 52.1 | 52.3 | 52.4 | 52.9 | 53.2 | 53.8 | 51.7 |
| 1966 | 54.4 | 54.7 | 55.5 | 55.5 | 56.1 | 56.3 | 56.6 | 56.7 | 57.2 | 57.6 | 57.2 | 57.3 | 56.3 |
| 1967 | 57.6 | 57.0 | 56.6 | 57.2 | 56.7 | 56.7 | 56.5 | 57.6 | 57.5 | 58.0 | 58.8 | 59.5 | 57.5 |
| 1968 | 59.4 | 59.6 | 59.8 | 59.9 | 60.6 | 60.8 | 60.7 | 60.9 | 61.1 | 61.2 | 62.0 | 62.2 | 60.7 |
| 1969 | 62.6 | 63.0 | 63.5 | 63.2 | 63.0 | 63.6 | 63.9 | 64.1 | 64.1 | 64.1 | 63.5 | 63.3 | 63.5 |
| 1970 | 62.1 | 62.1 | 62.0 | 61.9 | 61.8 | 61.6 | 61.7 | 61.6 | 61.2 | 60.0 | 59.6 | 61.0 | 61.4 |
| 1971 | 61.5 | 61.3 | 61.3 | 61.6 | 61.9 | 62.2 | 62.0 | 61.7 | 62.7 | 63.1 | 63.4 | 64.1 | 62.2 |
| 1972 | 65.6 | 66.0 | 66.5 | 67.6 | 67.5 | 67.7 | 67.6 | 68.5 | 69.2 | 70.2 | 71.1 | 71.7 | 68.3 |
| 1973 | 71.8 | 72.8 | 72.8 | 73.0 | 73.4 | 73.9 | 74.4 | 74.3 | 74.9 | 75.2 | 75.2 | 74.0 | 73.8 |
| 1974 | 73.0 | 72.7 | 73.0 | 72.9 | 73.8 | 74.0 | 73.6 | 73.4 | 73.7 | 73.2 | 71.1 | 68.1 | 72.7 |
| 1975 | 66.3 | 65.3 | 64.1 | 64.7 | 64.5 | 65.3 | 65.7 | 66.9 | 67.6 | 67.9 | 68.6 | 69.1 | 66.3 |
| 1976 | 69.9 | 71.1 | 70.9 | 71.2 | 72.0 | 72.1 | 72.5 | 72.9 | 73.1 | 73.4 | 74.6 | 75.2 | 72.4 |
| 1977 | 75.5 | 75.9 | 76.6 | 77.7 | 78.3 | 78.9 | 78.9 | 79.0 | 79.4 | 79.4 | 79.5 | 79.1 | 78.2 |
| 1978 | 78.8 | 79.0 | 80.0 | 82.0 | 82.3 | 83.1 | 83.3 | 83.6 | 84.1 | 84.5 | 85.2 | 85.4 | 82.6 |
| 1979 | 85.1 | 85.8 | 86.1 | 85.2 | 86.2 | 86.1 | 85.6 | 85.3 | 85.5 | 86.0 | 85.7 | 85.6 | 85.7 |
| 1980 | 85.9 | 86.2 | 86.2 | 84.5 | 82.5 | 81.5 | 81.2 | 82.4 | 83.5 | 84.0 | 85.5 | 85.9 | 84.1 |
| 1981 | 85.2 | 85.4 | 85.7 | 85.0 | 85.6 | 86.1 | 87.1 | 86.9 | 86.5 | 85.8 | 84.8 | 84.1 | 85.7 |
| 1982 | 82.4 | 84.2 | 83.7 | 83.2 | 82.7 | 82.4 | 82.0 | 81.6 | 81.0 | 80.3 | 80.0 | 79.3 | 81.9 |
| 1983 | 80.8 | 80.7 | 81.3 | 82.3 | 83.2 | 83.7 | 85.3 | 86.5 | 87.9 | 88.6 | 88.8 | 89.2 | 84.9 |
| 1984 | 91.0 | 90.9 | 91.9 | 92.4 | 93.0 | 93.5 | 93.9 | 94.0 | 93.9 | 93.2 | 93.3 | 92.8 | 92.8 |
| 1985 | 93.1 | 93.8 | 94.1 | 94.5 | 94.7 | 94.4 | 94.1 | 94.5 | 95.0 | 94.2 | 94.6 | 95.6 | 94.4 |
| 1986 | 96.1 | 95.5 | 94.6 | 94.8 | 94.8 | 94.4 | 94.8 | 95.0 | 95.1 | 95.6 | 96.2 | 96.7 | 95.3 |
| 1987 | 96.5 | 97.6 | 98.2 | 98.3 | 99.2 | 100.1 | 100.8 | 101.0 | 100.9 | 102.3 | 102.2 | 102.6 | 100.0 |
| 1988 | 103.5 | 103.5 | 103.9 | 104.3 | 104.8 | 105.0 | 106.1 | 106.4 | 106.2 | 106.5 | 106.9 | 107.4 | 105.4 |
| 1989 | 107.7 | 107.6 | 107.7 | 108.6 | 108.3 | 108.4 | 107.8 | 108.2 | 108.2 | 107.7 | 108.1 | 108.6 | 108.1 |
| | | | | | | 51. Personal income less transfer payments in 1982 dollars (AR, bil. $) | | | | | | | |
| 1948 | 753.8 | 749.4 | 756.7 | 758.8 | 763.7 | 776.7 | 776.4 | 782.6 | 784.2 | 788.4 | 783.8 | 774.2 | 770.7 |
| 1949 | 763.0 | 759.9 | 761.7 | 759.6 | 759.0 | 751.2 | 744.5 | 750.8 | 761.1 | 747.3 | 755.3 | 759.1 | 756.0 |
| 1950 | 774.7 | 770.8 | 783.0 | 790.2 | 802.3 | 800.3 | 813.4 | 823.3 | 831.3 | 839.6 | 847.9 | 858.2 | 811.2 |
| 1951 | 850.3 | 850.5 | 861.7 | 873.2 | 877.9 | 883.0 | 881.6 | 891.3 | 889.2 | 894.6 | 895.0 | 898.9 | 878.9 |
| 1952 | 890.1 | 903.2 | 905.0 | 903.2 | 912.4 | 915.6 | 909.2 | 930.3 | 936.4 | 936.6 | 930.6 | 935.4 | 917.3 |
| 1953 | 938.1 | 943.6 | 951.8 | 952.1 | 956.2 | 958.2 | 956.1 | 952.2 | 954.4 | 959.6 | 957.2 | 950.2 | 952.5 |
| 1954 | 946.7 | 945.2 | 939.3 | 934.2 | 935.8 | 938.7 | 941.1 | 949.1 | 954.6 | 958.8 | 968.4 | 967.8 | 948.3 |
| 1955 | 971.0 | 972.8 | 978.5 | 987.9 | 995.9 | 997.9 | 1,013.3 | 1,012.8 | 1,020.9 | 1,026.7 | 1,035.1 | 1,040.4 | 1,004.4 |
| 1956 | 1,040.6 | 1,045.8 | 1,047.5 | 1,055.5 | 1,054.2 | 1,057.3 | 1,050.8 | 1,061.3 | 1,066.0 | 1,073.4 | 1,070.2 | 1,073.7 | 1,058.0 |
| 1957 | 1,070.1 | 1,077.2 | 1,078.4 | 1,076.4 | 1,077.0 | 1,082.3 | 1,083.9 | 1,085.9 | 1,081.5 | 1,077.2 | 1,076.7 | 1,069.6 | 1,078.0 |
| 1958 | 1,065.4 | 1,062.5 | 1,066.0 | 1,059.7 | 1,061.6 | 1,067.8 | 1,086.6 | 1,084.2 | 1,090.0 | 1,091.7 | 1,106.6 | 1,108.2 | 1,079.2 |
| 1959 | 1,106.0 | 1,108.8 | 1,115.0 | 1,124.6 | 1,129.8 | 1,133.7 | 1,135.3 | 1,122.8 | 1,120.9 | 1,119.3 | 1,137.7 | 1,148.5 | 1,125.2 |
| 1960 | 1,154.0 | 1,150.5 | 1,153.4 | 1,153.8 | 1,161.6 | 1,161.6 | 1,159.6 | 1,155.8 | 1,153.2 | 1,157.4 | 1,150.9 | 1,145.6 | 1,154.8 |
| 1961 | 1,155.3 | 1,156.5 | 1,157.8 | 1,165.3 | 1,171.9 | 1,179.2 | 1,180.2 | 1,182.0 | 1,186.2 | 1,197.9 | 1,206.6 | 1,213.4 | 1,179.4 |
| 1962 | 1,208.6 | 1,218.5 | 1,225.2 | 1,230.8 | 1,233.4 | 1,237.6 | 1,242.3 | 1,245.0 | 1,241.3 | 1,245.3 | 1,249.9 | 1,256.3 | 1,236.2 |
| 1963 | 1,252.0 | 1,257.0 | 1,261.7 | 1,263.0 | 1,269.7 | 1,272.2 | 1,274.8 | 1,280.9 | 1,288.4 | 1,293.6 | 1,293.9 | 1,306.1 | 1,276.1 |
| 1964 | 1,304.9 | 1,318.1 | 1,325.0 | 1,334.8 | 1,340.1 | 1,344.0 | 1,351.4 | 1,362.6 | 1,365.8 | 1,371.4 | 1,378.1 | 1,389.8 | 1,348.8 |
| 1965 | 1,390.4 | 1,394.1 | 1,397.7 | 1,407.3 | 1,417.7 | 1,429.2 | 1,436.5 | 1,439.2 | 1,446.9 | 1,463.1 | 1,471.3 | 1,479.7 | 1,431.1 |
| 1966 | 1,480.1 | 1,482.1 | 1,488.2 | 1,495.3 | 1,502.2 | 1,511.7 | 1,516.9 | 1,518.7 | 1,517.8 | 1,526.4 | 1,530.1 | 1,531.7 | 1,508.4 |
| 1967 | 1,541.6 | 1,546.0 | 1,549.3 | 1,549.7 | 1,556.1 | 1,564.5 | 1,571.0 | 1,573.3 | 1,574.9 | 1,572.9 | 1,582.7 | 1,595.8 | 1,564.8 |
| 1968 | 1,592.5 | 1,607.3 | 1,612.4 | 1,619.3 | 1,627.6 | 1,636.7 | 1,642.1 | 1,649.9 | 1,658.6 | 1,660.8 | 1,664.5 | 1,674.5 | 1,637.2 |
| 1969 | 1,670.1 | 1,676.2 | 1,688.6 | 1,689.7 | 1,700.7 | 1,707.1 | 1,718.2 | 1,724.5 | 1,730.7 | 1,736.1 | 1,736.2 | 1,737.7 | 1,709.6 |
| 1970 | 1,735.0 | 1,729.8 | 1,738.8 | 1,743.5 | 1,741.2 | 1,738.1 | 1,745.9 | 1,745.9 | 1,749.8 | 1,732.9 | 1,733.0 | 1,736.1 | 1,739.2 |
| 1971 | 1,747.7 | 1,745.2 | 1,753.3 | 1,756.9 | 1,762.4 | 1,761.2 | 1,763.8 | 1,766.2 | 1,769.8 | 1,769.2 | 1,778.9 | 1,793.0 | 1,764.0 |
| 1972 | 1,804.6 | 1,816.3 | 1,824.2 | 1,836.7 | 1,840.9 | 1,824.2 | 1,853.7 | 1,869.9 | 1,879.4 | 1,900.8 | 1,920.9 | 1,939.7 | 1,859.3 |
| 1973 | 1,931.8 | 1,937.8 | 1,938.1 | 1,935.9 | 1,952.0 | 1,958.3 | 1,963.0 | 1,969.0 | 1,975.3 | 1,986.8 | 2,000.0 | 1,991.7 | 1,961.6 |
| 1974 | 1,969.3 | 1,949.2 | 1,928.1 | 1,920.5 | 1,925.1 | 1,931.2 | 1,937.0 | 1,930.1 | 1,926.2 | 1,936.1 | 1,911.5 | 1,902.6 | 1,930.6 |
| 1975 | 1,883.8 | 1,873.1 | 1,873.7 | 1,877.4 | 1,880.1 | 1,881.7 | 1,883.2 | 1,902.3 | 1,911.3 | 1,921.2 | 1,921.5 | 1,923.1 | 1,894.4 |
| 1976 | 1,940.9 | 1,953.6 | 1,957.8 | 1,968.9 | 1,975.8 | 1,979.0 | 1,984.8 | 1,987.9 | 1,993.0 | 1,995.0 | 2,015.3 | 2,025.5 | 1,981.5 |
| 1977 | 2,027.6 | 2,029.2 | 2,038.2 | 2,042.3 | 2,053.4 | 2,060.4 | 2,074.3 | 2,082.6 | 2,098.8 | 2,108.1 | 2,107.2 | 2,117.1 | 2,069.9 |
| 1978 | 2,119.4 | 2,131.5 | 2,154.5 | 2,176.1 | 2,183.5 | 2,192.7 | 2,197.1 | 2,202.8 | 2,217.2 | 2,232.5 | 2,237.2 | 2,250.9 | 2,191.3 |
| 1979 | 2,246.1 | 2,257.5 | 2,263.7 | 2,249.1 | 2,248.6 | 2,251.0 | 2,254.0 | 2,251.8 | 2,247.4 | 2,253.2 | 2,257.3 | 2,255.3 | 2,252.9 |
| 1980 | 2,258.9 | 2,253.1 | 2,245.3 | 2,223.3 | 2,208.4 | 2,210.6 | 2,204.6 | 2,212.7 | 2,213.0 | 2,239.4 | 2,254.1 | 2,269.8 | 2,232.8 |
| 1981 | 2,266.5 | 2,262.3 | 2,264.7 | 2,266.9 | 2,261.8 | 2,272.1 | 2,283.4 | 2,296.3 | 2,295.9 | 2,285.2 | 2,276.8 | 2,268.3 | 2,275.0 |
| 1982 | 2,258.9 | 2,265.9 | 2,271.4 | 2,278.5 | 2,281.2 | 2,266.0 | 2,255.5 | 2,250.7 | 2,244.9 | 2,246.9 | 2,251.5 | 2,259.2 | 2,260.9 |
| 1983 | 2,257.9 | 2,254.9 | 2,262.7 | 2,272.8 | 2,284.9 | 2,295.0 | 2,300.6 | 2,289.8 | 2,308.5 | 2,344.3 | 2,360.2 | 2,383.3 | 2,301.2 |
| 1984 | 2,400.1 | 2,425.0 | 2,436.5 | 2,431.4 | 2,429.2 | 2,445.0 | 2,460.4 | 2,462.5 | 2,480.6 | 2,475.3 | 2,487.7 | 2,517.2 | 2,454.2 |
| 1985 | 2,511.6 | 2,528.5 | 2,532.1 | 2,546.4 | 2,528.8 | 2,536.1 | 2,529.6 | 2,533.8 | 2,537.4 | 2,553.9 | 2,554.2 | 2,588.3 | 2,540.1 |
| 1986 | 2,577.2 | 2,598.1 | 2,617.9 | 2,648.4 | 2,633.4 | 2,627.4 | 2,624.0 | 2,629.9 | 2,630.3 | 2,635.7 | 2,645.2 | 2,663.7 | 2,627.6 |
| 1987 | 2,649.8 | 2,667.9 | 2,668.5 | 2,670.9 | 2,663.0 | 2,661.1 | 2,677.6 | 2,688.4 | 2,688.0 | 2,735.4 | 2,722.8 | 2,772.6 | 2,688.8 |
| 1988 | 2,742.2 | 2,761.1 | 2,777.9 | 2,782.5 | 2,790.7 | 2,802.5 | 2,820.6 | 2,817.9 | 2,821.4 | 2,855.3 | 2,828.4 | 2,844.2 | 2,803.7 |
| 1989 | 2,863.6 | 2,883.5 | 2,892.9 | 2,891.5 | 2,876.0 | 2,879.7 | 2,890.7 | 2,887.5 | 2,885.4 | 2,886.7 | 2,889.8 | 2,905.5 | 2,886.1 |

AR Annual rate

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 57. Manufacturing and trade sales in 1982 dollars (mil. $) | | | | | | | |
| 1948 | 118,924 | 118,996 | 119,844 | 120,363 | 118,975 | 120,450 | 121,524 | 121,772 | 121,732 | 121,838 | 121,313 | 122,186 | 1,447,917 |
| 1949 | 121,013 | 120,815 | 120,363 | 119,822 | 117,977 | 120,918 | 117,611 | 120,160 | 122,518 | 117,887 | 119,457 | 118,438 | 1,436,979 |
| 1950 | 120,687 | 123,195 | 124,852 | 126,382 | 129,523 | 134,883 | 144,990 | 147,142 | 138,022 | 135,225 | 131,064 | 138,427 | 1,594,392 |
| 1951 | 142,198 | 138,477 | 136,274 | 133,929 | 135,103 | 134,090 | 131,396 | 134,722 | 134,668 | 135,591 | 135,258 | 133,950 | 1,625,656 |
| 1952 | 136,142 | 137,586 | 136,861 | 138,535 | 139,960 | 140,207 | 137,249 | 140,302 | 145,160 | 149,816 | 149,291 | 151,984 | 1,703,093 |
| 1953 | 152,827 | 155,029 | 156,707 | 156,761 | 156,071 | 154,172 | 156,365 | 153,131 | 151,778 | 151,020 | 147,270 | 144,725 | 1,835,856 |
| 1954 | 145,488 | 147,132 | 146,316 | 147,561 | 144,989 | 146,839 | 146,406 | 145,466 | 146,194 | 146,761 | 151,172 | 154,744 | 1,769,068 |
| 1955 | 157,049 | 158,363 | 161,580 | 163,265 | 163,966 | 163,981 | 164,506 | 163,836 | 166,530 | 165,831 | 167,231 | 167,504 | 1,963,642 |
| 1956 | 166,533 | 165,217 | 165,835 | 166,313 | 165,746 | 166,531 | 159,202 | 164,539 | 166,076 | 167,504 | 168,298 | 169,945 | 1,991,739 |
| 1957 | 170,428 | 171,009 | 169,829 | 167,132 | 166,504 | 167,466 | 166,792 | 167,925 | 165,664 | 164,853 | 162,647 | 158,962 | 1,999,211 |
| 1958 | 158,693 | 155,964 | 153,627 | 152,905 | 153,507 | 156,375 | 157,981 | 160,762 | 161,687 | 164,350 | 166,886 | 162,305 | 1,905,042 |
| 1959 | 169,171 | 171,759 | 173,787 | 176,409 | 178,349 | 178,588 | 178,056 | 172,146 | 171,673 | 172,048 | 172,431 | 177,213 | 2,091,630 |
| 1960 | 180,310 | 179,488 | 178,579 | 179,019 | 176,665 | 176,526 | 175,671 | 174,732 | 176,693 | 175,759 | 173,478 | 173,835 | 2,120,755 |
| 1961 | 170,170 | 170,652 | 173,582 | 172,634 | 175,237 | 178,415 | 176,266 | 180,432 | 181,053 | 183,449 | 185,189 | 185,952 | 2,133,031 |
| 1962 | 186,103 | 186,279 | 188,810 | 188,964 | 188,743 | 187,945 | 188,693 | 190,027 | 189,532 | 191,400 | 194,068 | 190,801 | 2,271,365 |
| 1963 | 191,644 | 194,672 | 194,784 | 196,599 | 195,246 | 196,939 | 199,862 | 198,699 | 198,905 | 201,024 | 198,841 | 203,233 | 2,370,448 |
| 1964 | 204,401 | 204,416 | 203,875 | 207,237 | 209,468 | 208,897 | 212,403 | 211,734 | 213,717 | 210,520 | 212,737 | 219,532 | 2,518,937 |
| 1965 | 219,001 | 219,720 | 224,425 | 224,961 | 222,586 | 223,579 | 227,599 | 226,309 | 226,300 | 228,433 | 231,626 | 232,436 | 2,706,975 |
| 1966 | 235,004 | 235,261 | 239,082 | 237,236 | 236,400 | 238,940 | 237,516 | 239,017 | 238,581 | 239,223 | 238,267 | 239,320 | 2,853,847 |
| 1967 | 240,683 | 240,103 | 241,224 | 241,764 | 241,778 | 242,180 | 242,231 | 245,094 | 244,586 | 242,674 | 249,367 | 254,505 | 2,926,189 |
| 1968 | 253,268 | 252,367 | 254,702 | 254,484 | 255,811 | 258,318 | 261,421 | 257,298 | 258,463 | 262,424 | 264,602 | 262,358 | 3,095,516 |
| 1969 | 262,817 | 263,351 | 264,881 | 266,114 | 265,628 | 265,576 | 266,838 | 268,281 | 269,770 | 272,363 | 268,828 | 268,492 | 3,202,939 |
| 1970 | 266,193 | 266,117 | 263,077 | 261,197 | 264,302 | 265,068 | 265,304 | 264,040 | 263,719 | 259,410 | 255,066 | 263,400 | 3,156,893 |
| 1971 | 266,503 | 268,370 | 269,566 | 270,797 | 272,757 | 276,032 | 274,561 | 272,723 | 275,870 | 276,732 | 281,154 | 283,107 | 3,288,172 |
| 1972 | 286,021 | 283,333 | 288,408 | 290,673 | 292,158 | 293,360 | 294,426 | 299,442 | 302,786 | 306,505 | 310,984 | 315,510 | 3,563,606 |
| 1973 | 319,753 | 320,695 | 318,570 | 317,043 | 315,838 | 315,125 | 319,434 | 315,042 | 314,748 | 321,820 | 325,864 | 321,157 | 3,825,089 |
| 1974 | 322,233 | 321,221 | 324,631 | 323,278 | 324,245 | 322,973 | 324,071 | 319,951 | 316,556 | 311,977 | 307,863 | 297,563 | 3,816,562 |
| 1975 | 299,329 | 297,819 | 289,129 | 293,784 | 293,427 | 295,918 | 298,738 | 300,772 | 302,010 | 302,264 | 300,902 | 304,130 | 3,578,222 |
| 1976 | 311,859 | 313,590 | 315,999 | 318,843 | 318,089 | 321,512 | 322,575 | 321,723 | 322,108 | 318,804 | 324,127 | 333,797 | 3,843,026 |
| 1977 | 331,852 | 334,565 | 337,868 | 338,325 | 337,305 | 340,383 | 342,373 | 341,778 | 342,445 | 344,215 | 346,521 | 350,556 | 4,088,186 |
| 1978 | 341,965 | 349,152 | 351,317 | 361,606 | 361,130 | 361,847 | 359,825 | 365,883 | 365,287 | 368,323 | 369,757 | 371,137 | 4,327,229 |
| 1979 | 369,985 | 367,923 | 377,061 | 366,508 | 376,904 | 371,425 | 372,211 | 372,562 | 371,318 | 371,263 | 369,810 | 368,721 | 4,455,691 |
| 1980 | 374,948 | 371,095 | 362,046 | 355,654 | 349,992 | 348,292 | 354,293 | 355,814 | 362,185 | 369,390 | 368,911 | 368,715 | 4,341,335 |
| 1981 | 371,021 | 368,785 | 366,140 | 367,956 | 364,925 | 365,087 | 365,205 | 364,703 | 361,783 | 357,149 | 354,608 | 350,559 | 4,357,921 |
| 1982 | 345,082 | 352,372 | 353,461 | 352,899 | 354,879 | 350,178 | 350,522 | 347,423 | 347,233 | 342,851 | 343,964 | 343,007 | 4,183,871 |
| 1983 | 347,982 | 346,283 | 351,439 | 352,345 | 357,366 | 365,534 | 366,117 | 366,994 | 370,574 | 374,010 | 377,792 | 385,300 | 4,361,736 |
| 1984 | 387,583 | 387,461 | 387,669 | 390,002 | 392,783 | 397,269 | 395,640 | 394,596 | 395,240 | 396,476 | 399,780 | 401,156 | 4,725,655 |
| 1985 | 399,978 | 400,835 | 403,446 | 404,373 | 407,591 | 402,722 | 402,576 | 409,798 | 409,914 | 406,936 | 411,322 | 410,011 | 4,869,502 |
| 1986 | 413,598 | 410,794 | 409,980 | 418,891 | 416,004 | 419,559 | 418,320 | 421,178 | 433,670 | 424,357 | 425,639 | 434,296 | 5,046,286 |
| 1987 | 424,537 | 439,060 | 438,802 | 439,865 | 442,315 | 444,483 | 447,425 | 449,510 | 453,463 | 453,686 | 450,984 | 453,524 | 5,337,654 |
| 1988 | 453,699 | 456,902 | 463,150 | 462,177 | 463,430 | 467,474 | 465,216 | 467,602 | 465,770 | 471,960 | 472,760 | 475,685 | 5,585,825 |
| 1989 | 476,823 | 471,436 | 470,054 | 477,552 | 475,910 | 474,372 | 470,181 | 484,980 | 480,843 | 476,868 | 478,552 | 477,581 | 5,715,152 |
| | | | | | | 62a. Index of labor cost per unit of output, manufacturing (1987=100) | | | | | | | |
| 1948 | 37.0 | 36.5 | 37.2 | 37.2 | 36.8 | 36.9 | 37.2 | 37.8 | 38.2 | 38.0 | 38.4 | 38.2 | 37.4 |
| 1949 | 38.3 | 38.7 | 38.1 | 38.3 | 38.2 | 38.2 | 38.0 | 37.7 | 37.4 | 37.4 | 36.6 | 37.1 | 37.8 |
| 1950 | 37.2 | 37.3 | 36.8 | 36.7 | 36.6 | 36.4 | 36.0 | 35.9 | 36.6 | 37.5 | 38.4 | 38.2 | 37.0 |
| 1951 | 38.3 | 38.9 | 39.5 | 40.2 | 40.4 | 40.7 | 41.3 | 41.8 | 41.6 | 41.4 | 41.7 | 42.1 | 40.7 |
| 1952 | 41.8 | 41.9 | 42.1 | 42.2 | 42.6 | 42.7 | 42.1 | 42.3 | 42.6 | 42.7 | 42.1 | 42.5 | 42.3 |
| 1953 | 42.7 | 42.6 | 43.0 | 42.9 | 42.9 | 43.0 | 43.0 | 42.7 | 42.9 | 43.3 | 43.9 | 44.6 | 43.1 |
| 1954 | 44.6 | 44.4 | 44.5 | 44.5 | 44.2 | 44.0 | 43.8 | 44.0 | 43.6 | 43.9 | 44.2 | 43.6 | 44.1 |
| 1955 | 42.9 | 43.1 | 42.8 | 42.5 | 42.5 | 42.4 | 42.5 | 42.9 | 42.9 | 42.7 | 43.5 | 42.9 | 42.8 |
| 1956 | 43.2 | 43.3 | 43.8 | 43.7 | 44.0 | 44.4 | 45.9 | 45.0 | 45.0 | 45.2 | 45.3 | 45.5 | 44.5 |
| 1957 | 45.3 | 45.1 | 45.2 | 45.6 | 45.9 | 45.5 | 45.5 | 45.8 | 45.6 | 46.1 | 47.2 | 47.4 | 45.8 |
| 1958 | 47.9 | 48.0 | 48.5 | 48.6 | 47.9 | 47.0 | 47.2 | 46.9 | 47.1 | 46.5 | 46.3 | 46.5 | 47.4 |
| 1959 | 46.4 | 46.2 | 45.9 | 45.6 | 45.5 | 45.8 | 46.6 | 47.3 | 47.5 | 47.9 | 47.8 | 46.2 | 46.6 |
| 1960 | 45.8 | 46.4 | 46.9 | 47.1 | 47.3 | 47.6 | 47.4 | 47.3 | 47.5 | 47.7 | 48.2 | 48.2 | 47.3 |
| 1961 | 48.3 | 48.6 | 48.3 | 47.8 | 47.7 | 47.2 | 46.9 | 46.8 | 46.6 | 46.4 | 46.5 | 46.2 | 47.3 |
| 1962 | 46.8 | 46.6 | 46.7 | 47.1 | 47.2 | 47.6 | 47.1 | 47.0 | 46.9 | 47.0 | 46.9 | 46.9 | 47.0 |
| 1963 | 46.8 | 46.5 | 46.4 | 45.8 | 45.6 | 45.7 | 46.2 | 46.0 | 46.1 | 45.9 | 46.0 | 46.3 | 46.1 |
| 1964 | 45.8 | 46.1 | 46.3 | 45.9 | 46.1 | 46.0 | 46.0 | 46.1 | 46.4 | 46.2 | 45.8 | 45.6 | 46.0 |
| 1965 | 45.2 | 45.2 | 45.1 | 44.8 | 44.7 | 44.8 | 44.4 | 44.6 | 44.6 | 44.8 | 45.1 | 45.0 | 44.9 |
| 1966 | 45.0 | 45.6 | 45.5 | 45.8 | 45.6 | 45.8 | 45.7 | 46.2 | 46.3 | 46.2 | 46.6 | 46.5 | 45.9 |
| 1967 | 46.7 | 46.8 | 47.1 | 46.8 | 47.1 | 47.3 | 47.7 | 47.6 | 47.4 | 47.0 | 47.1 | 47.1 | 47.1 |
| 1968 | 47.7 | 48.1 | 48.2 | 48.6 | 48.5 | 48.8 | 49.0 | 49.0 | 49.3 | 49.7 | 49.4 | 49.7 | 48.8 |
| 1969 | 49.6 | 49.5 | 49.7 | 50.0 | 50.6 | 50.6 | 50.8 | 51.2 | 51.4 | 51.5 | 51.9 | 52.4 | 50.8 |
| 1970 | 53.3 | 53.1 | 53.7 | 53.5 | 53.4 | 53.6 | 53.6 | 53.8 | 53.7 | 53.8 | 53.8 | 53.7 | 53.6 |
| 1971 | 53.9 | 54.1 | 54.2 | 54.1 | 54.2 | 54.1 | 54.0 | 54.7 | 53.6 | 53.3 | 53.3 | 53.8 | 53.9 |
| 1972 | 53.0 | 53.7 | 53.9 | 53.4 | 53.9 | 54.1 | 53.8 | 53.9 | 53.9 | 53.8 | 53.9 | 54.0 | 53.8 |
| 1973 | 54.5 | 54.9 | 55.1 | 55.6 | 55.6 | 55.5 | 55.8 | 55.8 | 56.0 | 56.4 | 56.8 | 58.3 | 55.9 |
| 1974 | 59.2 | 59.6 | 59.7 | 60.3 | 60.5 | 60.8 | 61.7 | 62.0 | 62.4 | 63.2 | 64.3 | 66.4 | 61.7 |
| 1975 | 67.4 | 67.8 | 69.3 | 69.0 | 69.4 | 68.9 | 68.7 | 69.0 | 69.1 | 69.3 | 69.4 | 69.7 | 68.9 |
| 1976 | 70.4 | 69.6 | 70.5 | 70.8 | 70.7 | 71.0 | 71.0 | 71.4 | 71.7 | 71.5 | 71.7 | 71.7 | 71.0 |
| 1977 | 71.5 | 72.5 | 72.5 | 72.6 | 72.9 | 73.4 | 74.1 | 74.2 | 74.6 | 75.4 | 75.7 | 76.3 | 73.8 |
| 1978 | 76.8 | 77.9 | 78.6 | 77.4 | 77.7 | 77.9 | 78.5 | 78.7 | 79.1 | 79.5 | 79.2 | 80.5 | 78.5 |
| 1979 | 81.6 | 81.9 | 82.3 | 83.5 | 83.2 | 84.0 | 85.2 | 85.6 | 86.2 | 86.2 | 87.0 | 87.9 | 84.6 |
| 1980 | 88.1 | 88.1 | 88.8 | 90.5 | 92.7 | 93.9 | 94.2 | 94.3 | 94.2 | 94.5 | 94.5 | 95.5 | 92.4 |
| 1981 | 97.0 | 96.0 | 96.8 | 98.0 | 98.1 | 98.6 | 98.2 | 99.3 | 99.8 | 100.8 | 101.3 | 102.1 | 98.8 |
| 1982 | 104.0 | 101.5 | 101.9 | 102.5 | 102.8 | 102.8 | 103.0 | 103.1 | 103.3 | 103.6 | 103.7 | 104.7 | 103.1 |
| 1983 | 102.9 | 102.9 | 102.1 | 102.0 | 101.5 | 101.5 | 101.1 | 100.2 | 99.6 | 99.9 | 100.5 | 101.2 | 101.3 |
| 1984 | 100.2 | 100.7 | 100.3 | 100.8 | 100.4 | 100.3 | 100.6 | 100.9 | 101.2 | 101.7 | 102.2 | 103.1 | 101.0 |
| 1985 | 103.6 | 102.4 | 103.6 | 101.8 | 101.4 | 102.3 | 102.6 | 102.3 | 102.1 | 103.9 | 102.5 | 103.1 | 102.6 |
| 1986 | 102.0 | 102.2 | 104.4 | 102.6 | 102.8 | 103.0 | 102.7 | 102.6 | 102.4 | 102.7 | 101.8 | 101.0 | 102.5 |
| 1987 | 102.3 | 101.1 | 101.3 | 100.3 | 99.8 | 98.7 | 98.4 | 99.3 | 100.3 | 99.2 | 99.8 | 99.9 | 100.0 |
| 1988 | 100.1 | 100.3 | 101.6 | 100.7 | 100.7 | 101.2 | 100.8 | 100.6 | 101.3 | 102.6 | 101.5 | 100.9 | 101.0 |
| 1989 | 100.9 | 101.7 | 102.6 | 101.0 | 101.1 | 101.4 | 102.1 | 101.9 | 101.7 | 102.7 | 101.2 | 101.6 | 101.7 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **62b. Change in index of labor cost per unit of output, manufacturing (AR, percent)** | | | | | | | | | | | | | |
| 1948 | 21.7 | −15.1 | 25.6 | 0 | −12.2 | 3.3 | 10.2 | 21.2 | 13.5 | −6.1 | 13.4 | −6.1 | 5.8 |
| 1949 | 3.2 | 13.3 | −17.1 | 6.5 | −3.1 | 0 | −6.1 | −9.1 | −9.1 | 0 | −22.9 | 17.7 | −2.2 |
| 1950 | 3.3 | 3.3 | −15.0 | −3.2 | −3.2 | −6.4 | −12.4 | −3.3 | 26.1 | 33.8 | 32.9 | −6.1 | 4.2 |
| 1951 | 3.2 | 20.5 | 20.2 | 23.5 | 6.1 | 9.3 | 19.2 | 15.5 | −5.6 | −5.6 | 9.1 | 12.1 | 10.6 |
| 1952 | −8.2 | 2.9 | 5.9 | 2.9 | 12.0 | 2.9 | −15.6 | 5.9 | 8.9 | 2.9 | −15.6 | 12.0 | 1.4 |
| 1953 | 5.8 | −2.8 | 11.9 | −2.8 | 0 | 2.8 | 0 | −8.1 | 5.8 | 11.8 | 18.0 | 20.9 | 5.3 |
| 1954 | 0 | −5.3 | 2.7 | 0 | −7.8 | −5.3 | −5.3 | 5.6 | −10.4 | 8.6 | 8.5 | −15.1 | −2.0 |
| 1955 | −17.7 | 5.7 | −8.0 | −8.1 | 0 | −2.8 | 2.9 | 11.9 | 0 | −5.5 | 25.0 | −15.4 | −1.0 |
| 1956 | 8.7 | 2.8 | 14.8 | −2.7 | 8.6 | 11.5 | 49.0 | −21.2 | 0 | 5.5 | 2.7 | 5.4 | 7.1 |
| 1957 | −5.1 | −5.2 | 2.7 | 11.2 | 8.2 | −10.0 | 0 | 8.2 | −5.1 | 14.0 | 32.7 | 5.2 | 4.7 |
| 1958 | 13.4 | 2.5 | 13.2 | 2.5 | −16.0 | −20.4 | 5.2 | −7.4 | 5.2 | −14.3 | −5.0 | 5.3 | −1.3 |
| 1959 | −2.6 | −5.1 | −7.5 | −7.6 | −2.6 | 8.2 | 23.1 | 19.6 | 5.2 | 10.6 | −2.5 | −33.5 | .4 |
| 1960 | −9.9 | 16.9 | 13.7 | 5.2 | 5.2 | 7.9 | −4.9 | −2.5 | 5.2 | 5.2 | 13.3 | 0 | 4.6 |
| 1961 | 2.5 | 7.7 | −7.2 | −11.7 | −2.5 | −11.9 | −7.4 | −2.5 | −5.0 | −5.0 | 2.6 | −7.5 | −4.0 |
| 1962 | 16.7 | −5.0 | 2.6 | 10.8 | 2.6 | 10.7 | −11.9 | −2.5 | −2.5 | 2.6 | −2.5 | 0 | 1.8 |
| 1963 | −2.5 | −7.4 | −2.6 | −14.5 | −5.1 | 2.7 | 13.9 | −5.1 | 2.6 | −5.1 | 2.6 | 8.1 | −1.0 |
| 1964 | −12.2 | 8.1 | 5.3 | −9.9 | 5.4 | −2.6 | 0 | 2.6 | 8.1 | −5.1 | −9.9 | −5.1 | −1.3 |
| 1965 | −10.0 | 0 | −2.6 | −7.7 | −2.6 | 2.7 | −10.2 | 5.5 | 0 | 5.5 | 8.3 | −2.6 | −1.1 |
| 1966 | 0 | 17.2 | −2.6 | 8.2 | −5.1 | 5.4 | −2.6 | 13.9 | 2.6 | −2.6 | 10.9 | −2.5 | 3.6 |
| 1967 | 5.3 | 2.6 | 8.0 | −7.4 | 8.0 | 5.2 | 10.6 | −2.5 | −4.9 | −9.7 | 2.6 | 0 | 1.5 |
| 1968 | 16.4 | 10.5 | 2.5 | 10.4 | −2.4 | 7.7 | 5.0 | 0 | 7.6 | 10.2 | −7.0 | 7.5 | 5.7 |
| 1969 | −2.4 | −2.4 | 5.0 | 7.5 | 15.4 | 0 | 4.8 | 9.9 | 4.8 | 2.4 | 9.7 | 12.2 | 5.6 |
| 1970 | 22.7 | −4.4 | 14.4 | −4.4 | −2.2 | 4.6 | 0 | 4.6 | −2.2 | 2.3 | 0 | −2.2 | 2.8 |
| 1971 | 4.6 | 4.5 | 2.2 | −2.2 | 2.2 | −2.2 | −2.2 | 16.7 | −21.6 | −6.5 | 0 | 11.9 | .6 |
| 1972 | −16.5 | 17.1 | 4.6 | −10.6 | 11.8 | 4.5 | −6.5 | 2.3 | 0 | −2.2 | 2.3 | 2.2 | .8 |
| 1973 | 11.7 | 9.2 | 4.5 | 11.4 | 0 | −2.1 | 6.7 | 0 | 4.4 | 8.9 | 8.9 | 36.7 | 8.4 |
| 1974 | 20.2 | 8.4 | 2.0 | 12.7 | 4.1 | 6.1 | 19.3 | 6.0 | 8.0 | 16.5 | 23.0 | 47.1 | 14.4 |
| 1975 | 19.6 | 7.4 | 30.0 | −5.1 | 7.2 | −8.3 | −3.4 | 5.4 | 1.8 | 3.5 | 1.7 | 5.3 | 5.4 |
| 1976 | 12.7 | −12.8 | 16.7 | 5.2 | −1.7 | 5.2 | 0 | 7.0 | 5.2 | −3.3 | 3.4 | 0 | 3.1 |
| 1977 | −3.3 | 18.1 | 0 | 1.7 | 5.1 | 8.5 | 12.1 | 1.6 | 6.7 | 13.7 | 4.9 | 9.9 | 6.6 |
| 1978 | 8.2 | 18.6 | 11.3 | −16.9 | 4.8 | 3.1 | 9.6 | 3.1 | 6.3 | 6.2 | −4.4 | 21.6 | 6.0 |
| 1979 | 17.7 | 4.5 | 6.0 | 19.0 | −4.2 | 12.2 | 18.6 | 5.8 | 8.7 | 0 | 11.7 | 13.1 | 9.4 |
| 1980 | 2.8 | 0 | 10.0 | 25.6 | 33.4 | 16.7 | 3.9 | 1.3 | −1.3 | 3.9 | 0 | 13.5 | 9.2 |
| 1981 | 20.6 | −11.7 | 10.5 | 15.9 | 1.2 | 6.3 | −4.8 | 14.3 | 6.2 | 12.7 | 6.1 | 9.9 | 7.3 |
| 1982 | 24.8 | −25.3 | 4.8 | 7.3 | 3.6 | 0 | 2.4 | 1.2 | 2.4 | 3.5 | 1.2 | 12.2 | 3.2 |
| 1983 | −18.8 | 0 | −8.9 | −1.2 | −5.7 | 0 | −4.6 | −10.2 | −7.0 | 3.7 | 7.5 | 8.7 | −3.0 |
| 1984 | −11.2 | 6.2 | −4.7 | 6.1 | −4.7 | −1.2 | 3.6 | 3.6 | 3.6 | 6.1 | 6.1 | 11.1 | 2.0 |
| 1985 | 6.0 | −13.0 | 15.0 | −19.0 | −4.6 | 11.2 | 3.6 | −3.5 | −2.3 | 23.3 | −15.0 | 7.3 | .8 |
| 1986 | −12.1 | 2.4 | 29.1 | −18.8 | 2.4 | 2.4 | −3.4 | −1.2 | −2.3 | 3.6 | −10.0 | −9.0 | −1.4 |
| 1987 | 16.6 | −13.2 | 2.4 | −11.2 | −5.8 | −12.5 | −3.6 | 11.5 | 12.8 | −12.4 | 7.5 | 1.2 | −.6 |
| 1988 | 2.4 | 2.4 | 16.7 | −10.1 | 0 | 6.1 | −4.6 | −2.4 | 8.7 | 16.5 | −12.1 | −6.9 | 1.4 |
| 1989 | 0 | 9.9 | 11.2 | −17.2 | 1.2 | 3.6 | 8.6 | −2.3 | −2.3 | 12.5 | −16.2 | 4.8 | 1.2 |
| **62. Change in index of labor cost per unit of output, manufacturing, smoothed (AR, percent) †** | | | | | | | | | | | | | |
| 1948 | 12.4 | 10.0 | 10.6 | 9.6 | 6.0 | 3.6 | 3.1 | 5.2 | 7.5 | 7.1 | 7.7 | 6.2 | 7.4 |
| 1949 | 4.9 | 5.3 | 2.5 | 1.4 | .1 | −.6 | −1.8 | −3.4 | −5.2 | −5.5 | −8.0 | −6.1 | −1.4 |
| 1950 | −3.6 | −1.3 | −1.8 | −2.2 | −2.6 | −3.4 | −5.0 | −5.8 | −1.9 | 5.1 | 13.0 | 15.0 | .5 |
| 1951 | 14.6 | 15.2 | 16.2 | 17.8 | 17.1 | 15.7 | 15.3 | 15.1 | 12.2 | 8.1 | 5.9 | 5.4 | 13.2 |
| 1952 | 3.3 | 2.0 | 1.8 | 1.8 | 3.2 | 3.9 | 1.8 | 1.1 | 1.7 | 2.2 | .1 | .5 | 2.0 |
| 1953 | 1.4 | 1.4 | 2.8 | 2.9 | 2.5 | 2.4 | 1.9 | .3 | .1 | 1.6 | 4.7 | 8.6 | 2.6 |
| 1954 | 9.8 | 8.4 | 6.9 | 5.0 | 2.2 | −.4 | −2.6 | −2.8 | −3.9 | −2.9 | −.8 | −1.5 | 1.4 |
| 1955 | −4.0 | −4.2 | −4.9 | −5.7 | −5.4 | −4.9 | −3.5 | −.6 | 1.1 | 1.3 | 4.5 | 3.8 | −1.9 |
| 1956 | 4.0 | 4.0 | 5.4 | 5.1 | 5.5 | 6.5 | 12.8 | 11.9 | 9.8 | 8.0 | 6.2 | 5.1 | 7.0 |
| 1957 | 3.0 | .7 | −.4 | .6 | 2.1 | 1.4 | .8 | 1.4 | .9 | 2.4 | 7.3 | 9.9 | 2.5 |
| 1958 | 11.9 | 11.8 | 11.9 | 10.7 | 6.5 | .3 | −2.6 | −5.0 | −5.0 | −6.2 | −6.8 | −5.5 | 1.8 |
| 1959 | −4.4 | −3.8 | −4.0 | −4.5 | −4.6 | −2.9 | 1.5 | 6.6 | 9.4 | 11.2 | 10.4 | 4.0 | 1.6 |
| 1960 | −1.6 | −2.4 | −.7 | 1.1 | 2.7 | 4.3 | 4.0 | 3.0 | 2.7 | 2.8 | 4.3 | 4.6 | 2.1 |
| 1961 | 4.5 | 4.9 | 3.5 | .6 | −1.5 | −4.1 | −6.1 | −6.8 | −6.9 | −6.8 | −5.4 | −4.9 | −2.4 |
| 1962 | −1.7 | −.3 | 1.0 | 3.0 | 4.1 | 5.7 | 4.2 | 2.5 | .8 | 0 | −.8 | −1.1 | 1.4 |
| 1963 | −1.5 | −2.5 | −3.1 | −5.0 | −6.1 | −5.6 | −2.7 | −1.3 | .1 | .1 | .5 | 1.8 | −2.1 |
| 1964 | .6 | 1.0 | 1.7 | .6 | .6 | .2 | −.1 | .1 | 1.3 | 1.1 | −.4 | −2.0 | .4 |
| 1965 | −4.0 | −4.6 | −4.7 | −5.2 | −5.1 | −4.0 | −4.2 | −3.0 | −1.9 | −.3 | 1.8 | 2.5 | −2.7 |
| 1966 | 2.5 | 4.5 | 4.7 | 5.3 | 4.3 | 3.8 | 2.7 | 3.5 | 3.9 | 3.2 | 3.9 | 3.4 | 3.8 |
| 1967 | 3.4 | 3.3 | 3.8 | 2.6 | 2.7 | 3.0 | 4.3 | 4.1 | 2.8 | .3 | −.8 | −1.4 | 2.3 |
| 1968 | .7 | 3.2 | 4.6 | 6.2 | 6.0 | 6.1 | 6.0 | 5.1 | 5.0 | 5.6 | 4.2 | 3.9 | 4.7 |
| 1969 | 2.8 | 1.5 | 1.2 | 1.9 | 4.1 | 4.8 | 5.3 | 6.1 | 6.5 | 6.1 | 6.4 | 7.3 | 4.5 |
| 1970 | 10.0 | 9.6 | 10.0 | 8.3 | 5.9 | 4.3 | 2.8 | 2.2 | 1.2 | .8 | .4 | −.1 | 4.6 |
| 1971 | .2 | .9 | 1.6 | 1.4 | 1.4 | 1.0 | .3 | 2.1 | −.1 | −2.2 | −3.1 | −1.7 | .2 |
| 1972 | −2.8 | −.8 | 1.1 | .7 | 1.9 | 3.0 | 2.3 | 1.9 | 1.5 | .7 | .4 | .5 | .9 |
| 1973 | 2.1 | 4.0 | 5.1 | 6.7 | 6.7 | 5.5 | 5.0 | 4.0 | 3.5 | 3.9 | 4.8 | 9.6 | 5.1 |
| 1974 | 13.9 | 15.6 | 14.8 | 14.1 | 12.3 | 10.4 | 10.5 | 10.0 | 9.4 | 10.0 | 12.1 | 18.0 | 12.6 |
| 1975 | 21.7 | 22.0 | 23.2 | 20.1 | 16.6 | 11.1 | 6.0 | 2.9 | 1.0 | .2 | −.1 | .5 | 10.4 |
| 1976 | 2.4 | 1.6 | 3.1 | 4.2 | 4.1 | 4.2 | 3.7 | 3.8 | 4.1 | 3.3 | 2.8 | 2.1 | 3.3 |
| 1977 | 1.0 | 2.7 | 3.3 | 3.4 | 3.7 | 4.5 | 6.0 | 6.3 | 6.5 | 7.6 | 7.9 | 8.3 | 5.1 |
| 1978 | 8.6 | 10.0 | 11.1 | 7.9 | 5.7 | 4.0 | 3.8 | 3.5 | 3.8 | 4.2 | 3.4 | 5.3 | 5.9 |
| 1979 | 8.1 | 9.2 | 9.5 | 10.9 | 9.7 | 9.3 | 10.4 | 10.4 | 10.1 | 8.6 | 8.2 | 8.6 | 9.4 |
| 1980 | 8.0 | 6.6 | 6.3 | 8.6 | 13.4 | 16.6 | 16.8 | 14.8 | 11.5 | 8.5 | 5.6 | 5.0 | 10.1 |
| 1981 | 6.7 | 5.3 | 5.1 | 6.5 | 6.6 | 6.6 | 5.1 | 5.4 | 5.7 | 6.8 | 7.4 | 8.1 | 6.3 |
| 1982 | 10.7 | 7.4 | 5.1 | 4.1 | 3.4 | 2.6 | 2.0 | 1.6 | 1.5 | 1.7 | 1.7 | 3.2 | 3.8 |
| 1983 | 1.0 | −.3 | −2.3 | −3.3 | −4.2 | −4.2 | −4.2 | −5.0 | −5.8 | −4.9 | −2.8 | 0 | −3.0 |
| 1984 | .2 | 1.1 | .8 | 1.4 | .9 | .3 | .4 | .9 | 1.6 | 2.6 | 3.6 | 5.2 | 1.6 |
| 1985 | 6.3 | 4.3 | 4.6 | 1.6 | −1.0 | −.9 | −.2 | −.3 | −.6 | 2.5 | 1.9 | 2.3 | 1.7 |
| 1986 | .6 | −.2 | 3.3 | 2.4 | 1.9 | 1.6 | .8 | 0 | −.7 | −.6 | −1.8 | −3.4 | .3 |
| 1987 | −1.7 | −2.3 | −1.9 | −3.0 | −4.0 | −5.7 | −6.5 | −4.5 | −1.0 | −.5 | .9 | 1.7 | −2.4 |
| 1988 | 2.3 | 2.7 | 4.8 | 4.0 | 3.0 | 2.8 | 1.7 | .5 | .9 | 3.3 | 2.6 | .9 | 2.5 |
| 1989 | −.2 | .5 | 2.3 | .8 | 0 | 0 | 1.1 | 1.3 | 1.0 | 2.3 | .6 | .2 | .8 |

† Data are smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

AR Annual rate

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **77. Ratio, manufacturing and trade inventories to sales in 1982 dollars (ratio)** | | | | | | | | | | | | | |
| 1948 | 1.44 | 1.45 | 1.45 | 1.45 | 1.47 | 1.47 | 1.48 | 1.48 | 1.48 | 1.48 | 1.49 | 1.47 | 1.47 |
| 1949 | 1.51 | 1.52 | 1.52 | 1.52 | 1.55 | 1.51 | 1.55 | 1.52 | 1.50 | 1.55 | 1.51 | 1.51 | 1.52 |
| 1950 | 1.48 | 1.45 | 1.44 | 1.43 | 1.41 | 1.36 | 1.25 | 1.26 | 1.36 | 1.40 | 1.47 | 1.40 | 1.39 |
| 1951 | 1.40 | 1.44 | 1.48 | 1.53 | 1.55 | 1.58 | 1.63 | 1.60 | 1.61 | 1.61 | 1.63 | 1.65 | 1.56 |
| 1952 | 1.64 | 1.62 | 1.63 | 1.61 | 1.59 | 1.60 | 1.63 | 1.59 | 1.56 | 1.53 | 1.54 | 1.52 | 1.59 |
| 1953 | 1.55 | 1.53 | 1.52 | 1.53 | 1.54 | 1.57 | 1.56 | 1.59 | 1.60 | 1.60 | 1.63 | 1.65 | 1.57 |
| 1954 | 1.64 | 1.61 | 1.62 | 1.60 | 1.62 | 1.59 | 1.59 | 1.59 | 1.58 | 1.57 | 1.52 | 1.49 | 1.58 |
| 1955 | 1.47 | 1.46 | 1.44 | 1.42 | 1.43 | 1.44 | 1.44 | 1.46 | 1.43 | 1.44 | 1.43 | 1.44 | 1.44 |
| 1956 | 1.45 | 1.48 | 1.47 | 1.48 | 1.50 | 1.50 | 1.57 | 1.53 | 1.52 | 1.51 | 1.51 | 1.49 | 1.50 |
| 1957 | 1.49 | 1.49 | 1.50 | 1.52 | 1.53 | 1.52 | 1.53 | 1.53 | 1.56 | 1.55 | 1.57 | 1.60 | 1.53 |
| 1958 | 1.58 | 1.60 | 1.62 | 1.62 | 1.61 | 1.58 | 1.56 | 1.53 | 1.53 | 1.51 | 1.49 | 1.54 | 1.56 |
| 1959 | 1.48 | 1.46 | 1.45 | 1.45 | 1.44 | 1.45 | 1.46 | 1.51 | 1.51 | 1.51 | 1.51 | 1.48 | 1.48 |
| 1960 | 1.47 | 1.49 | 1.51 | 1.50 | 1.53 | 1.53 | 1.54 | 1.55 | 1.54 | 1.54 | 1.56 | 1.54 | 1.52 |
| 1961 | 1.57 | 1.56 | 1.53 | 1.54 | 1.52 | 1.49 | 1.51 | 1.48 | 1.49 | 1.47 | 1.46 | 1.46 | 1.51 |
| 1962 | 1.47 | 1.48 | 1.46 | 1.46 | 1.47 | 1.49 | 1.48 | 1.48 | 1.49 | 1.48 | 1.46 | 1.49 | 1.48 |
| 1963 | 1.49 | 1.47 | 1.47 | 1.46 | 1.48 | 1.47 | 1.46 | 1.47 | 1.48 | 1.47 | 1.49 | 1.45 | 1.47 |
| 1964 | 1.46 | 1.46 | 1.47 | 1.45 | 1.44 | 1.45 | 1.42 | 1.44 | 1.43 | 1.45 | 1.45 | 1.41 | 1.44 |
| 1965 | 1.43 | 1.43 | 1.41 | 1.41 | 1.44 | 1.44 | 1.42 | 1.44 | 1.44 | 1.43 | 1.42 | 1.42 | 1.43 |
| 1966 | 1.41 | 1.43 | 1.42 | 1.43 | 1.45 | 1.45 | 1.47 | 1.48 | 1.49 | 1.50 | 1.52 | 1.52 | 1.46 |
| 1967 | 1.53 | 1.54 | 1.54 | 1.54 | 1.55 | 1.54 | 1.55 | 1.55 | 1.55 | 1.56 | 1.53 | 1.51 | 1.54 |
| 1968 | 1.52 | 1.53 | 1.52 | 1.53 | 1.53 | 1.52 | 1.51 | 1.55 | 1.54 | 1.53 | 1.52 | 1.53 | 1.53 |
| 1969 | 1.53 | 1.54 | 1.54 | 1.53 | 1.54 | 1.55 | 1.55 | 1.55 | 1.54 | 1.54 | 1.56 | 1.57 | 1.54 |
| 1970 | 1.58 | 1.59 | 1.61 | 1.63 | 1.60 | 1.60 | 1.61 | 1.63 | 1.63 | 1.65 | 1.68 | 1.62 | 1.62 |
| 1971 | 1.61 | 1.61 | 1.61 | 1.61 | 1.60 | 1.58 | 1.59 | 1.61 | 1.60 | 1.60 | 1.57 | 1.56 | 1.60 |
| 1972 | 1.55 | 1.56 | 1.54 | 1.53 | 1.53 | 1.53 | 1.52 | 1.51 | 1.50 | 1.49 | 1.47 | 1.45 | 1.52 |
| 1973 | 1.44 | 1.44 | 1.46 | 1.47 | 1.48 | 1.50 | 1.49 | 1.50 | 1.51 | 1.48 | 1.47 | 1.51 | 1.48 |
| 1974 | 1.51 | 1.52 | 1.51 | 1.52 | 1.53 | 1.55 | 1.55 | 1.56 | 1.59 | 1.62 | 1.65 | 1.72 | 1.57 |
| 1975 | 1.71 | 1.71 | 1.75 | 1.72 | 1.71 | 1.69 | 1.67 | 1.66 | 1.65 | 1.65 | 1.65 | 1.63 | 1.68 |
| 1976 | 1.60 | 1.59 | 1.59 | 1.58 | 1.59 | 1.58 | 1.59 | 1.59 | 1.60 | 1.63 | 1.60 | 1.56 | 1.59 |
| 1977 | 1.58 | 1.57 | 1.56 | 1.56 | 1.57 | 1.56 | 1.56 | 1.57 | 1.58 | 1.57 | 1.57 | 1.56 | 1.57 |
| 1978 | 1.61 | 1.58 | 1.58 | 1.55 | 1.56 | 1.56 | 1.57 | 1.55 | 1.56 | 1.55 | 1.55 | 1.56 | 1.56 |
| 1979 | 1.57 | 1.59 | 1.55 | 1.60 | 1.56 | 1.59 | 1.60 | 1.59 | 1.59 | 1.59 | 1.60 | 1.60 | 1.59 |
| 1980 | 1.58 | 1.59 | 1.63 | 1.68 | 1.71 | 1.71 | 1.68 | 1.67 | 1.64 | 1.60 | 1.60 | 1.60 | 1.64 |
| 1981 | 1.60 | 1.61 | 1.62 | 1.61 | 1.63 | 1.64 | 1.64 | 1.64 | 1.66 | 1.68 | 1.70 | 1.72 | 1.65 |
| 1982 | 1.73 | 1.69 | 1.69 | 1.69 | 1.67 | 1.70 | 1.70 | 1.71 | 1.71 | 1.72 | 1.70 | 1.70 | 1.70 |
| 1983 | 1.66 | 1.67 | 1.63 | 1.63 | 1.61 | 1.57 | 1.57 | 1.57 | 1.56 | 1.55 | 1.54 | 1.52 | 1.59 |
| 1984 | 1.52 | 1.53 | 1.54 | 1.55 | 1.55 | 1.54 | 1.56 | 1.57 | 1.58 | 1.58 | 1.58 | 1.57 | 1.56 |
| 1985 | 1.58 | 1.58 | 1.57 | 1.57 | 1.55 | 1.57 | 1.58 | 1.55 | 1.55 | 1.56 | 1.55 | 1.56 | 1.56 |
| 1986 | 1.55 | 1.56 | 1.58 | 1.55 | 1.55 | 1.54 | 1.55 | 1.54 | 1.49 | 1.52 | 1.51 | 1.48 | 1.54 |
| 1987 | 1.52 | 1.47 | 1.48 | 1.47 | 1.47 | 1.47 | 1.46 | 1.45 | 1.45 | 1.46 | 1.48 | 1.48 | 1.47 |
| 1988 | 1.48 | 1.47 | 1.46 | 1.46 | 1.46 | 1.45 | 1.46 | 1.46 | 1.47 | 1.45 | 1.45 | 1.45 | 1.46 |
| 1989 | 1.45 | 1.47 | 1.47 | 1.45 | 1.46 | 1.47 | 1.48 | 1.44 | 1.45 | 1.47 | 1.47 | 1.47 | 1.46 |
| **83. Index of consumer expectations, NSA (1966:I=100) © [1]** | | | | | | | | | | | | | |
| 1948 | | | | | | | | | | | | | |
| 1949 | | | | | | | | | | | | | |
| 1950 | | | | | | | | | | | | | |
| 1951 | | | | | | | | | | | | | |
| 1952 | | | | | | | | | | | 92.4 | | |
| 1953 | | 95.5 | | | | | | | | | 83.9 | | |
| 1954 | | 85.3 | | | 86.1 | | | | | | 89.7 | | |
| 1955 | | | | | 99.9 | | | | | | 103.8 | | |
| 1956 | | | | | 103.3 | | | 105.2 | | | 105.2 | | |
| 1957 | | | | | 96.2 | | | | | | 86.3 | | |
| 1958 | | | | | 82.9 | | | | | | 94.1 | | |
| 1959 | | | | | 97.5 | | | | | | 95.8 | | |
| 1960 | | 104.6 | | | 98.6 | | | 97.5 | | | 93.4 | | |
| 1961 | | 94.9 | | | 98.1 | | | 98.5 | | | 96.8 | | |
| 1962 | | 103.4 | | | 96.5 | | | 93.4 | | | 99.2 | | |
| 1963 | | 99.9 | | | 94.1 | | | 97.0 | | | 97.0 | | |
| 1964 | | 99.4 | | | 97.2 | | | | | | | | |
| 1965 | | 103.0 | | | | | | 104.3 | | | 107.3 | | |
| 1966 | | 100.0 | | | 96.0 | | | 90.7 | | | 90.2 | | |
| 1967 | | 96.4 | | | 94.3 | | | 95.5 | | | 91.1 | | |
| 1968 | | 94.3 | | | 89.9 | | | 89.6 | | | 91.6 | | |
| 1969 | | 98.0 | | | 91.1 | | | 86.6 | | | 79.6 | | |
| 1970 | | 75.8 | | | 71.2 | | | 75.7 | | | 71.3 | | |
| 1971 | | 75.9 | | | 75.9 | | | 78.4 | | | 77.2 | | |
| 1972 | | 90.9 | | | 82.2 | | | 91.3 | | | 87.8 | | |
| 1973 | | 73.3 | | | 67.3 | | | 63.0 | | | 67.1 | | |
| 1974 | | 49.4 | | | 63.9 | | | 57.6 | | | 51.2 | | |
| 1975 | | 50.0 | | | 69.8 | | | 70.7 | | | 69.9 | | |
| 1976 | | 81.2 | | | 79.5 | | | 85.5 | | | 85.9 | | |
| 1977 | | 84.2 | | | 83.6 | | | 81.5 | | | 75.9 | | |
| 1978 | 75.7 | 77.2 | 69.5 | 71.1 | 73.0 | 68.1 | 72.0 | 67.0 | 69.8 | 71.7 | 62.8 | 53.8 | 69.3 |
| 1979 | 58.4 | 62.2 | 53.7 | 53.3 | 54.9 | 51.4 | 44.2 | 49.3 | 53.6 | 49.5 | 52.0 | 51.5 | 52.8 |
| 1980 | 54.1 | 54.9 | 44.3 | 44.4 | 45.3 | 53.0 | 53.4 | 59.6 | 67.2 | 68.9 | 76.2 | 59.7 | 56.8 |
| 1981 | 67.2 | 61.4 | 61.4 | 68.1 | 72.9 | 70.5 | 66.4 | 70.1 | 68.3 | 61.5 | 55.6 | 56.8 | 65.0 |
| 1982 | 62.9 | 58.7 | 53.1 | 61.1 | 62.0 | 60.1 | 57.6 | 60.9 | 66.9 | 70.4 | 71.0 | 67.9 | 62.7 |
| 1983 | 65.2 | 71.2 | 80.9 | 86.9 | 93.4 | 89.2 | 91.1 | 88.2 | 85.8 | 86.1 | 87.9 | 91.0 | 84.7 |
| 1984 | 97.0 | 93.2 | 97.7 | 91.4 | 90.6 | 89.8 | 91.9 | 93.7 | 96.4 | 91.6 | 91.5 | 87.9 | 92.7 |
| 1985 | 90.3 | 86.5 | 87.3 | 87.0 | 84.2 | 91.1 | 87.4 | 86.3 | 84.2 | 80.8 | 84.5 | 88.1 | 86.5 |
| 1986 | 85.3 | 87.8 | 86.9 | 88.5 | 87.5 | 90.3 | 88.5 | 85.9 | 81.3 | 87.1 | 81.6 | 78.3 | 85.8 |
| 1987 | 80.9 | 81.6 | 83.3 | 84.7 | 80.6 | 80.8 | 83.3 | 85.8 | 84.2 | 80.4 | 72.7 | 76.7 | 81.2 |
| 1988 | 80.9 | 81.9 | 85.2 | 82.4 | 87.3 | 85.7 | 82.3 | 88.8 | 89.5 | 87.0 | 86.3 | 85.5 | 85.2 |
| 1989 | 89.9 | 88.8 | 87.6 | 83.2 | 80.1 | 82.0 | 85.5 | 80.3 | 88.6 | 87.2 | 84.3 | 85.5 | 85.2 |

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NSA Not seasonally adjusted

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 91. Average duration of unemployment in weeks (weeks) | | | | | | | |
| 1948 | 8.9 | 8.4 | 8.7 | 8.5 | 9.1 | 8.8 | 8.6 | 8.8 | 8.5 | 9.5 | 7.8 | 8.1 | 8.6 |
| 1949 | 8.2 | 8.3 | 8.3 | 8.8 | 9.1 | 10.0 | 10.8 | 11.0 | 11.7 | 10.9 | 11.6 | 11.8 | 10.0 |
| 1950 | 11.3 | 11.8 | 12.4 | 12.6 | 12.7 | 13.1 | 12.5 | 12.2 | 12.2 | 12.3 | 10.7 | 10.7 | 12.1 |
| 1951 | 10.6 | 10.8 | 10.1 | 10.6 | 9.9 | 8.7 | 9.2 | 9.1 | 9.1 | 8.9 | 9.7 | 9.3 | 9.7 |
| 1952 | 9.3 | 8.8 | 8.4 | 9.0 | 7.8 | 7.3 | 7.5 | 7.6 | 8.1 | 9.1 | 9.5 | 8.8 | 8.4 |
| 1953 | 9.3 | 8.4 | 8.5 | 7.8 | 7.9 | 8.2 | 7.9 | 8.0 | 7.1 | 7.2 | 7.9 | 8.0 | 8.0 |
| 1954 | 8.7 | 9.5 | 10.6 | 10.9 | 11.6 | 12.3 | 12.5 | 12.8 | 12.9 | 13.3 | 13.2 | 13.4 | 11.8 |
| 1955 | 13.4 | 14.2 | 13.4 | 14.3 | 14.4 | 13.4 | 13.8 | 12.3 | 11.7 | 11.5 | 11.3 | 12.0 | 13.0 |
| 1956 | 11.7 | 12.5 | 11.6 | 11.0 | 10.4 | 10.1 | 10.5 | 12.0 | 11.8 | 11.6 | 10.9 | 11.4 | 11.3 |
| 1957 | 10.4 | 10.7 | 10.8 | 10.6 | 10.4 | 10.2 | 10.1 | 10.5 | 9.8 | 11.1 | 10.4 | 10.4 | 10.5 |
| 1958 | 10.5 | 11.0 | 11.2 | 12.1 | 13.1 | 14.4 | 14.6 | 15.7 | 16.5 | 16.5 | 16.4 | 15.7 | 13.9 |
| 1959 | 16.3 | 15.5 | 15.3 | 14.9 | 14.7 | 14.9 | 14.3 | 13.7 | 13.7 | 12.9 | 13.1 | 13.1 | 14.4 |
| 1960 | 13.5 | 13.1 | 13.0 | 12.6 | 11.9 | 11.9 | 12.6 | 12.2 | 12.9 | 13.5 | 13.9 | 12.4 | 12.8 |
| 1961 | 13.7 | 13.6 | 14.1 | 15.5 | 15.6 | 16.2 | 17.3 | 17.0 | 16.1 | 15.9 | 17.0 | 15.8 | 15.6 |
| 1962 | 15.3 | 16.0 | 15.0 | 14.9 | 15.5 | 15.1 | 14.6 | 14.5 | 14.1 | 14.1 | 13.3 | 13.6 | 14.7 |
| 1963 | 13.8 | 14.1 | 14.5 | 14.5 | 14.5 | 14.0 | 14.0 | 13.9 | 14.2 | 13.9 | 13.3 | 13.3 | 14.0 |
| 1964 | 13.5 | 13.2 | 13.5 | 12.4 | 13.6 | 13.6 | 14.7 | 13.0 | 12.7 | 12.6 | 14.0 | 12.7 | 13.3 |
| 1965 | 12.2 | 12.6 | 12.0 | 11.4 | 11.1 | 11.6 | 11.6 | 11.9 | 11.9 | 12.1 | 11.7 | 11.4 | 11.8 |
| 1966 | 11.9 | 11.2 | 11.1 | 10.8 | 10.2 | 9.7 | 9.7 | 9.8 | 10.1 | 10.3 | 9.7 | 9.5 | 10.4 |
| 1967 | 9.3 | 9.2 | 8.9 | 8.8 | 8.7 | 8.3 | 8.3 | 8.9 | 8.4 | 8.7 | 8.9 | 8.6 | 8.7 |
| 1968 | 9.4 | 8.7 | 8.5 | 8.7 | 8.2 | 7.9 | 8.4 | 8.3 | 8.2 | 8.4 | 8.1 | 8.2 | 8.4 |
| 1969 | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 7.7 | 7.8 | 7.9 | 8.0 | 7.6 | 8.0 | 8.0 | 7.8 |
| 1970 | 7.9 | 8.0 | 8.3 | 8.2 | 8.6 | 8.6 | 8.9 | 8.8 | 8.9 | 8.7 | 9.3 | 9.8 | 8.6 |
| 1971 | 10.5 | 10.4 | 10.6 | 10.9 | 11.2 | 11.6 | 11.5 | 11.5 | 11.9 | 12.6 | 12.0 | 11.5 | 11.3 |
| 1972 | 12.1 | 12.4 | 12.3 | 12.4 | 12.3 | 12.4 | 11.8 | 11.8 | 12.1 | 11.7 | 11.4 | 11.4 | 12.0 |
| 1973 | 11.0 | 10.5 | 10.6 | 10.0 | 10.1 | 9.6 | 9.6 | 9.8 | 9.4 | 10.2 | 9.9 | 9.5 | 10.0 |
| 1974 | 9.5 | 9.6 | 9.7 | 9.8 | 9.6 | 9.7 | 9.9 | 9.8 | 9.6 | 9.9 | 9.6 | 10.1 | 9.8 |
| 1975 | 10.7 | 11.7 | 11.8 | 12.9 | 13.4 | 15.3 | 15.0 | 15.6 | 16.1 | 15.4 | 16.6 | 16.5 | 14.2 |
| 1976 | 16.6 | 16.3 | 16.5 | 15.9 | 15.0 | 16.9 | 15.7 | 15.6 | 15.2 | 15.2 | 15.3 | 15.1 | 15.8 |
| 1977 | 15.2 | 14.7 | 14.5 | 14.4 | 14.9 | 14.4 | 14.3 | 13.9 | 14.0 | 13.7 | 13.6 | 13.6 | 14.3 |
| 1978 | 12.9 | 12.5 | 12.4 | 12.3 | 12.1 | 12.1 | 12.0 | 11.4 | 11.4 | 11.7 | 11.1 | 10.6 | 11.9 |
| 1979 | 11.1 | 11.2 | 11.7 | 11.0 | 11.1 | 10.4 | 10.3 | 10.6 | 10.5 | 10.5 | 10.6 | 10.8 | 10.8 |
| 1980 | 10.4 | 10.6 | 11.0 | 11.4 | 10.9 | 11.3 | 11.8 | 12.4 | 12.9 | 13.1 | 13.6 | 13.7 | 11.9 |
| 1981 | 14.3 | 14.1 | 14.0 | 13.9 | 13.6 | 13.7 | 13.8 | 14.4 | 13.6 | 13.5 | 13.1 | 13.1 | 13.7 |
| 1982 | 13.4 | 14.1 | 14.1 | 14.5 | 14.9 | 15.7 | 15.4 | 16.2 | 16.6 | 17.2 | 17.1 | 18.1 | 15.6 |
| 1983 | 19.4 | 19.2 | 19.4 | 19.5 | 20.5 | 20.8 | 21.2 | 20.0 | 20.2 | 20.2 | 19.7 | 19.2 | 20.0 |
| 1984 | 20.4 | 19.0 | 19.1 | 18.9 | 18.8 | 18.1 | 18.0 | 17.3 | 17.0 | 16.7 | 17.0 | 16.8 | 18.2 |
| 1985 | 15.9 | 15.9 | 16.1 | 16.4 | 15.3 | 15.5 | 15.5 | 15.3 | 15.3 | 15.3 | 15.7 | 15.1 | 15.6 |
| 1986 | 14.9 | 15.2 | 14.6 | 14.7 | 14.7 | 15.2 | 15.2 | 15.5 | 15.4 | 15.1 | 15.0 | 15.0 | 15.0 |
| 1987 | 14.9 | 14.7 | 14.9 | 14.9 | 14.9 | 15.0 | 14.2 | 14.4 | 14.2 | 14.0 | 14.0 | 14.2 | 14.5 |
| 1988 | 14.2 | 14.3 | 13.7 | 13.4 | 13.8 | 13.3 | 13.5 | 13.6 | 13.5 | 13.3 | 12.5 | 12.8 | 13.5 |
| 1989 | 12.6 | 12.3 | 12.4 | 12.6 | 11.9 | 11.2 | 11.9 | 11.4 | 11.5 | 11.7 | 11.6 | 11.5 | 11.9 |
| | | | | | | 92a. Manufacturers' unfilled orders in 1982 dollars, durable goods industries (bil. $) | | | | | | | |
| 1948 | 129,601 | 127,653 | 125,846 | 124,776 | 122,705 | 124,317 | 125,355 | 124,654 | 121,915 | 116,539 | 113,554 | 109,543 | 109,543 |
| 1949 | 105,029 | 101,541 | 97,615 | 92,295 | 87,775 | 83,045 | 79,740 | 78,382 | 77,475 | 79,205 | 81,345 | 82,793 | 82,793 |
| 1950 | 85,249 | 86,403 | 88,113 | 89,657 | 91,062 | 93,892 | 102,716 | 117,370 | 125,230 | 131,582 | 134,429 | 137,345 | 137,345 |
| 1951 | 156,483 | 166,891 | 178,845 | 190,346 | 198,524 | 207,281 | 215,482 | 219,007 | 221,938 | 228,434 | 231,415 | 232,212 | 232,212 |
| 1952 | 234,385 | 234,363 | 241,586 | 249,568 | 249,420 | 259,358 | 265,934 | 268,314 | 270,422 | 267,402 | 266,025 | 265,255 | 265,255 |
| 1953 | 271,558 | 273,117 | 269,185 | 266,351 | 265,065 | 262,209 | 253,427 | 242,752 | 228,757 | 220,608 | 214,819 | 207,933 | 207,933 |
| 1954 | 199,227 | 193,238 | 184,387 | 177,915 | 171,553 | 165,039 | 160,841 | 156,778 | 157,813 | 162,426 | 159,553 | 159,331 | 159,331 |
| 1955 | 161,505 | 163,115 | 167,273 | 167,934 | 169,143 | 169,879 | 172,093 | 173,759 | 175,997 | 179,764 | 181,829 | 186,847 | 186,847 |
| 1956 | 190,563 | 190,696 | 191,405 | 194,147 | 194,659 | 194,255 | 198,389 | 203,862 | 204,875 | 202,420 | 201,290 | 200,251 | 200,251 |
| 1957 | 198,831 | 198,781 | 195,464 | 192,171 | 189,601 | 185,728 | 179,830 | 174,583 | 169,702 | 163,319 | 158,871 | 154,454 | 154,454 |
| 1958 | 140,398 | 136,549 | 135,006 | 132,427 | 131,393 | 132,058 | 132,494 | 132,479 | 131,698 | 131,611 | 133,561 | 132,900 | 132,900 |
| 1959 | 134,708 | 138,646 | 141,315 | 142,440 | 141,254 | 141,546 | 141,033 | 140,944 | 144,398 | 146,813 | 146,745 | 145,047 | 145,047 |
| 1960 | 140,466 | 137,908 | 133,822 | 130,651 | 128,846 | 128,071 | 127,172 | 128,513 | 129,836 | 127,354 | 126,931 | 125,660 | 125,660 |
| 1961 | 125,033 | 125,545 | 124,629 | 125,171 | 125,641 | 125,904 | 126,752 | 128,045 | 128,868 | 128,603 | 129,582 | 131,674 | 131,674 |
| 1962 | 132,886 | 134,757 | 133,329 | 130,991 | 129,811 | 129,329 | 129,431 | 128,171 | 129,817 | 131,240 | 131,632 | 136,257 | 136,257 |
| 1963 | 139,045 | 142,162 | 146,682 | 148,498 | 151,027 | 150,601 | 150,616 | 150,491 | 151,809 | 151,991 | 152,606 | 151,661 | 151,661 |
| 1964 | 154,842 | 156,964 | 159,286 | 161,332 | 164,697 | 167,778 | 172,476 | 174,269 | 177,678 | 181,192 | 183,268 | 185,732 | 185,732 |
| 1965 | 188,668 | 192,132 | 194,618 | 196,657 | 199,249 | 201,938 | 203,649 | 205,839 | 209,370 | 213,198 | 217,070 | 221,297 | 221,297 |
| 1966 | 225,930 | 231,279 | 237,643 | 242,739 | 246,390 | 251,138 | 254,783 | 257,871 | 263,932 | 265,259 | 266,605 | 267,489 | 267,489 |
| 1967 | 266,561 | 266,590 | 265,373 | 265,831 | 268,819 | 273,263 | 274,268 | 274,508 | 274,608 | 276,651 | 277,150 | 279,378 | 279,378 |
| 1968 | 277,834 | 277,780 | 281,398 | 281,501 | 279,784 | 278,651 | 274,668 | 275,932 | 278,386 | 281,679 | 282,113 | 283,289 | 283,289 |
| 1969 | 283,005 | 283,260 | 284,484 | 289,092 | 290,398 | 290,340 | 289,467 | 288,817 | 290,099 | 289,062 | 287,618 | 285,990 | 285,990 |
| 1970 | 282,425 | 278,265 | 275,289 | 272,063 | 268,439 | 265,705 | 261,857 | 257,090 | 255,399 | 251,485 | 250,397 | 249,548 | 249,548 |
| 1971 | 252,437 | 254,595 | 253,922 | 251,337 | 247,039 | 242,517 | 239,524 | 239,411 | 239,400 | 238,461 | 240,156 | 241,416 | 241,416 |
| 1972 | 241,712 | 242,150 | 242,593 | 241,723 | 244,149 | 245,886 | 247,346 | 248,479 | 253,425 | 255,624 | 257,890 | 263,736 | 263,736 |
| 1973 | 268,879 | 274,733 | 283,467 | 289,382 | 293,107 | 296,604 | 298,600 | 304,149 | 310,288 | 317,250 | 323,837 | 328,642 | 328,642 |
| 1974 | 334,273 | 337,958 | 339,010 | 342,857 | 346,576 | 346,970 | 345,166 | 348,083 | 345,299 | 336,891 | 330,791 | 322,619 | 322,619 |
| 1975 | 315,481 | 309,261 | 301,291 | 295,027 | 291,145 | 286,855 | 286,434 | 284,506 | 282,593 | 279,503 | 277,418 | 273,565 | 273,565 |
| 1976 | 269,356 | 266,890 | 268,021 | 268,250 | 267,911 | 268,029 | 269,923 | 267,048 | 267,358 | 268,661 | 267,743 | 268,757 | 268,757 |
| 1977 | 268,887 | 266,863 | 266,916 | 268,740 | 268,834 | 271,874 | 272,943 | 275,175 | 276,709 | 279,618 | 280,788 | 285,238 | 285,238 |
| 1978 | 285,347 | 287,585 | 292,759 | 295,966 | 301,013 | 304,953 | 308,080 | 311,534 | 318,114 | 324,993 | 332,298 | 335,367 | 335,367 |
| 1979 | 337,108 | 344,138 | 350,057 | 352,884 | 352,917 | 355,173 | 354,787 | 353,602 | 355,440 | 356,436 | 354,525 | 352,844 | 352,844 |
| 1980 | 354,926 | 355,582 | 349,880 | 346,079 | 342,200 | 340,802 | 344,417 | 342,639 | 344,302 | 345,505 | 344,953 | 345,301 | 345,301 |
| 1981 | 344,262 | 341,068 | 340,662 | 340,899 | 340,838 | 338,297 | 337,867 | 335,032 | 333,818 | 329,751 | 326,462 | 321,640 | 321,640 |
| 1982 | 327,929 | 325,463 | 324,987 | 324,237 | 319,222 | 314,502 | 310,605 | 304,984 | 302,295 | 301,588 | 298,773 | 301,079 | 301,079 |
| 1983 | 303,336 | 301,066 | 301,458 | 301,536 | 302,685 | 305,739 | 307,161 | 308,084 | 311,208 | 318,047 | 322,908 | 324,653 | 324,653 |
| 1984 | 327,191 | 331,418 | 339,732 | 340,356 | 342,587 | 341,082 | 344,039 | 343,712 | 343,460 | 340,691 | 341,991 | 341,159 | 341,159 |
| 1985 | 343,440 | 343,346 | 341,550 | 339,868 | 339,225 | 342,222 | 342,160 | 342,831 | 345,339 | 345,693 | 343,305 | 344,646 | 344,646 |
| 1986 | 346,447 | 347,756 | 351,718 | 349,737 | 347,564 | 344,466 | 344,020 | 341,631 | 342,873 | 342,147 | 343,388 | 342,923 | 342,923 |
| 1987 | 339,264 | 338,097 | 338,882 | 343,083 | 346,974 | 350,552 | 355,452 | 357,492 | 357,374 | 359,451 | 361,151 | 361,987 | 361,987 |
| 1988 | 364,562 | 367,136 | 365,128 | 368,321 | 367,888 | 374,480 | 375,795 | 378,815 | 378,618 | 381,094 | 382,185 | 388,101 | 388,101 |
| 1989 | 390,655 | 391,711 | 394,266 | 398,072 | 397,872 | 400,440 | 403,249 | 400,552 | 401,595 | 402,621 | 406,439 | 413,899 | 413,899 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92b. Change in manufacturers' unfilled orders in 1982 dollars, durable goods industries (bil. $)** | | | | | | | | | | | | | |
| 1948 | -2.10 | -1.95 | -1.81 | -1.07 | -2.07 | 1.61 | 1.04 | -0.70 | -2.74 | -5.38 | -2.99 | -4.01 | -1.85 |
| 1949 | -4.51 | -3.49 | -3.93 | -5.32 | -4.52 | -4.73 | -3.31 | -1.36 | -.91 | 1.73 | 2.14 | 1.45 | -2.23 |
| 1950 | 2.46 | 1.15 | 1.71 | 1.54 | 1.41 | 2.83 | 8.82 | 14.65 | 7.86 | 6.35 | 2.85 | 2.92 | 4.55 |
| 1951 | 19.14 | 10.41 | 11.95 | 11.50 | 8.18 | 8.76 | 8.20 | 3.53 | 2.93 | 6.50 | 2.98 | .80 | 7.91 |
| 1952 | 2.17 | -.02 | 7.22 | 7.98 | -.15 | 9.94 | 6.58 | 2.38 | 2.11 | -3.02 | -1.38 | -.77 | 2.75 |
| 1953 | 6.30 | 1.56 | -3.93 | -2.83 | -1.29 | -2.86 | -8.78 | -10.67 | -13.99 | -8.15 | -5.79 | -6.89 | -4.78 |
| 1954 | -8.71 | -5.99 | -8.85 | -6.47 | -6.36 | -6.51 | -4.20 | -4.06 | 1.04 | 4.61 | -2.87 | -.22 | -4.05 |
| 1955 | 2.17 | 1.61 | 4.16 | .66 | 1.21 | .74 | 2.21 | 1.67 | 2.24 | 3.77 | 2.07 | 5.02 | 2.29 |
| 1956 | 3.72 | .13 | .71 | 2.74 | .51 | -.40 | 4.13 | 5.47 | 1.01 | -2.45 | -1.13 | -1.04 | 1.12 |
| 1957 | -1.42 | -.05 | -3.32 | -3.29 | -2.57 | -3.87 | -5.90 | -5.25 | -4.88 | -6.38 | -4.45 | -4.42 | -3.82 |
| 1958 | -14.06 | -3.85 | -1.54 | -2.58 | -1.03 | .66 | .44 | -.02 | -.78 | -.09 | 1.95 | -.66 | -1.80 |
| 1959 | 1.81 | 3.94 | 2.67 | 1.12 | -1.19 | .29 | -.51 | -.09 | 3.45 | 2.42 | -.07 | -1.70 | 1.01 |
| 1960 | -4.58 | -2.56 | -4.09 | -3.17 | -1.80 | -.78 | -.90 | 1.34 | 1.32 | -2.48 | -.42 | -1.27 | -1.62 |
| 1961 | -.63 | .51 | -.92 | .54 | .47 | .26 | .85 | 1.29 | .82 | -.27 | .98 | 2.09 | .50 |
| 1962 | 1.21 | 1.87 | -1.43 | -2.34 | -1.18 | -.48 | .10 | -1.26 | 1.65 | 1.42 | .39 | 4.63 | .38 |
| 1963 | 2.79 | 3.12 | 4.52 | 1.82 | 2.53 | -.43 | .02 | -.12 | 1.32 | .18 | .61 | -.95 | 1.28 |
| 1964 | 3.18 | 2.12 | 2.32 | 2.05 | 3.36 | 3.08 | 4.70 | 1.79 | 3.41 | 3.51 | 2.08 | 2.46 | 2.84 |
| 1965 | 2.94 | 3.46 | 2.49 | 2.04 | 2.59 | 2.69 | 1.71 | 2.19 | 3.53 | 3.83 | 3.87 | 4.23 | 2.96 |
| 1966 | 4.63 | 5.35 | 6.36 | 5.10 | 3.65 | 4.75 | 3.64 | 3.09 | 6.06 | 1.33 | 1.35 | .88 | 3.85 |
| 1967 | -.93 | .03 | -1.22 | .46 | 2.99 | 4.44 | 1.00 | .24 | .10 | 2.04 | .50 | 2.23 | .99 |
| 1968 | -1.54 | -.05 | 3.62 | .10 | -1.72 | -1.13 | -3.98 | 1.26 | 2.45 | 3.29 | .43 | 1.18 | .33 |
| 1969 | -.28 | .25 | 1.22 | 4.61 | 1.31 | -.06 | -.87 | -.65 | 1.28 | -1.04 | -1.44 | -1.63 | .22 |
| 1970 | -3.57 | -4.16 | -2.98 | -3.23 | -3.62 | -2.73 | -3.85 | -4.77 | -1.69 | -3.91 | -1.09 | -.85 | -3.04 |
| 1971 | 2.89 | 2.16 | -.67 | -2.58 | -4.30 | -4.52 | -2.99 | -.11 | -.01 | -.94 | 1.70 | 1.26 | -.68 |
| 1972 | .30 | .44 | .44 | -.87 | 2.43 | 1.74 | 1.46 | 1.13 | 4.95 | 2.20 | 2.27 | 5.85 | 1.86 |
| 1973 | 5.14 | 5.85 | 8.73 | 5.92 | 3.72 | 3.50 | 2.00 | 5.55 | 6.14 | 6.96 | 6.59 | 4.81 | 5.41 |
| 1974 | 5.63 | 3.69 | 1.05 | 3.85 | 3.72 | .39 | -1.80 | 2.92 | -2.78 | -8.41 | -6.10 | -8.17 | -.50 |
| 1975 | -7.14 | -6.22 | -7.97 | -6.26 | -3.88 | -4.29 | -.42 | -1.93 | -1.91 | -3.09 | -2.08 | -3.85 | -4.09 |
| 1976 | -4.21 | -2.47 | 1.13 | .23 | -.34 | .12 | 1.89 | -2.87 | .31 | 1.30 | -.92 | 1.01 | -.40 |
| 1977 | .13 | -2.02 | .05 | 1.82 | .09 | 3.04 | 1.07 | 2.23 | 1.53 | 2.91 | 1.17 | 4.45 | 1.37 |
| 1978 | .11 | 2.24 | 5.17 | 3.21 | 5.05 | 3.94 | 3.13 | 3.45 | 6.58 | 6.88 | 7.30 | 3.07 | 4.18 |
| 1979 | 1.74 | 7.03 | 5.92 | 2.83 | .03 | 2.26 | -.39 | -1.19 | 1.84 | 1.00 | -1.91 | -1.68 | 1.46 |
| 1980 | 2.08 | .66 | -5.70 | -3.80 | -3.88 | -1.40 | 3.61 | -1.78 | 1.66 | 1.20 | -.55 | .35 | -.63 |
| 1981 | -1.04 | -3.19 | -.41 | .24 | -.06 | -2.54 | -.43 | -2.84 | -1.21 | -4.07 | -3.29 | -4.82 | -1.97 |
| 1982 | 6.29 | -2.47 | -.48 | -.75 | -5.02 | -4.72 | -3.90 | -5.62 | -2.69 | -.71 | -2.81 | 2.31 | -1.71 |
| 1983 | 2.26 | -2.27 | .39 | .08 | 1.15 | 3.05 | 1.42 | .92 | 3.12 | 6.84 | 4.86 | 1.75 | 1.96 |
| 1984 | 2.54 | 4.23 | 8.31 | .62 | 2.23 | -1.50 | 2.96 | -.33 | -.25 | -2.77 | 1.30 | -.83 | 1.38 |
| 1985 | 2.28 | -.09 | -1.80 | -1.68 | -.64 | 3.00 | -.06 | .67 | 2.51 | .35 | -2.39 | 1.34 | .29 |
| 1986 | 1.80 | 1.31 | 3.96 | -1.98 | -2.17 | -3.10 | -.45 | -2.39 | 1.24 | -.73 | 1.24 | -.46 | -.14 |
| 1987 | -3.66 | -1.17 | .78 | 4.20 | 3.89 | 3.58 | 4.90 | 2.04 | -.12 | 2.08 | 1.70 | .84 | 1.59 |
| 1988 | 2.58 | 2.57 | -2.01 | 3.19 | -.43 | 6.59 | 1.32 | 3.02 | -.20 | 2.48 | 1.09 | 5.92 | 2.18 |
| 1989 | 2.55 | 1.06 | 2.56 | 3.81 | -.20 | 2.57 | 2.81 | -2.70 | 1.04 | 1.03 | 3.82 | 7.46 | 2.15 |
| **92. Change in manufacturers' unfilled orders in 1982 dollars, durable goods industries, smoothed (bil. $) †** | | | | | | | | | | | | | |
| 1948 | -1.82 | -1.87 | -1.88 | -1.78 | -1.76 | -1.30 | -.71 | -.37 | -.48 | -1.21 | -1.87 | -2.55 | -1.47 |
| 1949 | -3.21 | -3.63 | -3.92 | -4.28 | -4.52 | -4.69 | -4.60 | -4.12 | -3.40 | -2.29 | -1.05 | .02 | -3.31 |
| 1950 | .97 | 1.55 | 1.91 | 2.08 | 2.08 | 2.18 | 3.14 | 5.24 | 6.83 | 7.69 | 7.55 | 6.84 | 4.00 |
| 1951 | 8.08 | 9.12 | 10.11 | 10.87 | 10.96 | 10.72 | 10.23 | 9.05 | 7.54 | 6.51 | 5.43 | 4.18 | 8.57 |
| 1952 | 3.18 | 2.16 | 2.24 | 3.06 | 3.11 | 4.06 | 4.95 | 5.13 | 4.83 | 3.60 | 2.21 | .99 | 3.29 |
| 1953 | .99 | 1.07 | .44 | -.36 | -.96 | -1.57 | -2.89 | -4.71 | -7.02 | -8.53 | -9.05 | -9.06 | -3.47 |
| 1954 | -9.02 | -8.59 | -8.37 | -7.99 | -7.55 | -7.15 | -6.52 | -5.82 | -4.49 | -2.48 | -1.36 | -.55 | -5.82 |
| 1955 | .29 | .96 | 1.78 | 2.11 | 2.18 | 2.03 | 1.97 | 1.89 | 1.89 | 2.14 | 2.28 | 2.73 | 1.85 |
| 1956 | 3.13 | 2.96 | 2.55 | 2.34 | 1.97 | 1.44 | 1.49 | 2.05 | 2.24 | 1.72 | 1.03 | .35 | 1.94 |
| 1957 | -.28 | -.63 | -1.19 | -1.80 | -2.26 | -2.75 | -3.46 | -4.11 | -4.60 | -5.13 | -5.34 | -5.34 | -3.07 |
| 1958 | -6.52 | -6.85 | -6.33 | -5.52 | -4.44 | -3.12 | -1.87 | -.89 | -.30 | .07 | .54 | .66 | -2.88 |
| 1959 | .88 | 1.42 | 1.91 | 2.08 | 1.75 | 1.36 | .88 | .46 | .62 | .96 | 1.02 | .69 | 1.17 |
| 1960 | -.22 | -1.06 | -1.96 | -2.65 | -2.94 | -2.82 | -2.49 | -1.78 | -.95 | -.67 | -.47 | -.46 | -1.54 |
| 1961 | -.48 | -.36 | -.36 | -.24 | -.08 | .07 | .25 | .50 | .69 | .67 | .70 | .91 | .19 |
| 1962 | 1.07 | 1.27 | 1.02 | .43 | -.14 | -.51 | -.65 | -.81 | -.58 | -.17 | .14 | .93 | .17 |
| 1963 | 1.64 | 2.26 | 2.92 | 3.16 | 3.22 | 2.76 | 2.12 | 1.45 | 1.04 | .68 | .46 | .14 | 1.82 |
| 1964 | .37 | .73 | 1.16 | 1.53 | 1.99 | 2.41 | 2.96 | 3.13 | 3.26 | 3.38 | 3.27 | 3.10 | 2.27 |
| 1965 | 2.97 | 2.97 | 2.90 | 2.74 | 2.63 | 2.58 | 2.43 | 2.31 | 2.40 | 2.65 | 2.96 | 3.31 | 2.74 |
| 1966 | 3.69 | 4.14 | 4.70 | 5.08 | 5.11 | 5.08 | 4.87 | 4.51 | 4.50 | 4.07 | 3.46 | 2.75 | 4.33 |
| 1967 | 1.84 | 1.06 | .30 | -.12 | .05 | .74 | 1.18 | 1.31 | 1.22 | 1.28 | 1.21 | 1.31 | .95 |
| 1968 | .98 | .65 | .86 | .88 | .54 | .12 | -.68 | -.89 | -.56 | .15 | .60 | .95 | .30 |
| 1969 | .98 | .90 | .90 | 1.40 | 1.68 | 1.61 | 1.23 | .76 | .55 | .22 | -.20 | -.64 | .78 |
| 1970 | -1.29 | -2.06 | -2.63 | -3.05 | -3.37 | -3.47 | -3.58 | -3.81 | -3.65 | -3.60 | -3.23 | -2.69 | -3.04 |
| 1971 | -1.63 | -.50 | .14 | .15 | -.44 | -1.34 | -2.08 | -2.26 | -2.05 | -1.79 | -1.16 | -.47 | -1.12 |
| 1972 | .04 | .39 | .60 | .53 | .74 | 1.00 | 1.21 | 1.33 | 1.88 | 2.25 | 2.47 | 3.05 | 1.29 |
| 1973 | 3.67 | 4.33 | 5.30 | 5.96 | 6.04 | 5.75 | 5.07 | 4.74 | 4.74 | 5.03 | 5.41 | 5.56 | 5.13 |
| 1974 | 5.65 | 5.44 | 4.73 | 4.19 | 3.82 | 3.13 | 2.07 | 1.56 | .68 | -1.06 | -2.75 | -4.47 | 1.92 |
| 1975 | -5.84 | -6.69 | -7.36 | -7.61 | -7.25 | -6.64 | -5.45 | -4.28 | -3.27 | -2.66 | -2.22 | -2.19 | -5.12 |
| 1976 | -2.44 | -2.59 | -2.18 | -1.61 | -1.11 | -.65 | -.04 | -.06 | -.03 | .17 | .14 | .24 | -.85 |
| 1977 | .29 | 0 | -.16 | .01 | .12 | .58 | .91 | 1.29 | 1.54 | 1.87 | 1.97 | 2.36 | .90 |
| 1978 | 2.29 | 2.24 | 2.60 | 2.90 | 3.36 | 3.71 | 3.84 | 3.86 | 4.24 | 4.81 | 5.49 | 5.55 | 3.74 |
| 1979 | 5.08 | 5.07 | 5.17 | 4.92 | 4.12 | 3.39 | 2.46 | 1.43 | .88 | .57 | .06 | -.48 | 2.72 |
| 1980 | -.45 | -.28 | -.91 | -1.67 | -2.41 | -2.71 | -2.03 | -1.60 | -.91 | -.23 | .13 | .37 | -1.06 |
| 1981 | .32 | -.18 | -.50 | -.59 | -.57 | -.83 | -.92 | -1.24 | -1.42 | -1.88 | -2.34 | -2.94 | -1.09 |
| 1982 | -2.05 | -1.59 | -1.17 | -.87 | -1.25 | -1.94 | -2.60 | -3.40 | -3.77 | -3.58 | -3.36 | -2.47 | -2.34 |
| 1983 | -1.31 | -.77 | -.29 | .04 | .38 | .94 | 1.33 | 1.51 | 1.83 | 2.69 | 3.48 | 3.72 | 1.13 |
| 1984 | 3.69 | 3.75 | 4.40 | 4.27 | 3.92 | 2.99 | 2.44 | 1.74 | 1.07 | .16 | -.22 | -.53 | 2.31 |
| 1985 | -.33 | -.18 | -.31 | -.57 | -.73 | -.33 | -.05 | .21 | .67 | .89 | .59 | .51 | .03 |
| 1986 | .63 | .80 | 1.32 | 1.18 | .65 | -.16 | -.68 | -1.21 | -1.19 | -1.12 | -.76 | -.51 | -.09 |
| 1987 | -.79 | -1.00 | -.89 | -.13 | .85 | 1.79 | 2.76 | 3.23 | 3.06 | 2.82 | 2.54 | 2.14 | 1.36 |
| 1988 | 1.97 | 1.95 | 1.40 | 1.32 | 1.04 | 1.62 | 1.92 | 2.25 | 2.11 | 2.07 | 1.92 | 2.37 | 1.83 |
| 1989 | 2.66 | 2.61 | 2.58 | 2.72 | 2.42 | 2.26 | 2.24 | 1.56 | 1.10 | .82 | 1.05 | 2.06 | 2.01 |

† Data are smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 95. Ratio, consumer installment credit outstanding to personal income (percent) | | | | | | | |
| 1948 | 3.56 | 3.65 | 3.77 | 3.89 | 3.96 | 3.97 | 4.06 | 4.11 | 4.21 | 4.22 | 4.29 | 4.40 | 4.01 |
| 1949 | 4.51 | 4.60 | 4.65 | 4.77 | 4.90 | 5.07 | 5.20 | 5.27 | 5.31 | 5.56 | 5.64 | 5.73 | 5.10 |
| 1950 | 5.63 | 5.69 | 5.68 | 5.90 | 6.03 | 6.20 | 6.31 | 6.34 | 6.45 | 6.42 | 6.35 | 6.22 | 6.10 |
| 1951 | 6.28 | 6.26 | 6.20 | 6.09 | 6.03 | 5.98 | 5.93 | 5.90 | 5.94 | 5.91 | 5.94 | 5.98 | 6.04 |
| 1952 | 6.05 | 6.01 | 6.04 | 6.11 | 6.25 | 6.45 | 6.62 | 6.55 | 6.62 | 6.80 | 6.96 | 7.09 | 6.46 |
| 1953 | 7.22 | 7.32 | 7.45 | 7.57 | 7.67 | 7.73 | 7.86 | 7.96 | 8.03 | 8.05 | 8.16 | 8.20 | 7.77 |
| 1954 | 8.19 | 8.17 | 8.17 | 8.20 | 8.17 | 8.18 | 8.19 | 8.16 | 8.14 | 8.13 | 8.10 | 8.16 | 8.16 |
| 1955 | 8.22 | 8.30 | 8.42 | 8.50 | 8.60 | 8.75 | 8.75 | 8.91 | 9.01 | 9.05 | 9.08 | 9.13 | 8.73 |
| 1956 | 9.20 | 9.24 | 9.32 | 9.31 | 9.37 | 9.36 | 9.42 | 9.37 | 9.34 | 9.31 | 9.39 | 9.39 | 9.34 |
| 1957 | 9.43 | 9.41 | 9.43 | 9.45 | 9.48 | 9.46 | 9.49 | 9.50 | 9.58 | 9.63 | 9.66 | 9.72 | 9.52 |
| 1958 | 9.72 | 9.70 | 9.60 | 9.59 | 9.53 | 9.45 | 9.28 | 9.27 | 9.24 | 9.20 | 9.13 | 9.17 | 9.41 |
| 1959 | 9.26 | 9.30 | 9.32 | 9.36 | 9.42 | 9.49 | 9.62 | 9.85 | 9.98 | 10.11 | 10.10 | 10.04 | 9.65 |
| 1960 | 10.11 | 10.20 | 10.34 | 10.37 | 10.41 | 10.49 | 10.54 | 10.59 | 10.64 | 10.64 | 10.71 | 10.80 | 10.49 |
| 1961 | 10.77 | 10.73 | 10.66 | 10.59 | 10.50 | 10.40 | 10.36 | 10.38 | 10.40 | 10.35 | 10.31 | 10.32 | 10.48 |
| 1962 | 10.35 | 10.37 | 10.32 | 10.37 | 10.45 | 10.51 | 10.57 | 10.63 | 10.67 | 10.74 | 10.80 | 10.86 | 10.55 |
| 1963 | 10.88 | 11.06 | 11.09 | 11.18 | 11.23 | 11.26 | 11.37 | 11.44 | 11.49 | 11.55 | 11.62 | 11.62 | 11.32 |
| 1964 | 11.70 | 11.68 | 11.85 | 11.87 | 11.93 | 11.99 | 12.05 | 12.07 | 12.15 | 12.25 | 12.24 | 12.23 | 12.00 |
| 1965 | 12.27 | 12.43 | 12.46 | 12.54 | 12.57 | 12.58 | 12.64 | 12.72 | 12.50 | 12.65 | 12.64 | 12.64 | 12.55 |
| 1966 | 12.70 | 12.70 | 12.69 | 12.69 | 12.69 | 12.65 | 12.67 | 12.62 | 12.57 | 12.55 | 12.53 | 12.58 | 12.64 |
| 1967 | 12.51 | 12.56 | 12.48 | 12.46 | 12.41 | 12.37 | 12.31 | 12.28 | 12.31 | 12.30 | 12.28 | 12.25 | 12.38 |
| 1968 | 12.17 | 12.05 | 12.12 | 12.12 | 12.10 | 12.11 | 12.11 | 12.10 | 12.10 | 12.14 | 12.17 | 12.22 | 12.13 |
| 1969 | 12.30 | 12.41 | 12.36 | 12.38 | 12.40 | 12.41 | 12.39 | 12.36 | 12.39 | 12.39 | 12.42 | 12.38 | 12.38 |
| 1970 | 12.43 | 12.43 | 12.37 | 12.08 | 12.16 | 12.23 | 12.23 | 12.23 | 12.22 | 12.23 | 12.19 | 12.17 | 12.25 |
| 1971 | 12.38 | 12.40 | 12.37 | 12.35 | 12.33 | 12.13 | 12.36 | 12.38 | 12.46 | 12.52 | 12.55 | 12.56 | 12.40 |
| 1972 | 12.48 | 12.33 | 12.48 | 12.54 | 12.60 | 12.84 | 12.74 | 12.73 | 12.75 | 12.61 | 12.55 | 12.59 | 12.60 |
| 1973 | 12.89 | 12.96 | 13.00 | 13.08 | 13.11 | 13.14 | 13.26 | 13.21 | 13.24 | 13.21 | 13.16 | 13.15 | 13.12 |
| 1974 | 13.20 | 13.27 | 13.27 | 13.27 | 13.23 | 13.22 | 13.14 | 13.14 | 13.11 | 13.00 | 13.01 | 12.94 | 13.15 |
| 1975 | 12.75 | 12.78 | 12.68 | 12.58 | 12.45 | 12.14 | 12.28 | 12.17 | 12.13 | 12.09 | 12.09 | 12.12 | 12.36 |
| 1976 | 12.07 | 12.05 | 12.12 | 12.16 | 12.17 | 12.22 | 12.22 | 12.22 | 12.28 | 12.32 | 12.27 | 12.36 | 12.20 |
| 1977 | 12.48 | 12.48 | 12.57 | 12.67 | 12.73 | 12.81 | 12.81 | 12.87 | 12.92 | 12.97 | 13.04 | 13.13 | 12.79 |
| 1978 | 13.19 | 13.20 | 13.21 | 13.18 | 13.28 | 13.41 | 13.45 | 13.53 | 13.56 | 13.52 | 13.59 | 13.63 | 13.40 |
| 1979 | 13.70 | 13.73 | 13.73 | 13.87 | 13.93 | 13.96 | 13.85 | 13.88 | 13.93 | 13.94 | 13.94 | 13.87 | 13.86 |
| 1980 | 13.89 | 13.82 | 13.81 | 13.71 | 13.56 | 13.37 | 13.12 | 12.99 | 12.82 | 12.65 | 12.50 | 12.41 | 13.22 |
| 1981 | 12.32 | 12.19 | 12.23 | 12.22 | 12.25 | 12.20 | 12.04 | 11.91 | 11.98 | 12.01 | 11.99 | 12.01 | 12.11 |
| 1982 | 12.06 | 11.93 | 11.97 | 11.93 | 11.90 | 11.92 | 11.87 | 11.88 | 11.90 | 11.82 | 11.79 | 11.86 | 11.90 |
| 1983 | 11.88 | 11.84 | 11.96 | 11.92 | 11.85 | 11.96 | 12.08 | 12.25 | 12.25 | 12.25 | 12.31 | 12.41 | 12.08 |
| 1984 | 12.42 | 12.50 | 12.65 | 12.79 | 13.07 | 13.23 | 13.27 | 13.39 | 13.42 | 13.60 | 13.68 | 13.76 | 13.15 |
| 1985 | 13.83 | 13.84 | 14.10 | 14.22 | 14.44 | 14.50 | 14.65 | 14.75 | 14.95 | 15.01 | 15.14 | 15.08 | 14.54 |
| 1986 | 15.25 | 15.25 | 15.36 | 15.37 | 15.52 | 15.58 | 15.70 | 15.75 | 15.86 | 15.98 | 15.96 | 15.80 | 15.62 |
| 1987 | 15.68 | 15.47 | 15.55 | 15.60 | 15.59 | 15.70 | 15.76 | 15.72 | 15.79 | 15.58 | 15.68 | 15.53 | 15.64 |
| 1988 | 15.75 | 15.64 | 15.68 | 15.68 | 15.70 | 15.71 | 15.65 | 15.75 | 15.74 | 15.60 | 15.84 | 15.82 | 15.71 |
| 1989 | 16.02 | 15.86 | 15.85 | 15.86 | 15.97 | 15.95 | 15.92 | 15.99 | 16.00 | 15.99 | 15.97 | 15.94 | 15.94 |
| | | | | | | 99a. Index of sensitive materials prices (1982=100) | | | | | | | |
| 1948 | 40.01 | 40.34 | 39.91 | 40.19 | 40.71 | 41.07 | 40.88 | 40.52 | 39.95 | 39.68 | 39.73 | 39.49 | 40.21 |
| 1949 | 39.03 | 38.25 | 37.59 | 36.00 | 35.47 | 34.76 | 34.81 | 35.30 | 35.70 | 34.98 | 35.33 | 35.47 | 36.06 |
| 1950 | 35.55 | 35.56 | 36.01 | 36.44 | 37.54 | 38.62 | 41.06 | 44.15 | 46.72 | 48.02 | 49.57 | 50.88 | 41.68 |
| 1951 | 53.40 | 54.27 | 54.20 | 53.42 | 53.00 | 51.62 | 48.52 | 46.12 | 44.70 | 45.21 | 44.46 | 44.07 | 49.42 |
| 1952 | 43.50 | 42.58 | 41.44 | 41.17 | 40.85 | 40.10 | 39.88 | 40.21 | 40.54 | 40.07 | 39.58 | 39.90 | 40.82 |
| 1953 | 39.39 | 39.19 | 39.55 | 39.26 | 39.53 | 39.38 | 39.12 | 38.93 | 38.63 | 38.32 | 38.08 | 37.88 | 38.94 |
| 1954 | 37.56 | 37.56 | 37.95 | 38.48 | 38.56 | 38.85 | 39.04 | 38.81 | 39.02 | 39.31 | 39.22 | 39.16 | 38.63 |
| 1955 | 39.61 | 39.94 | 39.84 | 40.14 | 40.30 | 40.56 | 41.28 | 41.24 | 41.29 | 41.16 | 41.46 | 42.04 | 40.74 |
| 1956 | 42.00 | 41.97 | 42.03 | 41.85 | 41.54 | 41.04 | 40.97 | 41.14 | 41.23 | 41.31 | 41.57 | 41.80 | 41.54 |
| 1957 | 41.51 | 41.00 | 41.00 | 40.82 | 40.56 | 40.24 | 40.10 | 40.02 | 39.71 | 39.22 | 38.84 | 38.61 | 40.14 |
| 1958 | 38.35 | 38.32 | 37.95 | 37.50 | 37.59 | 37.69 | 38.24 | 38.49 | 38.74 | 39.48 | 39.79 | 39.37 | 38.46 |
| 1959 | 39.49 | 39.42 | 39.84 | 40.25 | 40.64 | 40.69 | 40.68 | 40.83 | 41.03 | 41.30 | 41.42 | 41.54 | 40.59 |
| 1960 | 41.58 | 41.25 | 41.09 | 41.21 | 41.20 | 40.89 | 40.66 | 40.63 | 40.49 | 40.19 | 40.03 | 39.61 | 40.74 |
| 1961 | 39.42 | 39.89 | 39.97 | 40.05 | 40.24 | 39.84 | 40.12 | 40.27 | 40.23 | 40.49 | 39.82 | 40.28 | 40.05 |
| 1962 | 40.48 | 40.30 | 40.37 | 40.00 | 40.15 | 39.83 | 39.68 | 39.57 | 39.57 | 39.66 | 39.80 | 39.59 | 39.92 |
| 1963 | 39.61 | 39.62 | 39.64 | 39.50 | 39.56 | 39.71 | 40.04 | 40.08 | 39.91 | 40.18 | 40.48 | 40.78 | 39.93 |
| 1964 | 40.72 | 40.75 | 40.94 | 41.26 | 41.07 | 41.19 | 41.31 | 41.73 | 42.14 | 42.79 | 42.99 | 43.13 | 41.67 |
| 1965 | 42.71 | 42.61 | 42.80 | 43.20 | 43.69 | 43.56 | 43.64 | 43.88 | 43.93 | 44.18 | 44.21 | 44.21 | 43.55 |
| 1966 | 44.51 | 44.69 | 44.97 | 45.02 | 44.84 | 44.71 | 44.69 | 43.58 | 43.16 | 42.73 | 42.35 | 42.14 | 43.95 |
| 1967 | 41.79 | 41.42 | 40.87 | 40.47 | 40.41 | 40.72 | 40.66 | 40.58 | 40.66 | 40.73 | 40.81 | 41.20 | 40.86 |
| 1968 | 40.97 | 41.16 | 41.62 | 41.81 | 41.59 | 41.98 | 42.29 | 42.60 | 42.81 | 43.35 | 43.91 | 44.14 | 42.35 |
| 1969 | 44.66 | 45.13 | 45.30 | 45.50 | 45.56 | 45.78 | 46.06 | 46.56 | 47.03 | 46.92 | 47.11 | 47.18 | 46.07 |
| 1970 | 47.16 | 46.76 | 46.48 | 46.45 | 46.34 | 45.89 | 45.43 | 45.35 | 44.92 | 45.06 | 45.16 | 44.60 | 45.80 |
| 1971 | 44.36 | 44.38 | 44.77 | 45.32 | 44.87 | 45.10 | 45.28 | 45.70 | 45.96 | 46.15 | 46.20 | 46.61 | 45.39 |
| 1972 | 46.93 | 47.21 | 48.34 | 49.01 | 50.70 | 51.25 | 51.65 | 51.86 | 51.99 | 52.83 | 54.06 | 54.90 | 50.89 |
| 1973 | 55.83 | 57.56 | 58.95 | 60.23 | 61.08 | 63.05 | 64.42 | 66.40 | 67.65 | 68.98 | 70.66 | 74.65 | 64.12 |
| 1974 | 76.12 | 77.84 | 79.34 | 79.14 | 77.57 | 77.36 | 78.05 | 77.22 | 76.45 | 73.41 | 70.85 | 67.41 | 75.90 |
| 1975 | 66.43 | 66.28 | 65.82 | 66.39 | 66.94 | 65.27 | 65.14 | 66.62 | 68.67 | 69.19 | 69.54 | 70.32 | 67.22 |
| 1976 | 70.70 | 71.40 | 71.82 | 73.32 | 74.63 | 75.75 | 78.43 | 78.53 | 78.65 | 78.17 | 77.79 | 78.22 | 75.62 |
| 1977 | 78.42 | 79.19 | 80.87 | 80.64 | 80.59 | 79.75 | 79.97 | 80.51 | 80.56 | 81.15 | 81.72 | 82.85 | 80.52 |
| 1978 | 83.75 | 84.36 | 84.06 | 83.57 | 84.02 | 85.91 | 86.39 | 87.86 | 89.04 | 91.03 | 92.52 | 92.04 | 87.05 |
| 1979 | 92.96 | 94.83 | 96.92 | 99.37 | 100.97 | 102.07 | 102.88 | 102.58 | 102.48 | 105.75 | 107.39 | 108.68 | 101.41 |
| 1980 | 110.55 | 112.51 | 113.63 | 111.32 | 107.72 | 106.07 | 106.65 | 108.85 | 110.12 | 111.20 | 112.04 | 111.35 | 110.17 |
| 1981 | 110.31 | 108.94 | 109.99 | 110.94 | 111.01 | 110.97 | 111.21 | 111.40 | 109.65 | 108.33 | 106.40 | 105.06 | 109.52 |
| 1982 | 104.30 | 103.87 | 102.71 | 100.45 | 100.35 | 98.83 | 99.33 | 98.44 | 98.81 | 98.29 | 97.45 | 97.18 | 100.00 |
| 1983 | 97.97 | 99.92 | 100.12 | 100.40 | 101.33 | 102.38 | 105.17 | 108.55 | 110.22 | 112.48 | 114.23 | 114.94 | 105.64 |
| 1984 | 115.39 | 116.78 | 117.98 | 118.47 | 118.25 | 117.97 | 116.81 | 115.31 | 114.98 | 112.60 | 112.42 | 111.57 | 115.71 |
| 1985 | 110.61 | 110.03 | 109.75 | 108.79 | 107.73 | 106.63 | 106.00 | 105.37 | 103.71 | 103.53 | 103.06 | 103.13 | 106.53 |
| 1986 | 103.48 | 103.25 | 102.12 | 101.84 | 102.64 | 104.29 | 105.99 | 103.05 | 104.98 | 108.31 | 110.47 | 110.35 | 105.06 |
| 1987 | 111.46 | 111.18 | 112.01 | 114.34 | 116.91 | 118.29 | 120.01 | 121.43 | 122.15 | 122.51 | 121.02 | 121.69 | 117.75 |
| 1988 | 122.55 | 123.00 | 124.41 | 125.37 | 125.87 | 127.51 | 127.63 | 127.90 | 127.55 | 127.24 | 129.81 | 131.12 | 126.66 |
| 1989 | 132.86 | 134.73 | 135.64 | 134.52 | 133.26 | 132.53 | 131.49 | 130.85 | 131.19 | 131.02 | 128.54 | 125.87 | 131.88 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99b. Change in sensitive materials prices (percent) | | | | | | | | | | | | | |
| 1948 | ..... | 0.82 | -1.07 | 0.70 | 1.29 | 0.88 | -0.46 | -0.88 | -1.41 | -0.68 | 0.13 | -0.60 | ..... |
| 1949 | -1.16 | -2.00 | -1.73 | -4.23 | -1.47 | -2.00 | .14 | 1.41 | 1.13 | -2.02 | 1.00 | .40 | -.88 |
| 1950 | .23 | .03 | 1.27 | 1.19 | 3.02 | 2.88 | 6.32 | 7.53 | 5.82 | 2.78 | 3.23 | 2.64 | 3.08 |
| 1951 | 4.95 | 1.63 | -.13 | -1.44 | -.79 | -2.60 | -6.01 | -4.95 | -3.08 | 1.14 | -1.66 | -.88 | -1.15 |
| 1952 | -1.29 | -2.11 | -2.68 | -.65 | -.78 | -1.84 | -.55 | .83 | .82 | -1.16 | -1.22 | .81 | -.82 |
| 1953 | -1.28 | -.51 | .92 | -.73 | .69 | -.38 | -.66 | -.49 | -.77 | -.80 | -.63 | -.53 | -.43 |
| 1954 | -.84 | 0 | 1.04 | 1.40 | .21 | .75 | .49 | -.59 | .54 | .74 | -.23 | -.15 | .28 |
| 1955 | 1.15 | .83 | -.25 | .75 | .40 | .65 | 1.78 | -.10 | .12 | -.31 | .73 | 1.40 | .60 |
| 1956 | -.10 | -.07 | .14 | -.43 | -.74 | -1.20 | -.17 | .41 | .22 | .19 | .63 | .55 | -.05 |
| 1957 | -.69 | -1.23 | 0 | -.44 | -.64 | -.79 | -.35 | -.20 | -.77 | -1.23 | -.97 | -.59 | -.66 |
| 1958 | -.67 | -.08 | -.97 | -1.19 | .24 | .27 | 1.46 | .65 | .65 | 1.91 | .79 | -1.06 | .17 |
| 1959 | .30 | -.18 | 1.07 | 1.03 | .97 | .12 | -.02 | .37 | .49 | .66 | .29 | .29 | .45 |
| 1960 | .10 | -.79 | -.39 | .29 | -.02 | -.75 | -.56 | -.07 | -.34 | -.74 | -.40 | -1.05 | -.39 |
| 1961 | -.48 | 1.19 | .20 | .20 | .47 | -.99 | .70 | .37 | -.10 | .65 | -1.65 | 1.16 | .14 |
| 1962 | .50 | -.44 | .17 | -.92 | .38 | -.80 | -.38 | -.28 | 0 | .23 | .35 | -.53 | -.14 |
| 1963 | .05 | .03 | .05 | -.35 | .15 | .38 | .83 | .10 | -.42 | .68 | .75 | .74 | .25 |
| 1964 | -.15 | .07 | .47 | .78 | -.46 | .29 | .29 | 1.02 | .98 | 1.54 | .47 | .33 | .47 |
| 1965 | -.97 | -.23 | .45 | .93 | 1.13 | -.30 | .18 | .55 | .11 | .57 | .07 | 0 | .21 |
| 1966 | .68 | .40 | .63 | .11 | -.40 | -.29 | -.04 | -2.48 | -.96 | -1.00 | -.89 | -.50 | -.40 |
| 1967 | -.83 | -.89 | -1.33 | -.98 | -.15 | .77 | -.15 | -.20 | .20 | .17 | .20 | .96 | -.19 |
| 1968 | -.56 | .46 | 1.12 | .46 | -.53 | .94 | .74 | .73 | .49 | 1.26 | 1.29 | .52 | .58 |
| 1969 | 1.18 | 1.05 | .38 | .44 | .13 | .48 | .61 | 1.09 | 1.01 | -.23 | .40 | .15 | .56 |
| 1970 | -.04 | -.85 | -.60 | -.06 | -.24 | -.97 | -1.00 | -.18 | -.95 | .31 | .22 | -1.24 | -.47 |
| 1971 | -.54 | .05 | .88 | 1.23 | -.99 | .51 | .40 | .93 | .57 | .41 | .11 | .89 | .37 |
| 1972 | .69 | .60 | 2.39 | 1.39 | 3.45 | 1.08 | .78 | .41 | .25 | 1.62 | 2.33 | 1.55 | 1.38 |
| 1973 | 1.69 | 3.10 | 2.41 | 2.17 | 1.41 | 3.23 | 2.17 | 3.07 | 1.88 | 1.97 | 2.44 | 5.65 | 2.60 |
| 1974 | 1.97 | 2.26 | 1.93 | -.25 | -1.98 | -.27 | .89 | -1.06 | -1.00 | -3.98 | -3.49 | -4.86 | -.82 |
| 1975 | -1.45 | -.23 | -.69 | .87 | .83 | -2.49 | -.20 | 2.27 | 3.08 | .76 | .51 | 1.12 | .36 |
| 1976 | .54 | .99 | .59 | 2.09 | 1.79 | 1.50 | 3.54 | .13 | .15 | -.61 | -.49 | .55 | .90 |
| 1977 | .26 | .98 | 2.12 | -.28 | -.06 | -1.04 | .28 | .68 | .06 | .73 | .70 | 1.38 | .48 |
| 1978 | 1.09 | .73 | -.36 | -.58 | .54 | 2.25 | .56 | 1.70 | 1.34 | 2.23 | 1.64 | -.52 | .88 |
| 1979 | 1.00 | 2.01 | 2.20 | 2.53 | 1.61 | 1.09 | .79 | -.29 | -.10 | 3.19 | 1.55 | 1.20 | 1.40 |
| 1980 | 1.72 | 1.77 | 1.00 | -2.03 | -3.23 | -1.53 | .55 | 2.06 | 1.17 | .98 | .76 | -.62 | .22 |
| 1981 | -.93 | -1.24 | .96 | .86 | .06 | -.04 | .22 | .17 | -1.57 | -1.20 | -1.78 | -1.26 | -.48 |
| 1982 | -.72 | -.41 | -1.12 | -2.20 | -.10 | -1.51 | .51 | -.90 | .38 | -.53 | -.85 | -.28 | -.64 |
| 1983 | .81 | 1.99 | .20 | .28 | .93 | 1.04 | 2.73 | 3.21 | 1.54 | 2.05 | 1.56 | .62 | 1.41 |
| 1984 | .39 | 1.20 | 1.03 | .42 | -.19 | -.24 | -.98 | -1.28 | -.29 | -2.07 | -.16 | -.76 | -.24 |
| 1985 | -.86 | -.52 | -.25 | -.87 | -.97 | -1.02 | -.59 | -.59 | -1.58 | -.17 | -.45 | .07 | -.65 |
| 1986 | .34 | -.22 | -1.09 | -.27 | .79 | 1.61 | 1.63 | -2.77 | 1.87 | 3.17 | 1.99 | -.11 | .58 |
| 1987 | 1.01 | -.25 | .75 | 2.08 | 2.25 | 1.18 | 1.45 | 1.18 | .59 | .29 | -1.22 | .55 | .82 |
| 1988 | .71 | .37 | 1.15 | .77 | .40 | 1.30 | .09 | .21 | -.27 | -.24 | 2.02 | 1.01 | .63 |
| 1989 | 1.33 | 1.41 | .68 | -.83 | -.94 | -.55 | -.78 | -.49 | .26 | -.13 | -1.89 | -2.08 | -.33 |
| 99. Change in sensitive materials prices, smoothed (percent) † | | | | | | | | | | | | | |
| 1948 | ..... | ..... | ..... | ..... | ..... | .38 | .30 | .14 | -.16 | -.41 | -.48 | -.54 | ..... |
| 1949 | -.66 | -.91 | -1.16 | -1.73 | -2.02 | -2.19 | -1.98 | -1.40 | -.72 | -.49 | -.16 | .11 | -1.11 |
| 1950 | .28 | .35 | .51 | .70 | 1.12 | 1.60 | 2.52 | 3.73 | 4.72 | 5.04 | 4.98 | 4.63 | 2.52 |
| 1951 | 4.47 | 4.00 | 3.16 | 2.06 | 1.03 | -.07 | -1.50 | -2.81 | -3.61 | -3.44 | -3.10 | -2.60 | -.20 |
| 1952 | -2.14 | -1.86 | -1.81 | -1.62 | -1.40 | -1.33 | -1.18 | -.83 | -.40 | -.25 | -.29 | -.17 | -1.11 |
| 1953 | -.25 | -.33 | -.21 | -.21 | -.09 | -.06 | -.12 | -.21 | -.33 | -.47 | -.57 | -.62 | -.29 |
| 1954 | -.68 | -.63 | -.37 | .02 | .27 | .48 | .61 | .52 | .47 | .48 | .39 | .26 | .15 |
| 1955 | .31 | .41 | .37 | .41 | .42 | .46 | .66 | .68 | .61 | .45 | .39 | .49 | .47 |
| 1956 | .47 | .39 | .31 | .16 | -.05 | -.32 | -.47 | -.43 | -.32 | -.19 | 0 | .18 | -.02 |
| 1957 | .17 | -.02 | -.13 | -.24 | -.35 | -.48 | -.54 | -.52 | -.55 | -.66 | -.76 | -.80 | -.41 |
| 1958 | -.81 | -.71 | -.69 | -.74 | -.64 | -.46 | -.10 | .22 | .46 | .80 | .99 | .83 | -.07 |
| 1959 | .67 | .46 | .42 | .47 | .57 | .57 | .49 | .43 | .40 | .42 | .41 | .39 | .48 |
| 1960 | .34 | .16 | -.02 | -.09 | -.11 | -.22 | -.32 | -.35 | -.37 | -.43 | -.46 | -.56 | -.20 |
| 1961 | -.60 | -.39 | -.18 | -.01 | .15 | .10 | .14 | .20 | .20 | .25 | .03 | .05 | 0 |
| 1962 | .12 | .09 | .08 | -.06 | -.08 | -.19 | -.28 | -.33 | -.32 | -.24 | -.11 | -.09 | -.12 |
| 1963 | -.06 | -.03 | 0 | -.03 | -.03 | .03 | .17 | .25 | .20 | .24 | .33 | .43 | .12 |
| 1964 | .42 | .36 | .35 | .39 | .31 | .25 | .23 | .32 | .46 | .69 | .79 | .79 | .45 |
| 1965 | .55 | .31 | .18 | .21 | .35 | .35 | .32 | .34 | .32 | .34 | .32 | .26 | .32 |
| 1966 | .28 | .31 | .37 | .37 | .27 | .13 | .03 | -.37 | -.68 | -.91 | -1.04 | -1.04 | -.19 |
| 1967 | -1.01 | -.98 | -1.01 | -1.02 | -.91 | -.62 | -.39 | -.22 | -.07 | .05 | .14 | .30 | -.48 |
| 1968 | .28 | .30 | .41 | .49 | .40 | .41 | .47 | .54 | .57 | .68 | .83 | .88 | .52 |
| 1969 | .94 | 1.00 | .95 | .85 | .69 | .58 | .51 | .55 | .64 | .57 | .51 | .42 | .68 |
| 1970 | .31 | .09 | -.13 | -.25 | -.32 | -.45 | -.60 | -.63 | -.69 | -.59 | -.42 | -.44 | -.34 |
| 1971 | -.46 | -.40 | -.20 | .11 | .15 | .22 | .28 | .41 | .50 | .54 | .51 | .54 | .18 |
| 1972 | .58 | .60 | .86 | 1.08 | 1.53 | 1.73 | 1.72 | 1.54 | 1.26 | 1.14 | 1.23 | 1.33 | 1.22 |
| 1973 | 1.44 | 1.72 | 1.98 | 2.16 | 2.16 | 2.31 | 2.37 | 2.51 | 2.50 | 2.43 | 2.38 | 2.80 | 2.23 |
| 1974 | 2.93 | 2.91 | 2.77 | 2.29 | 1.43 | .69 | .29 | -.13 | -.49 | -1.17 | -1.88 | -2.69 | .58 |
| 1975 | -3.01 | -2.81 | -2.42 | -1.74 | -1.00 | -.77 | -.56 | -.05 | .66 | 1.10 | 1.27 | 1.35 | -.66 |
| 1976 | 1.29 | 1.21 | 1.09 | 1.15 | 1.27 | 1.37 | 1.72 | 1.71 | 1.50 | 1.09 | .64 | .36 | 1.20 |
| 1977 | .19 | .19 | .45 | .51 | .46 | .23 | .11 | .11 | .10 | .18 | .30 | .52 | .28 |
| 1978 | .72 | .84 | .75 | .52 | .38 | .56 | .66 | .86 | 1.04 | 1.31 | 1.51 | 1.35 | .88 |
| 1979 | 1.22 | 1.24 | 1.39 | 1.62 | 1.76 | 1.75 | 1.62 | 1.28 | .90 | .98 | 1.11 | 1.20 | 1.34 |
| 1980 | 1.32 | 1.45 | 1.47 | 1.00 | .17 | -.55 | -.83 | -.60 | -.23 | .15 | .46 | .49 | .36 |
| 1981 | .32 | .01 | -.05 | .05 | .10 | .12 | .14 | .15 | -.07 | -.35 | -.71 | -.99 | -.11 |
| 1982 | -1.12 | -1.10 | -1.09 | -1.24 | -1.17 | -1.17 | -.95 | -.81 | -.57 | -.43 | -.40 | -.36 | -.87 |
| 1983 | -.19 | .21 | .44 | .55 | .67 | .79 | 1.12 | 1.59 | 1.86 | 2.05 | 2.09 | 1.92 | 1.09 |
| 1984 | 1.61 | 1.38 | 1.19 | .98 | .70 | .41 | .05 | -.34 | -.56 | -.89 | -.99 | -1.01 | .21 |
| 1985 | -1.01 | -.94 | -.81 | -.74 | -.73 | -.76 | -.76 | -.73 | -.83 | -.80 | -.74 | -.59 | -.79 |
| 1986 | -.38 | -.23 | -.26 | -.28 | -.15 | .17 | .55 | .32 | .40 | .82 | 1.22 | 1.28 | .29 |
| 1987 | 1.27 | 1.07 | .90 | .97 | 1.18 | 1.30 | 1.39 | 1.42 | 1.32 | 1.13 | .70 | .43 | 1.09 |
| 1988 | .30 | .24 | .33 | .44 | .50 | .64 | .65 | .60 | .45 | .27 | .40 | .56 | .45 |
| 1989 | .75 | .96 | 1.04 | .84 | .48 | .13 | -.20 | -.43 | -.47 | -.45 | -.63 | -.93 | .09 |

† Data are smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101. Commercial and industrial loans outstanding in 1982 dollars (mil. $) | | | | | | | | | | | | | |
| 1948 | 44,744 | 45,364 | 45,408 | 45,420 | 46,469 | 46,903 | 47,457 | 47,521 | 47,537 | 47,701 | 47,169 | 47,149 | 46,570 |
| 1949 | 47,557 | 48,183 | 47,776 | 47,423 | 47,095 | 46,765 | 45,592 | 44,977 | 44,739 | 45,015 | 44,781 | 44,842 | 46,229 |
| 1950 | 45,212 | 45,172 | 45,172 | 45,475 | 45,261 | 45,985 | 46,081 | 46,541 | 47,799 | 48,535 | 49,252 | 49,721 | 46,684 |
| 1951 | 49,980 | 51,168 | 52,550 | 54,221 | 55,524 | 56,472 | 57,182 | 57,894 | 58,209 | 58,648 | 58,904 | 59,568 | 55,860 |
| 1952 | 60,450 | 60,883 | 61,255 | 61,608 | 61,818 | 62,529 | 62,855 | 62,584 | 63,605 | 64,661 | 66,304 | 67,082 | 62,970 |
| 1953 | 67,381 | 67,540 | 67,791 | 69,041 | 69,251 | 69,269 | 68,425 | 69,150 | 68,554 | 68,455 | 68,093 | 66,616 | 68,297 |
| 1954 | 65,980 | 66,406 | 66,321 | 65,878 | 65,388 | 65,325 | 65,106 | 62,437 | 62,486 | 62,591 | 63,127 | 64,707 | 64,646 |
| 1955 | 64,942 | 65,235 | 66,168 | 66,362 | 67,983 | 68,717 | 70,126 | 71,207 | 71,703 | 73,091 | 74,434 | 75,495 | 69,622 |
| 1956 | 76,246 | 76,520 | 78,515 | 79,581 | 80,630 | 81,700 | 83,030 | 83,312 | 83,853 | 84,095 | 84,847 | 85,159 | 81,457 |
| 1957 | 85,503 | 85,577 | 86,955 | 87,630 | 88,352 | 89,203 | 89,259 | 89,092 | 89,639 | 88,728 | 87,275 | 86,834 | 87,837 |
| 1958 | 85,543 | 84,559 | 83,713 | 83,468 | 82,082 | 82,079 | 81,962 | 81,677 | 82,206 | 82,740 | 82,848 | 83,301 | 83,015 |
| 1959 | 83,243 | 83,290 | 83,981 | 84,506 | 85,903 | 87,543 | 87,495 | 89,028 | 89,303 | 90,370 | 91,130 | 91,752 | 87,295 |
| 1960 | 91,886 | 93,161 | 93,223 | 93,805 | 94,968 | 96,192 | 96,142 | 95,997 | 96,335 | 96,148 | 96,505 | 96,215 | 95,048 |
| 1961 | 95,855 | 95,761 | 96,182 | 96,696 | 96,829 | 97,256 | 96,806 | 97,156 | 97,400 | 97,403 | 97,594 | 97,718 | 96,888 |
| 1962 | 97,858 | 98,237 | 98,804 | 99,744 | 100,492 | 101,197 | 101,551 | 102,424 | 102,270 | 103,839 | 104,726 | 105,193 | 101,361 |
| 1963 | 105,348 | 105,940 | 106,305 | 107,252 | 107,403 | 107,399 | 107,445 | 108,294 | 109,155 | 110,557 | 112,420 | 114,136 | 108,471 |
| 1964 | 113,088 | 114,576 | 114,592 | 115,623 | 116,952 | 117,702 | 118,177 | 119,380 | 120,691 | 121,293 | 122,584 | 124,533 | 118,266 |
| 1965 | 126,538 | 129,201 | 131,937 | 133,372 | 135,850 | 136,043 | 137,052 | 140,096 | 142,954 | 144,418 | 146,353 | 147,290 | 137,592 |
| 1966 | 149,386 | 150,479 | 152,536 | 154,157 | 156,256 | 158,811 | 160,633 | 163,307 | 164,955 | 167,710 | 169,505 | 170,315 | 159,838 |
| 1967 | 171,395 | 172,904 | 175,381 | 177,852 | 177,955 | 178,851 | 179,973 | 179,838 | 180,641 | 182,018 | 183,458 | 184,341 | 178,717 |
| 1968 | 184,234 | 183,565 | 183,900 | 186,997 | 186,968 | 188,412 | 189,813 | 193,336 | 194,852 | 197,099 | 199,858 | 201,277 | 190,859 |
| 1969 | 205,305 | 206,240 | 208,463 | 213,354 | 215,124 | 217,120 | 217,539 | 221,423 | 224,117 | 225,900 | 226,504 | 227,826 | 217,410 |
| 1970 | 225,137 | 227,790 | 231,065 | 230,617 | 231,962 | 232,870 | 231,547 | 234,407 | 234,119 | 229,714 | 228,240 | 228,288 | 230,480 |
| 1971 | 226,799 | 226,101 | 226,214 | 223,082 | 223,824 | 220,738 | 218,311 | 221,265 | 226,807 | 224,360 | 223,948 | 220,953 | 223,534 |
| 1972 | 217,727 | 217,500 | 219,885 | 222,244 | 222,547 | 222,338 | 221,072 | 221,446 | 220,381 | 225,691 | 226,819 | 224,114 | 221,814 |
| 1973 | 226,632 | 231,212 | 230,700 | 233,413 | 231,627 | 231,134 | 237,374 | 228,432 | 232,244 | 236,855 | 238,445 | 235,590 | 232,805 |
| 1974 | 232,586 | 232,644 | 232,684 | 240,896 | 241,527 | 243,340 | 242,048 | 238,469 | 245,848 | 243,149 | 243,439 | 244,106 | 240,061 |
| 1975 | 245,038 | 244,065 | 242,798 | 237,503 | 231,002 | 226,547 | 222,680 | 219,625 | 215,734 | 212,373 | 211,985 | 211,466 | 226,735 |
| 1976 | 209,264 | 209,947 | 205,817 | 199,322 | 199,127 | 199,376 | 196,961 | 197,204 | 195,324 | 196,721 | 198,898 | 198,760 | 200,560 |
| 1977 | 198,169 | 198,148 | 196,847 | 195,570 | 195,920 | 198,446 | 197,942 | 200,329 | 200,380 | 201,485 | 202,541 | 202,979 | 199,063 |
| 1978 | 202,332 | 200,975 | 203,430 | 203,797 | 205,797 | 207,924 | 208,717 | 209,932 | 209,534 | 209,611 | 211,492 | 210,275 | 206,985 |
| 1979 | 211,348 | 211,403 | 211,524 | 215,596 | 217,070 | 220,029 | 221,364 | 224,896 | 227,182 | 224,603 | 222,027 | 223,553 | 219,216 |
| 1980 | 226,606 | 227,029 | 229,035 | 228,454 | 225,092 | 228,246 | 222,492 | 220,472 | 221,829 | 220,611 | 224,520 | 224,962 | 224,946 |
| 1981 | 223,756 | 222,051 | 218,223 | 219,981 | 225,106 | 228,949 | 231,984 | 237,186 | 241,748 | 244,062 | 247,798 | 250,863 | 232,642 |
| 1982 | 255,459 | 260,455 | 262,378 | 267,759 | 271,565 | 272,899 | 272,072 | 272,722 | 274,885 | 274,307 | 269,427 | 263,382 | 268,109 |
| 1983 | 268,017 | 267,246 | 268,376 | 264,546 | 259,390 | 259,504 | 258,345 | 258,227 | 257,595 | 256,193 | 257,774 | 261,357 | 261,381 |
| 1984 | 267,024 | 270,702 | 276,583 | 282,904 | 288,689 | 298,112 | 301,703 | 305,775 | 310,868 | 314,940 | 316,890 | 318,318 | 296,042 |
| 1985 | 318,828 | 321,793 | 324,607 | 324,451 | 326,674 | 326,114 | 328,855 | 331,782 | 332,614 | 334,166 | 335,617 | 336,736 | 328,520 |
| 1986 | 340,214 | 343,552 | 346,847 | 344,018 | 345,052 | 346,324 | 349,561 | 354,412 | 353,127 | 353,830 | 353,963 | 359,861 | 349,230 |
| 1987 | 364,667 | 361,323 | 359,137 | 356,444 | 353,526 | 353,171 | 350,404 | 346,810 | 350,297 | 351,588 | 350,113 | 352,611 | 354,174 |
| 1988 | 354,651 | 359,891 | 360,842 | 365,565 | 363,322 | 363,394 | 364,867 | 365,156 | 364,291 | 367,482 | 367,589 | 370,598 | 363,971 |
| 1989 | 371,448 | 377,680 | 378,902 | 380,436 | 385,204 | 388,251 | 391,587 | 400,521 | 398,512 | 397,393 | 397,725 | 396,596 | 388,688 |
| 106. Money supply M2 in 1982 dollars (bil. $) | | | | | | | | | | | | | |
| 1948 | 832.1 | 832.1 | 835.7 | 823.9 | 816.1 | 812.8 | 804.3 | 805.5 | 804.7 | 807.5 | 812.8 | 811.2 | 816.6 |
| 1949 | 813.3 | 816.5 | 816.5 | 817.7 | 819.4 | 819.0 | 825.2 | 824.0 | 819.8 | 826.5 | 824.0 | 828.6 | 820.9 |
| 1950 | 833.6 | 834.7 | 833.3 | 841.2 | 838.5 | 840.5 | 832.8 | 831.1 | 828.2 | 824.0 | 822.4 | 811.6 | 831.0 |
| 1951 | 801.9 | 791.4 | 791.0 | 792.5 | 792.2 | 797.8 | 801.9 | 808.6 | 808.2 | 808.9 | 805.9 | 804.4 | 800.4 |
| 1952 | 807.6 | 814.6 | 816.4 | 816.0 | 821.9 | 822.5 | 819.1 | 825.4 | 830.4 | 833.0 | 837.0 | 836.5 | 823.4 |
| 1953 | 840.6 | 842.0 | 843.3 | 845.8 | 848.4 | 846.4 | 851.3 | 850.4 | 851.1 | 850.5 | 855.0 | 854.1 | 848.2 |
| 1954 | 856.6 | 856.1 | 858.6 | 860.9 | 868.5 | 871.0 | 878.4 | 882.7 | 884.5 | 891.7 | 891.7 | 896.4 | 874.8 |
| 1955 | 901.1 | 903.2 | 902.2 | 904.7 | 911.6 | 911.6 | 913.7 | 913.7 | 909.7 | 914.4 | 910.8 | 916.2 | 909.4 |
| 1956 | 916.9 | 913.6 | 915.8 | 915.0 | 914.3 | 910.3 | 908.1 | 908.1 | 908.8 | 906.7 | 909.1 | 907.7 | 911.2 |
| 1957 | 911.2 | 906.6 | 906.9 | 908.3 | 907.9 | 905.8 | 905.5 | 904.8 | 905.1 | 906.1 | 904.1 | 904.1 | 906.4 |
| 1958 | 897.0 | 904.7 | 909.1 | 912.7 | 918.7 | 927.1 | 930.8 | 936.8 | 939.5 | 942.8 | 941.5 | 949.5 | 925.8 |
| 1959 | 952.5 | 956.1 | 966.9 | 964.1 | 971.1 | 973.5 | 977.8 | 978.2 | 975.3 | 972.5 | 974.4 | 976.4 | 969.9 |
| 1960 | 981.2 | 979.0 | 981.3 | 980.7 | 983.7 | 984.4 | 994.4 | 999.7 | 1,003.9 | 1,001.9 | 1,006.5 | 1,011.0 | 992.3 |
| 1961 | 1,016.8 | 1,024.6 | 1,029.8 | 1,035.6 | 1,043.0 | 1,049.2 | 1,050.6 | 1,056.8 | 1,059.2 | 1,065.0 | 1,072.3 | 1,078.8 | 1,048.5 |
| 1962 | 1,085.9 | 1,090.7 | 1,099.4 | 1,104.2 | 1,110.2 | 1,115.3 | 1,121.4 | 1,123.9 | 1,126.0 | 1,134.3 | 1,142.5 | 1,151.4 | 1,117.1 |
| 1963 | 1,160.0 | 1,168.3 | 1,172.5 | 1,181.6 | 1,190.2 | 1,193.4 | 1,202.5 | 1,206.6 | 1,213.2 | 1,217.9 | 1,227.9 | 1,229.1 | 1,196.9 |
| 1964 | 1,235.9 | 1,242.8 | 1,248.8 | 1,255.6 | 1,263.4 | 1,267.6 | 1,277.9 | 1,287.9 | 1,293.8 | 1,302.2 | 1,307.4 | 1,315.2 | 1,274.9 |
| 1965 | 1,324.5 | 1,332.8 | 1,336.7 | 1,340.3 | 1,344.9 | 1,345.3 | 1,358.6 | 1,363.0 | 1,373.7 | 1,380.5 | 1,390.2 | 1,392.1 | 1,356.9 |
| 1966 | 1,401.2 | 1,399.4 | 1,402.4 | 1,401.2 | 1,403.0 | 1,401.8 | 1,401.5 | 1,394.4 | 1,402.1 | 1,396.2 | 1,400.3 | 1,407.6 | 1,400.9 |
| 1967 | 1,413.5 | 1,418.1 | 1,430.7 | 1,435.0 | 1,445.3 | 1,454.8 | 1,468.4 | 1,472.9 | 1,479.3 | 1,486.0 | 1,489.1 | 1,494.0 | 1,457.3 |
| 1968 | 1,495.2 | 1,493.2 | 1,500.8 | 1,505.3 | 1,505.6 | 1,507.2 | 1,508.3 | 1,514.9 | 1,521.4 | 1,524.9 | 1,531.9 | 1,539.1 | 1,512.3 |
| 1969 | 1,543.1 | 1,536.8 | 1,534.8 | 1,531.9 | 1,529.4 | 1,526.4 | 1,522.0 | 1,515.9 | 1,516.4 | 1,508.8 | 1,509.0 | 1,507.9 | 1,523.5 |
| 1970 | 1,505.1 | 1,489.6 | 1,488.1 | 1,481.2 | 1,485.0 | 1,489.3 | 1,489.8 | 1,500.2 | 1,508.4 | 1,513.7 | 1,517.8 | 1,524.5 | 1,499.4 |
| 1971 | 1,536.1 | 1,548.2 | 1,569.4 | 1,589.2 | 1,601.0 | 1,606.7 | 1,614.5 | 1,625.1 | 1,641.6 | 1,651.9 | 1,667.2 | 1,673.0 | 1,610.3 |
| 1972 | 1,686.2 | 1,697.0 | 1,715.2 | 1,724.9 | 1,731.8 | 1,742.4 | 1,760.7 | 1,774.3 | 1,791.1 | 1,802.5 | 1,814.8 | 1,830.0 | 1,755.9 |
| 1973 | 1,841.2 | 1,833.6 | 1,823.6 | 1,822.1 | 1,825.7 | 1,828.2 | 1,836.7 | 1,810.5 | 1,808.6 | 1,793.9 | 1,795.2 | 1,797.5 | 1,818.1 |
| 1974 | 1,788.6 | 1,776.3 | 1,770.9 | 1,769.2 | 1,749.2 | 1,745.2 | 1,738.6 | 1,723.6 | 1,711.7 | 1,698.7 | 1,695.7 | 1,685.7 | 1,737.8 |
| 1975 | 1,683.4 | 1,688.4 | 1,702.7 | 1,718.1 | 1,732.3 | 1,749.8 | 1,749.4 | 1,761.0 | 1,764.3 | 1,765.9 | 1,771.2 | 1,776.6 | 1,738.6 |
| 1976 | 1,788.9 | 1,809.8 | 1,822.6 | 1,838.7 | 1,852.7 | 1,847.4 | 1,853.6 | 1,866.8 | 1,877.6 | 1,893.7 | 1,908.1 | 1,923.5 | 1,856.9 |
| 1977 | 1,936.0 | 1,938.7 | 1,941.1 | 1,947.1 | 1,957.7 | 1,961.9 | 1,966.6 | 1,975.0 | 1,984.7 | 1,991.1 | 1,991.3 | 1,991.8 | 1,965.2 |
| 1978 | 1,994.3 | 1,993.0 | 1,989.1 | 1,989.3 | 1,987.9 | 1,977.9 | 1,975.8 | 1,976.4 | 1,981.5 | 1,975.5 | 1,974.0 | 1,973.0 | 1,982.3 |
| 1979 | 1,967.8 | 1,955.4 | 1,950.7 | 1,948.4 | 1,934.7 | 1,935.7 | 1,931.5 | 1,925.0 | 1,920.6 | 1,911.2 | 1,892.0 | 1,880.8 | 1,929.5 |
| 1980 | 1,865.5 | 1,859.0 | 1,837.9 | 1,816.0 | 1,808.5 | 1,812.6 | 1,836.8 | 1,844.2 | 1,846.1 | 1,839.9 | 1,837.3 | 1,821.1 | 1,835.4 |
| 1981 | 1,813.6 | 1,810.9 | 1,819.3 | 1,831.5 | 1,823.0 | 1,817.0 | 1,811.1 | 1,815.8 | 1,810.4 | 1,820.4 | 1,828.7 | 1,839.5 | 1,820.1 |
| 1982 | 1,852.5 | 1,850.8 | 1,862.7 | 1,870.1 | 1,864.6 | 1,853.2 | 1,857.5 | 1,872.9 | 1,886.9 | 1,893.0 | 1,908.9 | 1,929.9 | 1,875.2 |
| 1983 | 1,977.6 | 2,013.6 | 2,029.8 | 2,032.8 | 2,037.8 | 2,046.9 | 2,050.8 | 2,054.3 | 2,060.6 | 2,070.9 | 2,077.5 | 2,082.4 | 2,044.6 |
| 1984 | 2,079.8 | 2,088.4 | 2,094.9 | 2,100.0 | 2,106.1 | 2,113.7 | 2,114.7 | 2,118.8 | 2,127.9 | 2,132.3 | 2,151.1 | 2,169.8 | 2,116.5 |
| 1985 | 2,189.1 | 2,198.5 | 2,197.1 | 2,194.7 | 2,203.8 | 2,222.8 | 2,234.1 | 2,246.3 | 2,256.6 | 2,257.8 | 2,259.6 | 2,264.8 | 2,227.1 |
| 1986 | 2,261.5 | 2,277.6 | 2,304.3 | 2,336.4 | 2,355.9 | 2,360.8 | 2,385.0 | 2,400.7 | 2,409.8 | 2,426.2 | 2,437.7 | 2,451.4 | 2,367.3 |
| 1987 | 2,453.1 | 2,442.0 | 2,436.3 | 2,436.2 | 2,433.2 | 2,427.5 | 2,427.0 | 2,429.2 | 2,434.6 | 2,438.8 | 2,434.0 | 2,429.7 | 2,435.1 |
| 1988 | 2,440.8 | 2,455.9 | 2,463.4 | 2,468.9 | 2,471.9 | 2,472.5 | 2,468.0 | 2,463.7 | 2,454.5 | 2,450.8 | 2,457.2 | 2,456.0 | 2,460.3 |
| 1989 | 2,443.1 | 2,437.1 | 2,432.5 | 2,417.4 | 2,404.8 | 2,411.8 | 2,424.0 | 2,439.5 | 2,446.7 | 2,449.5 | 2,454.9 | 2,461.1 | 2,435.2 |

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109. Average prime rate charged by banks, NSA (percent) | | | | | | | | | | | | | |
| 1948 | 1.75 | 1.75 | 1.75 | 1.75 | 1.75 | 1.75 | 1.75 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 1.85 |
| 1949 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 1950 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.08 | 2.25 | 2.25 | 2.25 | 2.07 |
| 1951 | 2.44 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.62 | 2.75 | 2.85 | 2.56 |
| 1952 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| 1953 | 3.00 | 3.00 | 3.00 | 3.03 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.17 |
| 1954 | 3.25 | 3.25 | 3.13 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.05 |
| 1955 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.23 | 3.25 | 3.40 | 3.50 | 3.50 | 3.16 |
| 1956 | 3.50 | 3.50 | 3.50 | 3.65 | 3.75 | 3.75 | 3.75 | 3.84 | 4.00 | 4.00 | 4.00 | 4.00 | 3.77 |
| 1957 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.42 | 4.50 | 4.50 | 4.50 | 4.50 | 4.20 |
| 1958 | 4.34 | 4.00 | 4.00 | 3.83 | 3.50 | 3.50 | 3.50 | 3.50 | 3.83 | 4.00 | 4.00 | 4.00 | 3.83 |
| 1959 | 4.00 | 4.00 | 4.00 | 4.00 | 4.23 | 4.50 | 4.50 | 4.50 | 5.00 | 5.00 | 5.00 | 5.00 | 4.48 |
| 1960 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 4.85 | 4.50 | 4.50 | 4.50 | 4.50 | 4.82 |
| 1961 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| 1962 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| 1963 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| 1964 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 |
| 1965 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.92 | 4.54 |
| 1966 | 5.00 | 5.00 | 5.35 | 5.50 | 5.50 | 5.52 | 5.75 | 5.88 | 6.00 | 6.00 | 6.00 | 6.00 | 5.62 |
| 1967 | 5.96 | 5.75 | 5.71 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | 5.68 | 6.00 | 5.63 |
| 1968 | 6.00 | 6.00 | 6.00 | 6.20 | 6.50 | 6.50 | 6.50 | 6.50 | 6.40 | 6.00 | 6.20 | 6.60 | 6.28 |
| 1969 | 6.95 | 7.00 | 7.24 | 7.50 | 7.50 | 8.23 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 7.95 |
| 1970 | 8.50 | 8.50 | 8.39 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 7.83 | 7.50 | 7.28 | 6.92 | 7.91 |
| 1971 | 6.29 | 5.88 | 5.48 | 5.25 | 5.42 | 5.50 | 5.90 | 6.00 | 6.00 | 5.91 | 5.47 | 5.25 | 5.70 |
| 1972 | 5.18 | 4.75 | 4.75 | 4.98 | 5.00 | 5.04 | 5.25 | 5.27 | 5.50 | 5.73 | 5.75 | 5.79 | 5.25 |
| 1973 | 6.00 | 6.02 | 6.30 | 6.60 | 7.01 | 7.49 | 8.30 | 9.23 | 9.86 | 9.94 | 9.75 | 9.75 | 8.02 |
| 1974 | 9.73 | 9.21 | 8.83 | 10.02 | 11.25 | 11.54 | 11.98 | 12.00 | 12.00 | 11.68 | 10.83 | 10.50 | 10.80 |
| 1975 | 10.05 | 8.96 | 7.93 | 7.50 | 7.40 | 7.07 | 7.15 | 7.66 | 7.88 | 7.96 | 7.53 | 7.26 | 7.86 |
| 1976 | 7.00 | 6.75 | 6.75 | 6.75 | 6.75 | 7.20 | 7.25 | 7.01 | 7.00 | 6.78 | 6.50 | 6.35 | 6.84 |
| 1977 | 6.25 | 6.25 | 6.25 | 6.25 | 6.41 | 6.75 | 6.75 | 6.83 | 7.13 | 7.52 | 7.75 | 7.75 | 6.82 |
| 1978 | 7.93 | 8.00 | 8.00 | 8.00 | 8.27 | 8.63 | 9.00 | 9.01 | 9.41 | 9.94 | 10.94 | 11.55 | 9.06 |
| 1979 | 11.75 | 11.75 | 11.75 | 11.75 | 11.75 | 11.65 | 11.54 | 11.91 | 12.90 | 14.39 | 15.55 | 15.30 | 12.67 |
| 1980 | 15.25 | 15.63 | 18.31 | 19.77 | 16.57 | 12.63 | 11.48 | 11.12 | 12.23 | 13.79 | 16.06 | 20.35 | 15.27 |
| 1981 | 20.16 | 19.43 | 18.05 | 17.15 | 19.61 | 20.03 | 20.39 | 20.50 | 20.08 | 18.45 | 16.84 | 15.75 | 18.87 |
| 1982 | 15.75 | 16.56 | 16.50 | 16.50 | 16.50 | 16.50 | 16.26 | 14.39 | 13.50 | 12.52 | 11.85 | 11.50 | 14.86 |
| 1983 | 11.16 | 10.98 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.89 | 11.00 | 11.00 | 11.00 | 11.00 | 10.79 |
| 1984 | 11.00 | 11.00 | 11.21 | 11.93 | 12.39 | 12.60 | 13.00 | 13.00 | 12.97 | 12.58 | 11.77 | 11.06 | 12.04 |
| 1985 | 10.61 | 10.50 | 10.50 | 10.50 | 10.31 | 9.78 | 9.50 | 9.50 | 9.50 | 9.50 | 9.50 | 9.50 | 9.93 |
| 1986 | 9.50 | 9.50 | 9.10 | 8.83 | 8.50 | 8.50 | 8.16 | 7.90 | 7.50 | 7.50 | 7.50 | 7.50 | 8.33 |
| 1987 | 7.50 | 7.50 | 7.50 | 7.75 | 8.14 | 8.25 | 8.25 | 8.25 | 8.70 | 9.07 | 8.78 | 8.75 | 8.20 |
| 1988 | 8.75 | 8.51 | 8.50 | 8.50 | 8.84 | 9.00 | 9.29 | 9.84 | 10.00 | 10.00 | 10.05 | 10.50 | 9.32 |
| 1989 | 10.50 | 10.93 | 11.50 | 11.50 | 11.50 | 11.07 | 10.98 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.87 |
| 120a. Consumer Price Index for services (1982-84=100) | | | | | | | | | | | | | |
| 1948 | | | | | | | | | | | | | |
| 1949 | | | | | | | | | | | | | |
| 1950 | | | | | | | | | | | | | |
| 1951 | | | | | | | | | | | | | |
| 1952 | | | | | | | | | | | | | |
| 1953 | | | | | | | | | | | | | |
| 1954 | | | | | | | | | | | | | |
| 1955 | | | | | | | | | | | | | |
| 1956 | 20.7 | 20.7 | 20.7 | 20.8 | 20.8 | 20.9 | 20.9 | 21.0 | 21.1 | 21.1 | 21.2 | 21.3 | 20.9 |
| 1957 | 21.4 | 21.4 | 21.6 | 21.6 | 21.7 | 21.8 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.2 | 21.8 |
| 1958 | 22.3 | 22.4 | 22.4 | 22.5 | 22.6 | 22.6 | 22.7 | 22.7 | 22.8 | 22.8 | 22.8 | 22.8 | 22.6 |
| 1959 | 22.9 | 23.0 | 23.0 | 23.1 | 23.2 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.6 | 23.7 | 23.3 |
| 1960 | 23.7 | 23.8 | 23.9 | 23.9 | 24.0 | 24.0 | 24.1 | 24.1 | 24.2 | 24.2 | 24.3 | 24.3 | 24.0 |
| 1961 | 24.4 | 24.4 | 24.4 | 24.5 | 24.5 | 24.5 | 24.5 | 24.6 | 24.6 | 24.7 | 24.7 | 24.8 | 24.6 |
| 1962 | 24.8 | 24.8 | 24.9 | 24.9 | 25.0 | 25.0 | 25.1 | 25.1 | 25.1 | 25.1 | 25.2 | 25.2 | 25.0 |
| 1963 | 25.3 | 25.3 | 25.3 | 25.4 | 25.4 | 25.5 | 25.5 | 25.6 | 25.6 | 25.6 | 25.7 | 25.8 | 25.5 |
| 1964 | 25.8 | 25.8 | 25.8 | 25.9 | 25.9 | 26.0 | 26.0 | 26.0 | 26.0 | 26.1 | 26.2 | 26.2 | 26.0 |
| 1965 | 26.3 | 26.4 | 26.4 | 26.5 | 26.5 | 26.5 | 26.6 | 26.6 | 26.7 | 26.8 | 26.9 | 26.9 | 26.6 |
| 1966 | 27.0 | 27.0 | 27.1 | 27.3 | 27.4 | 27.5 | 27.7 | 27.7 | 27.9 | 28.0 | 28.2 | 28.2 | 27.6 |
| 1967 | 28.3 | 28.4 | 28.5 | 28.6 | 28.6 | 28.8 | 28.8 | 28.9 | 29.0 | 29.2 | 29.2 | 29.4 | 28.8 |
| 1968 | 29.5 | 29.6 | 29.8 | 29.9 | 30.0 | 30.2 | 30.4 | 30.6 | 30.7 | 30.9 | 31.0 | 31.2 | 30.3 |
| 1969 | 31.4 | 31.5 | 31.8 | 32.0 | 32.2 | 32.3 | 32.5 | 32.7 | 33.0 | 33.1 | 33.3 | 33.5 | 32.4 |
| 1970 | 33.8 | 34.0 | 34.4 | 34.6 | 34.8 | 35.0 | 35.2 | 35.4 | 35.6 | 35.8 | 36.0 | 36.2 | 35.1 |
| 1971 | 36.4 | 36.5 | 36.5 | 36.6 | 36.7 | 37.0 | 37.1 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.0 |
| 1972 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 38.4 |
| 1973 | 39.1 | 39.2 | 39.4 | 39.5 | 39.6 | 39.8 | 39.9 | 40.2 | 40.5 | 41.0 | 41.3 | 41.5 | 40.1 |
| 1974 | 41.8 | 42.0 | 42.4 | 42.6 | 43.1 | 43.5 | 44.0 | 44.5 | 45.0 | 45.4 | 45.8 | 46.2 | 43.9 |
| 1975 | 46.5 | 46.9 | 47.0 | 47.3 | 47.5 | 47.8 | 48.0 | 48.3 | 48.7 | 49.0 | 49.6 | 49.9 | 48.0 |
| 1976 | 50.5 | 50.8 | 51.1 | 51.3 | 51.4 | 51.7 | 52.1 | 52.4 | 52.8 | 53.1 | 53.4 | 53.7 | 52.0 |
| 1977 | 54.1 | 54.4 | 54.8 | 55.2 | 55.4 | 55.8 | 56.3 | 56.6 | 56.9 | 57.2 | 57.6 | 57.9 | 56.0 |
| 1978 | 58.3 | 58.7 | 59.1 | 59.6 | 60.0 | 60.5 | 61.0 | 61.5 | 62.1 | 62.6 | 63.1 | 63.3 | 60.8 |
| 1979 | 63.8 | 64.4 | 64.9 | 65.5 | 66.2 | 66.8 | 67.6 | 68.5 | 69.2 | 70.1 | 71.1 | 72.0 | 67.5 |
| 1980 | 73.1 | 74.1 | 75.4 | 76.6 | 77.6 | 79.0 | 78.5 | 78.5 | 79.0 | 80.0 | 81.1 | 82.2 | 77.9 |
| 1981 | 83.0 | 83.7 | 84.4 | 85.3 | 86.4 | 87.5 | 88.9 | 89.9 | 91.2 | 91.7 | 92.5 | 93.0 | 88.1 |
| 1982 | 93.5 | 93.9 | 94.0 | 94.9 | 95.7 | 96.5 | 97.0 | 97.6 | 97.6 | 97.9 | 97.7 | 96.9 | 96.1 |
| 1983 | 97.5 | 97.9 | 98.1 | 98.7 | 98.9 | 99.2 | 99.6 | 99.8 | 100.2 | 100.7 | 101.3 | 101.6 | 99.5 |
| 1984 | 102.1 | 102.6 | 103.0 | 103.5 | 103.9 | 104.2 | 104.9 | 105.4 | 105.9 | 106.3 | 106.7 | 107.1 | 104.6 |
| 1985 | 107.4 | 107.9 | 108.4 | 108.7 | 109.4 | 109.8 | 110.3 | 110.7 | 111.0 | 111.5 | 112.1 | 112.5 | 110.0 |
| 1986 | 113.1 | 113.5 | 114.1 | 114.6 | 114.9 | 115.5 | 115.7 | 116.1 | 116.5 | 116.8 | 117.2 | 117.5 | 115.5 |
| 1987 | 118.0 | 118.3 | 118.7 | 119.2 | 119.6 | 120.0 | 120.3 | 121.0 | 121.3 | 121.7 | 122.1 | 122.5 | 120.2 |
| 1988 | 123.2 | 123.6 | 124.0 | 124.5 | 124.9 | 125.4 | 125.9 | 126.4 | 126.9 | 127.4 | 127.9 | 128.5 | 125.7 |
| 1989 | 129.1 | 129.6 | 130.2 | 130.6 | 131.1 | 131.6 | 132.3 | 132.7 | 133.0 | 133.6 | 134.2 | 134.9 | 131.9 |

NSA Not seasonally adjusted

## Historical Data for Selected Series—Continued

| YEAR | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **120b. Change in Consumer Price Index for services (AR, percent)** | | | | | | | | | | | | | |
| 1948 | | | | | | | | | | | | | |
| 1949 | | | | | | | | | | | | | |
| 1950 | | | | | | | | | | | | | |
| 1951 | | | | | | | | | | | | | |
| 1952 | | | | | | | | | | | | | |
| 1953 | | | | | | | | | | | | | |
| 1954 | | | | | | | | | | | | | |
| 1955 | | | | | | | | | | | | | |
| 1956 | | 0 | 0 | 6.0 | 0 | 5.9 | 0 | 5.9 | 5.9 | 0 | 5.8 | 5.8 | |
| 1957 | 5.8 | 0 | 11.8 | 0 | 5.7 | 5.7 | 0 | 5.6 | 5.6 | 5.6 | 5.6 | 0 | 4.3 |
| 1958 | 5.5 | 5.5 | 0 | 5.5 | 5.5 | 0 | 5.4 | 0 | 5.4 | 0 | 0 | 0 | 2.7 |
| 1959 | 5.4 | 5.4 | 0 | 5.3 | 5.3 | 0 | 5.3 | 5.3 | 5.3 | 5.2 | 0 | 5.2 | 4.0 |
| 1960 | 0 | 5.2 | 5.2 | 0 | 5.1 | 0 | 5.1 | 0 | 5.1 | 0 | 5.1 | 0 | 2.6 |
| 1961 | 5.1 | 0 | 0 | 5.0 | 0 | 0 | 0 | 5.0 | 0 | 5.0 | 0 | 5.0 | 2.1 |
| 1962 | 0 | 0 | 4.9 | 0 | 4.9 | 0 | 4.9 | 0 | 0 | 0 | 4.9 | 0 | 1.6 |
| 1963 | 4.9 | 0 | 0 | 4.8 | 0 | 4.8 | 0 | 4.8 | 0 | 0 | 4.8 | 4.8 | 2.4 |
| 1964 | 0 | 0 | 0 | 4.8 | 0 | 4.7 | 0 | 0 | 0 | 4.7 | 4.7 | 0 | 1.6 |
| 1965 | 4.7 | 4.7 | 0 | 4.6 | 0 | 0 | 4.6 | 0 | 4.6 | 4.6 | 4.6 | 0 | 2.7 |
| 1966 | 4.6 | 0 | 4.5 | 9.2 | 4.5 | 4.5 | 9.1 | 0 | 9.0 | 4.4 | 8.9 | 0 | 4.9 |
| 1967 | 4.3 | 4.3 | 4.3 | 4.3 | 0 | 8.7 | 0 | 4.2 | 4.2 | 8.6 | 0 | 8.5 | 4.3 |
| 1968 | 4.2 | 4.1 | 8.4 | 4.1 | 4.1 | 8.3 | 8.2 | 8.2 | 4.0 | 8.1 | 4.0 | 8.0 | 6.1 |
| 1969 | 8.0 | 3.9 | 12.0 | 7.8 | 7.8 | 3.8 | 7.7 | 7.6 | 11.6 | 3.7 | 7.5 | 7.5 | 7.4 |
| 1970 | 11.3 | 7.3 | 15.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 8.1 |
| 1971 | 6.8 | 3.3 | 0 | 3.3 | 3.3 | 10.3 | 3.3 | 6.7 | 3.3 | 3.3 | 3.2 | 3.2 | 4.2 |
| 1972 | 6.6 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3.5 |
| 1973 | 3.1 | 3.1 | 6.3 | 3.1 | 3.1 | 6.2 | 3.1 | 9.4 | 9.3 | 15.9 | 9.1 | 6.0 | 6.5 |
| 1974 | 9.0 | 5.9 | 12.0 | 5.8 | 15.0 | 11.7 | 14.7 | 14.5 | 14.3 | 11.2 | 11.1 | 11.0 | 11.4 |
| 1975 | 8.1 | 10.8 | 2.6 | 7.9 | 5.2 | 7.8 | 5.1 | 7.8 | 10.4 | 7.6 | 15.7 | 7.5 | 8.0 |
| 1976 | 15.4 | 7.4 | 7.3 | 4.8 | 2.4 | 7.2 | 9.7 | 7.1 | 9.6 | 7.0 | 7.0 | 7.0 | 7.7 |
| 1977 | 9.3 | 6.9 | 9.2 | 9.1 | 4.4 | 9.0 | 11.3 | 6.6 | 6.5 | 6.5 | 8.7 | 6.4 | 7.8 |
| 1978 | 8.6 | 8.6 | 8.5 | 10.6 | 8.4 | 10.5 | 10.4 | 10.3 | 12.4 | 10.1 | 10.0 | 3.9 | 9.4 |
| 1979 | 9.9 | 11.9 | 9.7 | 11.7 | 13.6 | 11.4 | 15.4 | 17.2 | 13.0 | 16.8 | 18.5 | 16.3 | 13.8 |
| 1980 | 20.0 | 17.7 | 23.2 | 20.9 | 16.8 | 23.9 | −7.3 | 0 | 7.9 | 16.3 | 17.8 | 17.5 | 14.6 |
| 1981 | 12.3 | 10.6 | 10.5 | 13.6 | 16.6 | 16.4 | 21.0 | 14.4 | 18.8 | 6.8 | 11.0 | 6.7 | 13.2 |
| 1982 | 6.6 | 5.3 | 1.3 | 12.1 | 10.6 | 10.5 | 6.4 | 7.7 | 0 | 3.8 | −2.4 | −9.4 | 4.4 |
| 1983 | 7.7 | 5.0 | 2.5 | 7.6 | 2.5 | 3.7 | 4.9 | 2.4 | 4.9 | 6.2 | 7.4 | 3.6 | 4.9 |
| 1984 | 6.1 | 6.0 | 4.8 | 6.0 | 4.7 | 3.5 | 8.4 | 5.9 | 5.8 | 4.6 | 4.6 | 4.6 | 5.4 |
| 1985 | 3.4 | 5.7 | 5.7 | 3.4 | 8.0 | 4.5 | 5.6 | 4.4 | 3.3 | 5.5 | 6.7 | 4.4 | 5.0 |
| 1986 | 6.6 | 4.3 | 6.5 | 5.4 | 3.2 | 6.4 | 2.1 | 4.2 | 4.2 | 3.1 | 4.2 | 3.1 | 4.4 |
| 1987 | 5.2 | 3.1 | 4.1 | 5.2 | 4.1 | 4.1 | 3.0 | 7.2 | 3.0 | 4.0 | 4.0 | 4.0 | 4.2 |
| 1988 | 7.1 | 4.0 | 4.0 | 4.9 | 3.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 5.8 | 4.9 |
| 1989 | 5.7 | 4.7 | 5.7 | 3.7 | 4.7 | 4.7 | 6.6 | 3.7 | 2.7 | 5.5 | 5.5 | 6.4 | 5.0 |
| **120. Change in Consumer Price Index for services, smoothed (AR, percent) †** | | | | | | | | | | | | | |
| 1948 | | | | | | | | | | | | | |
| 1949 | | | | | | | | | | | | | |
| 1950 | | | | | | | | | | | | | |
| 1951 | | | | | | | | | | | | | |
| 1952 | | | | | | | | | | | | | |
| 1953 | | | | | | | | | | | | | |
| 1954 | | | | | | | | | | | | | |
| 1955 | | | | | | | | | | | | | |
| 1956 | | | | | | 2.3 | 3.0 | 3.4 | 3.9 | 3.7 | 3.9 | 4.3 | |
| 1957 | 4.7 | 4.3 | 5.1 | 4.8 | 4.8 | 4.9 | 4.3 | 4.2 | 4.2 | 4.5 | 4.8 | 4.3 | 4.6 |
| 1958 | 4.2 | 4.3 | 3.8 | 3.7 | 3.9 | 3.5 | 3.5 | 3.1 | 3.1 | 2.7 | 2.1 | 1.5 | 3.3 |
| 1959 | 1.6 | 2.2 | 2.3 | 2.7 | 3.3 | 3.2 | 3.4 | 3.8 | 4.2 | 4.6 | 4.2 | 4.1 | 3.3 |
| 1960 | 3.5 | 3.4 | 3.5 | 3.2 | 3.2 | 2.8 | 2.9 | 2.5 | 2.7 | 2.4 | 2.6 | 2.4 | 2.9 |
| 1961 | 2.6 | 2.4 | 1.9 | 2.1 | 1.9 | 1.5 | 1.1 | 1.4 | 1.4 | 1.8 | 1.9 | 2.3 | 1.9 |
| 1962 | 2.3 | 1.9 | 2.1 | 2.0 | 2.3 | 2.1 | 2.4 | 2.3 | 1.9 | 1.4 | 1.6 | 1.5 | 2.0 |
| 1963 | 1.9 | 1.9 | 1.6 | 1.9 | 1.8 | 2.1 | 2.1 | 2.4 | 2.2 | 1.9 | 2.0 | 2.5 | 2.0 |
| 1964 | 2.5 | 2.1 | 1.6 | 1.7 | 1.6 | 1.9 | 1.9 | 1.6 | 1.2 | 1.4 | 2.0 | 2.1 | 1.8 |
| 1965 | 2.5 | 3.0 | 2.9 | 3.1 | 2.8 | 2.2 | 2.2 | 1.9 | 2.1 | 2.5 | 3.1 | 3.0 | 2.6 |
| 1966 | 3.1 | 2.8 | 2.8 | 3.7 | 4.3 | 4.7 | 5.5 | 5.3 | 5.6 | 5.7 | 6.1 | 5.6 | 4.6 |
| 1967 | 5.1 | 4.7 | 4.4 | 4.2 | 3.5 | 3.8 | 3.5 | 3.4 | 3.4 | 4.2 | 4.0 | 4.5 | 4.1 |
| 1968 | 4.8 | 4.9 | 5.4 | 5.5 | 5.4 | 5.7 | 6.2 | 6.8 | 6.8 | 6.9 | 6.6 | 6.6 | 6.0 |
| 1969 | 6.8 | 6.5 | 7.1 | 7.5 | 7.8 | 7.4 | 7.3 | 7.2 | 7.8 | 7.5 | 7.4 | 7.3 | 7.3 |
| 1970 | 7.8 | 8.0 | 9.1 | 9.5 | 9.4 | 9.0 | 8.6 | 8.1 | 7.6 | 7.3 | 7.1 | 6.9 | 8.2 |
| 1971 | 6.8 | 6.2 | 5.1 | 4.2 | 3.5 | 4.1 | 4.3 | 4.7 | 4.8 | 4.6 | 4.3 | 4.0 | 4.7 |
| 1972 | 4.2 | 4.1 | 4.0 | 3.8 | 3.6 | 3.4 | 3.3 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3.5 |
| 1973 | 3.1 | 3.1 | 3.5 | 3.7 | 3.7 | 4.1 | 4.2 | 4.9 | 5.9 | 7.9 | 9.2 | 9.5 | 5.2 |
| 1974 | 9.6 | 9.2 | 9.3 | 8.9 | 9.5 | 10.1 | 11.1 | 12.2 | 13.0 | 13.3 | 13.2 | 12.8 | 11.0 |
| 1975 | 12.0 | 11.3 | 9.7 | 8.6 | 7.5 | 6.8 | 6.2 | 6.1 | 6.6 | 7.0 | 8.4 | 9.1 | 8.3 |
| 1976 | 10.4 | 10.7 | 10.5 | 9.5 | 8.0 | 7.1 | 6.8 | 6.7 | 7.1 | 7.2 | 7.3 | 7.3 | 8.2 |
| 1977 | 7.6 | 7.7 | 7.9 | 8.2 | 7.9 | 7.8 | 8.3 | 8.3 | 8.1 | 7.7 | 7.7 | 7.5 | 7.9 |
| 1978 | 7.5 | 7.7 | 7.9 | 8.4 | 8.6 | 9.1 | 9.5 | 9.9 | 10.4 | 10.7 | 10.8 | 9.9 | 9.2 |
| 1979 | 9.4 | 9.4 | 9.5 | 9.8 | 10.5 | 11.0 | 11.9 | 13.2 | 13.9 | 14.7 | 15.7 | 16.3 | 12.1 |
| 1980 | 17.2 | 17.8 | 18.9 | 19.8 | 19.9 | 20.5 | 17.1 | 12.8 | 9.7 | 8.7 | 9.4 | 10.8 | 15.2 |
| 1981 | 11.9 | 12.3 | 12.4 | 12.5 | 13.2 | 14.0 | 15.4 | 16.1 | 16.9 | 16.0 | 14.8 | 13.0 | 14.0 |
| 1982 | 11.1 | 9.2 | 7.0 | 6.4 | 6.6 | 7.3 | 7.5 | 7.7 | 6.8 | 5.8 | 4.2 | 1.4 | 6.8 |
| 1983 | .6 | .7 | 1.0 | 2.1 | 2.8 | 3.3 | 3.8 | 3.9 | 4.1 | 4.5 | 5.1 | 5.3 | 3.1 |
| 1984 | 5.5 | 5.7 | 5.7 | 5.7 | 5.6 | 5.2 | 5.5 | 5.6 | 5.8 | 5.7 | 5.5 | 5.3 | 5.6 |
| 1985 | 4.9 | 4.8 | 4.8 | 4.7 | 5.0 | 5.2 | 5.3 | 5.3 | 5.0 | 4.9 | 5.1 | 5.1 | 5.0 |
| 1986 | 5.3 | 5.3 | 5.5 | 5.5 | 5.3 | 5.3 | 4.8 | 4.5 | 4.3 | 4.0 | 3.8 | 3.6 | 4.8 |
| 1987 | 3.7 | 3.7 | 3.8 | 4.0 | 4.1 | 4.2 | 4.1 | 4.4 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 |
| 1988 | 4.6 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.6 | 4.7 | 4.7 | 4.8 | 4.8 | 5.0 | 4.7 |
| 1989 | 5.2 | 5.2 | 5.3 | 5.1 | 5.0 | 4.9 | 5.0 | 4.9 | 4.6 | 4.5 | 4.6 | 4.9 | 4.9 |

† Data are smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

AR Annual rate

## Business Cycle Expansions and Contractions

| Business cycle reference dates | | Duration in months | | | |
|---|---|---|---|---|---|
| | | | | Cycle | |
| Trough | Peak | Contraction (trough from previous peak) | Expansion (trough to peak) | Trough from previous trough | Peak from previous peak |
| December 1854 | June 1857 | ..... | 30 | ..... | ..... |
| December 1858 | October 1860 | 18 | 22 | 48 | 40 |
| June 1861 | April 1865 | 8 | ***46*** | 30 | ***54*** |
| December 1867 | June 1869 | ***32*** | 18 | ***78*** | 50 |
| December 1870 | October 1873 | 18 | 34 | 36 | 52 |
| March 1879 | March 1882 | 65 | 36 | 99 | 101 |
| May 1885 | March 1887 | 38 | 22 | 74 | 60 |
| April 1888 | July 1890 | 13 | 27 | 35 | 40 |
| May 1891 | January 1893 | 10 | 20 | 37 | 30 |
| June 1894 | December 1895 | 17 | 18 | 37 | 35 |
| June 1897 | June 1899 | 18 | 24 | 36 | 42 |
| December 1900 | September 1902 | 18 | 21 | 42 | 39 |
| August 1904 | May 1907 | 23 | 33 | 44 | 56 |
| June 1908 | January 1910 | 13 | 19 | 46 | 32 |
| January 1912 | January 1913 | 24 | 12 | 43 | 36 |
| December 1914 | August 1918 | 23 | ***44*** | 35 | ***67*** |
| March 1919 | January 1920 | ***7*** | 10 | ***51*** | 17 |
| July 1921 | May 1923 | 18 | 22 | 28 | 40 |
| July 1924 | October 1926 | 14 | 27 | 36 | 41 |
| November 1927 | August 1929 | 13 | 21 | 40 | 34 |
| March 1933 | May 1937 | 43 | 50 | 64 | 93 |
| June 1938 | February 1945 | 13 | ***80*** | 63 | ***93*** |
| October 1945 | November 1948 | ***8*** | ***37*** | ***88*** | 45 |
| October 1949 | July 1953 | 11 | ***45*** | 48 | ***56*** |
| May 1954 | August 1957 | ***10*** | 39 | ***55*** | 49 |
| April 1958 | April 1960 | 8 | 24 | 47 | 32 |
| February 1961 | December 1969 | 10 | ***106*** | 34 | ***116*** |
| November 1970 | November 1973 | ***11*** | 36 | ***117*** | 47 |
| March 1975 | January 1980 | 16 | 58 | 52 | 74 |
| July 1980 | July 1981 | 6 | 12 | 64 | 18 |
| November 1982 | ..... | 16 | ..... | 28 | ..... |
| **Average, all cycles:** | | | | | |
| 1854-1982 (30 cycles) | | 18 | 33 | 51 | [1] 51 |
| 1854-1919 (16 cycles) | | 22 | 27 | 48 | [2] 49 |
| 1919-1945 (6 cycles) | | 18 | 35 | 53 | 53 |
| 1945-1982 (8 cycles) | | 11 | 45 | 56 | 55 |
| **Average, peacetime cycles:** | | | | | |
| 1854-1982 (25 cycles) | | 19 | 27 | 46 | [3] 46 |
| 1854-1919 (14 cycles) | | 22 | 24 | 46 | [4] 47 |
| 1919-1945 (5 cycles) | | 20 | 26 | 46 | 45 |
| 1945-1982 (6 cycles) | | 11 | 34 | 46 | 44 |

1. 29 cycles.
2. 15 cycles.
3. 24 cycles.
4. 13 cycles.

NOTE.—Figures printed in bold italic are the wartime expansions (Civil War, World Wars I and II, Korean war, and Vietnam war), the postwar contractions, and the full cycles that include the wartime expansions.

Source: National Bureau of Economic Research, Inc.

## Specific Peak and Trough Dates for Selected Indicators

| Series no. | Series title | Specific peak dates corresponding to reference peaks in— | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | July 1981 | Jan. 1980 | Nov. 1973 | Dec. 1969 | Apr. 1960 | Aug. 1957 | July 1953 |
| | **LEADING INDICATORS** | | | | | | | |
| 1 | Average weekly hours, mfg. | 12/80 (–7) | 3/79 (–10) | 4/73 (–7) | 10/68 (–14) | 5/59 (–11) | 11/55 (–21) | 4/53 (–3) |
| 5 | Average weekly initial claims (inverted) | 7/81 (0) | 9/78 (–16) | 2/73 (–9) | 1/69 (–11) | 4/59 (–12) | 9/55 (–23) | 9/52 (–10) |
| 8 | Mfrs.' new orders in 1982 dollars, consumer goods and materials | 10/80 (–9) | 12/78 (–13) | 3/73 (–8) | 11/68 (–13) | 2/59 (–14) | 7/55 (–25) | 4/53 (–3) |
| 32 | Vendor performance, slower deliveries diffusion index | 4/81 (–3) | 4/79 (–9) | 11/73 (0) | 8/69 (–4) | 2/59 (–14) | 4/55 (–28) | 7/52 (–12) |
| 20 | Contracts and orders for plant and equipment in 1982 dollars | 4/81 (–3) | 3/79 (–10) | 10/73 (–1) | 4/69 (–8) | 3/59 (–13) | 11/56 (–9) | 2/53 (–5) |
| 29 | Building permits, new private housing units | 9/80 (–10) | 6/78 (–19) | 12/72 (–11) | 2/69 (–10) | 11/58 (–17) | 2/55 (–30) | 11/52 (–8) |
| 92 | Change in mfrs.' unfilled orders in 1982 dollars, durable goods (smoothed [1]) | 12/80 (–7) | 12/78 (–13) | 5/73 (–6) | 5/69 (–7) | 4/59 (–12) | 1/56 (–19) | 5/51 (–26) |
| 99 | Change in sensitive materials prices (smoothed [1]) | 12/80 (–7) | 5/79 (–8) | 1/74 (+2) | 2/69 (–10) | 11/58 (–17) | 8/55 (–24) | 6/53 (–1) |
| 19 | Index of stock prices, 500 common stocks | 11/80 (–8) | NST | 1/73 (–10) | 12/68 (–12) | 7/59 (–9) | 7/56 (–13) | 1/53 (–6) |
| 106 | Money supply M2 in 1982 dollars | NST | 1/78 (–24) | 1/73 (–10) | 1/69 (–11) | NST | 1/56 (–19) | NST |
| 83 | Index of consumer expectations | 5/81 (–2) | 11/76 (–38) | 8/72 (–15) | 2/69 (–10) | 2/60 (–2) | 11/56 (–9) | 2/53 (–5) |
| 910 | Composite index of 11 leading indicators | 5/81 (–2) | 10/78 (–15) | 3/73 (–8) | 4/69 (–8) | 6/59 (–10) | 12/55 (–20) | 2/53 (–5) |
| 940 | Ratio, coincident index to lagging index | 10/80 (–9) | 4/78 (–21) | 12/72 (–11) | 11/68 (–13) | 4/59 (–12) | 5/55 (–27) | 10/52 (–9) |
| | **COINCIDENT INDICATORS** | | | | | | | |
| 41 | Employees on nonagricultural payrolls | 7/81 (0) | 3/80 (+2) | 10/74 (+11) | 3/70 (+3) | 4/60 (0) | 3/57 (–5) | 6/53 (–1) |
| 51 | Personal income less transfer payments in 1982 dollars | 8/81 (+1) | 1/80 (0) | 11/73 (0) | NST | 6/60 (+2) | 8/57 (0) | 10/53 (+3) |
| 47 | Index of industrial production | 7/81 (0) | 3/80 (+2) | 11/73 (0) | 10/69 (–2) | 1/60 (–3) | 3/57 (–5) | 7/53 (0) |
| 57 | Mfg. and trade sales in 1982 dollars | 1/81 (–6) | 3/79 (–10) | 11/73 (0) | 10/69 (–2) | 1/60 (–3) | 2/57 (–6) | 4/53 (–3) |
| 920 | Composite index of 4 coincident indicators | 7/81 (0) | 1/80 (0) | 11/73 (0) | 10/69 (–2) | 1/60 (–3) | 2/57 (–6) | 7/53 (0) |
| | **LAGGING INDICATORS** | | | | | | | |
| 91 | Average duration of unemployment (inverted) | 12/81 (+5) | 7/79 (–6) | 9/73 (–2) | 10/69 (–2) | 6/60 (+2) | 9/57 (+1) | 9/53 (+2) |
| 77 | Ratio, mfg. and trade inventories to sales in 1982 dollars | 10/82 (+15) | 6/80 (+5) | 3/75 (+16) | 11/70 (+11) | 1/61 (+9) | 4/58 (+8) | 12/53 (+5) |
| 62 | Change in index of labor cost per unit of output, mfg. (smoothed [1]) | 1/82 (+6) | 6/80 (+5) | 3/75 (+16) | 1/70 (+1) | 2/61 (+10) | 3/58 (+7) | 1/54 (+6) |
| 109 | Average prime rate charged by banks | 8/81 (+1) | 4/80 (+3) | 9/74 (+10) | 2/70 (+2) | 7/60 (+3) | 12/57 (+4) | 2/54 (+7) |
| 101 | Commercial and industrial loans outstanding in 1982 dollars | 9/82 (+14) | 3/80 (+2) | 9/74 (+10) | 8/70 (+8) | NST | 9/57 (+1) | 6/53 (–1) |
| 95 | Ratio, consumer installment credit to personal income | NST | 11/79 (–2) | 4/74 (+5) | NST | 12/60 (+8) | 1/58 (+5) | 4/54 (+9) |
| 120 | Change in Consumer Price Index for services (smoothed [1]) | 9/81 (+2) | 6/80 (+5) | 10/74 (+11) | 4/70 (+4) | 10/59 (–6) | 3/57 (–5) | n.a. |
| 930 | Composite index of 7 lagging indicators | 9/81 (+2) | 4/80 (+3) | 12/74 (+13) | 3/70 (+3) | 7/60 (+3) | 12/57 (+4) | 12/53 (+5) |

| Series no. | Series title | Specific trough dates corresponding to reference troughs in— | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Nov. 1982 | July 1980 | Mar. 1975 | Nov. 1970 | Feb. 1961 | Apr. 1958 | May 1954 |
| | **LEADING INDICATORS** | | | | | | | |
| 1 | Average weekly hours, mfg. | 10/82 (–1) | 7/80 (0) | 3/75 (0) | 9/70 (–2) | 12/60 (–2) | 4/58 (0) | 4/54 (–1) |
| 5 | Average weekly initial claims (inverted) | 9/82 (–2) | 5/80 (–2) | 3/75 (0) | 10/70 (–1) | 2/61 (0) | 4/58 (0) | 9/54 (+4) |
| 8 | Mfrs.' new orders in 1982 dollars, consumer goods and materials | 10/82 (–1) | 6/80 (–1) | 3/75 (0) | 11/70 (0) | 1/61 (–1) | 4/58 (0) | 10/53 (–7) |
| 32 | Vendor performance, slower deliveries diffusion index | 3/82 (–8) | 5/80 (–2) | 2/75 (–1) | 12/70 (+1) | 3/60 (–11) | 12/57 (–4) | 11/53 (–6) |
| 20 | Contracts and orders for plant and equipment in 1982 dollars | 8/82 (–3) | 5/80 (–2) | 12/75 (+9) | 10/70 (–1) | 3/61 (+1) | 3/58 (–1) | 3/54 (–2) |
| 29 | Building permits, new private housing units | 10/81 (–13) | 4/80 (–3) | 3/75 (0) | 1/70 (–10) | 12/60 (–2) | 2/58 (–2) | 9/53 (–8) |
| 92 | Change in mfrs.' unfilled orders in 1982 dollars, durable goods (smoothed [1]) | 9/82 (–2) | 6/80 (–1) | 4/75 (+1) | 8/70 (–3) | 5/60 (–9) | 2/58 (–2) | 12/53 (–5) |
| 99 | Change in sensitive materials prices (smoothed [1]) | 4/82 (–7) | 7/80 (0) | 1/75 (–2) | 9/70 (–2) | 1/61 (–1) | 1/58 (–3) | 1/54 (–4) |
| 19 | Index of stock prices, 500 common stocks | 7/82 (–4) | NST | 12/74 (–3) | 6/70 (–5) | 10/60 (–4) | 12/57 (–4) | 9/53 (–8) |
| 106 | Money supply M2 in 1982 dollars | NST | 5/80 (–2) | 1/75 (–2) | 4/70 (–7) | NST | 1/58 (–3) | NST |
| 83 | Index of consumer expectations | 3/82 (–8) | 3/80 (–4) | 2/75 (–1) | 5/70 (–6) | 11/60 (–3) | 5/58 (+1) | 11/53 (–6) |
| 910 | Composite index of 11 leading indicators | 1/82 (–10) | 5/80 (–2) | 2/75 (–1) | 10/70 (–1) | 4/60 (–10) | 2/58 (–2) | 11/53 (–6) |
| 940 | Ratio, coincident index to lagging index | 1/82 (–10) | 5/80 (–2) | 3/75 (0) | 11/70 (0) | 2/61 (0) | 3/58 (–1) | 12/53 (–5) |
| | **COINCIDENT INDICATORS** | | | | | | | |
| 41 | Employees on nonagricultural payrolls | 12/82 (+1) | 7/80 (0) | 4/75 (+1) | 11/70 (0) | 2/61 (0) | 5/58 (+1) | 8/54 (+3) |
| 51 | Personal income less transfer payments in 1982 dollars | 9/82 (–2) | 7/80 (0) | 2/75 (–1) | NST | 12/60 (–2) | 4/58 (0) | 4/54 (–1) |
| 47 | Index of industrial production | 12/82 (+1) | 7/80 (0) | 3/75 (0) | 11/70 (0) | 2/61 (0) | 4/58 (0) | 4/54 (–1) |
| 57 | Mfg. and trade sales in 1982 dollars | 10/82 (–1) | 6/80 (–1) | 3/75 (0) | 11/70 (0) | 1/61 (–1) | 4/58 (0) | 12/53 (–5) |
| 920 | Composite index of 4 coincident indicators | 12/82 (+1) | 7/80 (0) | 3/75 (0) | 11/70 (0) | 2/61 (0) | 4/58 (0) | 8/54 (+3) |
| | **LAGGING INDICATORS** | | | | | | | |
| 91 | Average duration of unemployment (inverted) | 7/83 (+8) | 1/81 (+6) | 1/76 (+10) | 6/72 (+19) | 7/61 (+5) | 10/58 (+6) | 5/55 (+12) |
| 77 | Ratio, mfg. and trade inventories to sales in 1982 dollars | 1/84 (+14) | 1/81 (+6) | 11/78 (+44) | 2/73 (+27) | 4/62 (+14) | 5/59 (+13) | 4/55 (+11) |
| 62 | Change in index of labor cost per unit of output, mfg. (smoothed [1]) | 8/83 (+9) | 7/81 (+12) | 11/75 (+8) | 11/71 (+12) | 9/61 (+7) | 11/58 (+7) | 4/55 (+11) |
| 109 | Average prime rate charged by banks | 7/83 (+8) | 8/80 (+1) | 4/77 (+25) | 3/72 (+16) | 11/65 (+57) | 8/58 (+4) | 7/55 (+14) |
| 101 | Commercial and industrial loans outstanding in 1982 dollars | 10/83 (+11) | 3/81 (+8) | 9/76 (+18) | 2/72 (+15) | NST | 8/58 (+4) | 8/54 (+3) |
| 95 | Ratio, consumer installment credit to personal income | 11/82 (0) | NST | 2/76 (+11) | NST | 11/61 (+9) | 11/58 (+7) | 11/54 (+6) |
| 120 | Change in Consumer Price Index for services (smoothed [1]) | 1/83 (+2) | 10/80 (+3) | 8/75 (+5) | 2/73 (+27) | 7/61 (+5) | 12/58 (+8) | n.a. |
| 930 | Composite index of 7 lagging indicators | 6/83 (+7) | 10/80 (+3) | 6/76 (+15) | 2/72 (+15) | 8/61 (+6) | 8/58 (+4) | 2/55 (+9) |

NOTE.—Specific peak and trough dates mark the cyclical turning points in individual series; reference peak and trough dates mark the cyclical turning points in overall business activity. For the composite indexes and their components, this table lists the specific peaks and troughs corresponding to the last seven business cycles. The leads (–) or lags (+) of the specific dates in relation to the reference dates are shown in parentheses (in months). These specific dates should not be considered absolute; individual analysts may prefer alternative turning points for some series. See *Measuring Business Cycles* by Arthur F. Burns and Wesley C. Mitchell (National Bureau of Economic Research, 1946) for detailed information on the selection of specific peaks and troughs.

n.a. Not available. This indicates that data necessary to determine a turning point are not available.

NST No specific turn. This indicates that no specific turning point corresponding to the indicated reference date is discernible.

1. This series is smoothed by an autoregressive-moving-average filter developed by Statistics Canada.

# TITLES AND SOURCES OF SERIES

Series are listed below in numerical order within each of the two major groups. Series numbers are for identification only and do not reflect relationships or order among the series. "M" following a series title indicates monthly data; "Q" indicates quarterly data. Data apply to the whole period except when indicated by "EOM" (end of month) or "EOQ" (end of quarter).

To save space, the commonly used sources listed below are referred to by number:

Source 1—U.S. Department of Commerce, Bureau of Economic Analysis; Source 2—U.S. Department of Commerce, Bureau of the Census; Source 3—U.S. Department of Labor, Bureau of Labor Statistics; Source 4—Board of Governors of the Federal Reserve System.

In parentheses following the source for each series is a reference to the C-page(s) on which that series appears. References to data tables are in roman type; references to charts are in bold-italic type.

## 1. Cyclical Indicators

1. **Average weekly hours of production or nonsupervisory workers, manufacturing** (M).—Source 3 (2,*9*)
5. **Average weekly initial claims for unemployment insurance, State programs** (M).—U.S. Department of Labor, Employment and Training Administration; seasonal adjustment by Bureau of Economic Analysis (2,*9*)
7. **Manufacturers' new orders in 1982 dollars, durable goods industries** (M).—Sources 1 and 2 (2,*15*)
8. **Manufacturers' new orders in 1982 dollars, consumer goods and materials industries** (M).—Sources 1 and 2 (2,*9*)
9. **Construction contracts awarded for commercial and industrial buildings, floor space** (M).—McGraw-Hill Information Systems Company; seasonal adjustment by Bureau of Economic Analysis (Used by permission. This series may not be reproduced without written permission from the source.) (2,*16*)
10. **Contracts and orders for plant and equipment in current dollars** (M).—Sources 1, 2, and McGraw-Hill Information Systems Company (2)
11. **Newly approved capital appropriations, 1,000 manufacturing corporations** (Q).—The Conference Board (2)
12. **Index of net business formation** (M).—Source 1 and Dun & Bradstreet, Inc. (2,*16*)
13. **Number of new business incorporations** (M).—Dun & Bradstreet, Inc.; seasonal adjustment by Bureau of Economic Analysis (2,*16*)
14. **Current liabilities of business failures** (M).—Dun & Bradstreet, Inc. (4)
16. **Corporate profits after tax in current dollars** (Q).—Source 1 (3,*19*)
18. **Corporate profits after tax in 1982 dollars** (Q).—Source 1 (3,*19*)
19. **Index of stock prices, 500 common stocks** (M).—Standard & Poor's Corporation (3,5,*10*,*24*)
20. **Contracts and orders for plant and equipment in 1982 dollars** (M).—Sources 1, 2, and McGraw-Hill Information Systems Company (2,*9*)
21. **Average weekly overtime hours of production or nonsupervisory workers, manufacturing** (M).—Source 3 (2,*13*)
22. **Ratio, corporate domestic profits after tax to total corporate domestic income** (Q).—Source 1 (3,*19*)
23. **Index of spot market prices, raw industrial materials** (M).—Source 3 and Commodity Research Bureau, Inc. (Used by permission. From June 1981 forward, this series may not be reproduced without written permission from Commodity Research Bureau, Inc.) (3,*19*)
26. **Ratio, implicit price deflator to unit labor cost, nonfarm business sector** (Q).—Sources 1 and 3 (3,*19*)
27. **Manufacturers' new orders in 1982 dollars, nondefense capital goods industries** (M).—Sources 1 and 2 (2,*16*)
28. **New private housing units started** (M).—Source 2 (3,*18*)
29. **Index of new private housing units authorized by local building permits** (M).—Source 2 (3,*10*)
30. **Change in business inventories in 1982 dollars** (Q).—Source 1 (3,*18*)
31. **Change in manufacturing and trade inventories** (M).—Sources 1 and 2 (3,*18*)
32. **Vendor performance, slower deliveries diffusion index** (M).—National Association of Purchasing Management and Purchasing Management Association of Chicago (2,*9*)
35. **Corporate net cash flow in 1982 dollars** (Q).—Source 1 (3)
37. **Number of persons unemployed** (M).—Source 3 (2)
39. **Percent of consumer installment loans delinquent 30 days and over** (EOM).—American Bankers Association (4)
40. **Employees on nonagricultural payrolls, goods-producing industries** (M).—Source 3 (2,*13*)
41. **Employees on nonagricultural payrolls** (M).—Source 3 (2,*11*)
42. **Number of persons engaged in nonagricultural activities** (M).—Source 3 (2)
43. **Civilian unemployment rate** (M).—Source 3 (2,*13*)
44. **Unemployment rate, persons unemployed 15 weeks and over** (M).—Source 3 (2)
45. **Average weekly insured unemployment rate, State programs** (M).—U.S. Department of Labor, Employment and Training Administration (2)
46. **Index of help-wanted advertising in newspapers** (M).—The Conference Board (2,*13*)
47. **Index of industrial production** (M).—Source 4 (2,5,*11*,*23*)
48. **Employee hours in nonagricultural establishments** (M).—Source 3 (2,*13*)
49. **Value of goods output in 1982 dollars** (Q).—Source 1 (2)
50. **Gross national product in 1982 dollars** (Q).—Source 1 (2,*14*)
51. **Personal income less transfer payments in 1982 dollars** (M).—Source 1 (2,*11*)
52. **Personal income in 1982 dollars** (M).—Source 1 (2)
53. **Wages and salaries in 1982 dollars, mining, manufacturing, and construction** (M).—Source 1 (2,*14*)
57. **Manufacturing and trade sales in 1982 dollars** (M).—Sources 1 and 2 (2,*11*)
58. **Index of consumer sentiment** (Q,M).—University of Michigan, Survey Research Center (Used by permission. This series may not be reproduced without written permission from the source.) (2)
59. **Sales of retail stores in 1982 dollars** (M).—Sources 1 and 2 (2,*15*)
60. **Ratio, help-wanted advertising in newspapers to number of persons unemployed** (M).—Sources 1, 3, and The Conference Board (2)
61. **New plant and equipment expenditures by business in current dollars** (Q).—Source 2 (3)
62. **Change in index of labor cost per unit of output, manufacturing, smoothed** (M).—Sources 1 and 4 (3,*12*)
63. **Index of unit labor cost, business sector** (Q).—Source 3 (3)
66. **Consumer installment credit outstanding** (EOM).—Source 4 (4)
69. **Manufacturers' machinery and equipment sales and business construction expenditures** (M).—Source 2 (3,*17*)
70. **Manufacturing and trade inventories in 1982 dollars** (EOM).—Sources 1 and 2 (3)
72. **Commercial and industrial loans outstanding in current dollars** (M).—Sources 1, 4, and The Federal Reserve Bank of New York (4)
73. **Index of industrial production, durable manufactures** (M).—Source 4 (2,*14*)
74. **Index of industrial production, nondurable manufactures** (M).—Source 4 (2,*14*)
75. **Index of industrial production, consumer goods** (M).—Source 4 (2,*15*)
76. **Index of industrial production, business equipment** (M).—Source 4 (3,*17*)
77. **Ratio, manufacturing and trade inventories to sales in 1982 dollars** (M).—Sources 1 and 2 (3,*12*)
81. **Ratio, corporate domestic profits after tax with inventory valuation and capital consumption adjustments to total corporate domestic income** (Q).—Source 1 (3,*19*)
82. **Capacity utilization rate, manufacturing** (M).—Source 4 (2,*14*)
83. **Index of consumer expectations** (Q,M).—University of Michigan, Survey Research Center (Used by permission. This series may not be reproduced without written permission from the source.) (2,*10*)
85. **Change in money supply M1** (M).—Source 4 (3,*20*)
86. **Gross private nonresidential fixed investment in 1982 dollars** (Q).—Source 1 (3,*17*)
87. **Gross private nonresidential fixed investment in 1982 dollars, structures** (Q).—Source 1 (3,*17*)
88. **Gross private nonresidential fixed investment in 1982 dollars, producers' durable equipment** (Q).—Source 1 (3,*17*)
89. **Gross private residential fixed investment in 1982 dollars** (Q).—Source 1 (3,*18*)
90. **Ratio, civilian employment to population of working age** (M).—Sources 1 and 3 (2,*13*)
91. **Average duration of unemployment in weeks** (M).—Source 3 (2,*12*)
92. **Change in manufacturers' unfilled orders in 1982 dollars, durable goods industries, smoothed** (M).—Sources 1, 2, and 3 (2,*10*)
93. **Free reserves** (M).—Source 4 (4)
94. **Member bank borrowings from the Federal Reserve** (M).—Source 4 (4)
95. **Ratio, consumer installment credit outstanding to personal income** (M).—Sources 1 and 4 (4,*12*)
97. **Backlog of capital appropriations, 1,000 manufacturing corporations** (EOQ).—The Conference Board (2)
98. **Index of producer prices for sensitive crude and intermediate materials** (M).—Sources 1 and 3 (3)
99. **Change in sensitive materials prices, smoothed** (M).—Sources 1, 3, and Commodity Research Bureau, Inc. (3,*10*)

**100. New plant and equipment expenditures by business in 1982 dollars** (Q).—Source 2 (3,*17*)
**101. Commercial and industrial loans outstanding in 1982 dollars** (M).—Sources 1, 4, and The Federal Reserve Bank of New York (4,*12*)
**102. Change in money supply M2** (M).—Source 4 (3,*20*)
**105. Money supply M1 in 1982 dollars** (M).—Sources 1 and 4 (3)
**106. Money supply M2 in 1982 dollars** (M).—Sources 1 and 4 (3,*10*)
**107. Ratio, gross national product to money supply M1** (Q).—Sources 1 and 4 (4)
**108. Ratio, personal income to money supply M2** (M).—Sources 1 and 4 (4)
**109. Average prime rate charged by banks** (M).—Source 4 (4,*12*)
**110. Funds raised by private nonfinancial borrowers in credit markets** (Q).—Source 4 (4,*20*)
**111. Change in business and consumer credit outstanding** (M).—Sources 1, 4, Federal Home Loan Bank Board, and The Federal Reserve Bank of New York (4)
**112. Net change in business loans** (M).—Sources 1, 4, and The Federal Reserve Bank of New York (4,*20*)
**113. Net change in consumer installment credit** (M).—Source 4 (4,*20*)
**114. Discount rate on new issues of 91-day Treasury bills** (M).—Source 4 (4,*21*)
**115. Yield on long-term Treasury bonds** (M).—U.S. Department of the Treasury (4,*21*)
**116. Yield on new issues of high-grade corporate bonds** (M).—Citibank and U.S. Department of the Treasury (4,*21*)
**117. Yield on municipal bonds, 20-bond average** (M).—The Bond Buyer (4)
**118. Secondary market yields on FHA mortgages** (M).—U.S. Department of Housing and Urban Development, Federal Housing Administration (4)
**119. Federal funds rate** (M).—Source 4 (4,*21*)
**120. Change in Consumer Price Index for services, smoothed** (M).—Sources 1 and 2 (3,*12*)
**122. Index of consumer confidence** (M).—The Conference Board (2)
**123. Index of consumer expectations** (M).—The Conference Board (2,*15*)
**124. Capacity utilization rate, total industry** (M).—Source 4 (2)

**910. Composite index of 11 leading indicators** (includes series 1, 5, 8, 19, 20, 29, 32, 83, 92, 99, 106) (M).—Source 1 (1,*7*,*8*)
**920. Composite index of 4 coincident indicators** (includes series 41, 47, 51, 57) (M).—Source 1 (1,*7*,*8*)
**930. Composite index of 7 lagging indicators** (includes series 62, 77, 91, 95, 101, 109, 120) (M).—Source 1 (1,*7*,*8*)
**940. Ratio, coincident composite index (series 920) to lagging composite index (series 930)** (M).—Source 1 (1,*7*)
**950. Diffusion index of 11 leading indicator components** (M).—Source 1 (1,*8*)
**951. Diffusion index of 4 coincident indicator components** (M).—Source 1 (1,*8*)
**952. Diffusion index of 7 lagging indicator components** (M).—Source 1 (1,*8*)
**963. Diffusion index of employees on private nonagricultural payrolls, 349 industries** (M).—Source 3 (2)
**990. CIBCR long-leading composite index** (M).—Columbia University, Center for International Business Cycle Research (4,*21*)
**991. CIBCR short-leading composite index** (M).—Columbia University, Center for International Business Cycle Research (4,*21*)

## 2. Other Important Economic Measures

**290. Gross saving** (Q).—Source 1 (4)
**292. Personal saving** (Q).—Source 1 (4)
**293. Personal saving rate** (Q).—Source 1 (4,*22*)
**295. Business saving** (Q).—Source 1 (4)
**298. Government surplus or deficit** (Q).—Source 1 (4,*22*)

**310. Implicit price deflator for gross national product** (Q).—Source 1 (4)
**311. Fixed-weighted price index, gross domestic business product** (Q).—Source 1 (4,*22*)
**320. Consumer Price Index for all urban consumers, all items** (M).—Source 3 (4,*5*,*22*,*23*)
**323. Consumer Price Index for all urban consumers, all items less food and energy** (M).—Source 3 (4,*22*)
**331. Producer Price Index, crude materials for further processing** (M).—Source 3 (4,*22*)
**332. Producer Price Index, intermediate materials, supplies, and components** (M).—Source 3 (4,*22*)
**333. Producer Price Index, capital equipment** (M).—Source 3 (4,*22*)
**334. Producer Price Index, finished consumer goods** (M).—Source 3 (4,*22*)
**336. Producer Price Index, finished goods** (M).—Source 3 (4,*22*)
**337. Producer Price Index, finished goods less foods and energy** (M).—Source 3 (4,*22*)
**345. Index of average hourly compensation, all employees, nonfarm business sector** (Q).—Source 3 (5)
**346. Index of real average hourly compensation, all employees, nonfarm business sector** (Q).—Source 3 (5)
**358. Index of output per hour, all persons, nonfarm business sector** (Q).—Source 3 (5)
**370. Index of output per hour, all persons, business sector** (Q).—Source 3 (5,*22*)
**441. Civilian labor force** (M).—Source 3 (5)
**442. Civilian employment** (M).—Source 3 (5)
**451. Civilian labor force participation rate, males 20 years and over** (M).—Source 3 (5)
**452. Civilian labor force participation rate, females 20 years and over** (M).—Source 3 (5)
**453. Civilian labor force participation rate, both sexes 16–19 years of age** (M)—Source 3 (5)

**517. Defense Department gross obligations incurred** (M).—U.S. Department of Defense, Office of the Assistant Secretary of Defense (Comptroller), Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (5)
**525. Defense Department prime contract awards for work performed in the United States** (M).—U.S. Department of Defense, Office of the Assistant Secretary of Defense (Comptroller), Washington Headquarters Services, Directorate for Information Operations and Reports; seasonal adjustment by Bureau of Economic Analysis (5)
**543. Defense Department gross unpaid obligations outstanding** (EOM).—U.S. Department of Defense, Office of the Assistant Secretary of Defense (Comptroller), Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (5)
**548. Manufacturers' new orders, defense products** (M).—Source 2 (5)
**557. Index of industrial production, defense and space equipment** (M).—Source 4 (5)
**564. Federal Government purchases of goods and services, national defense** (Q).—Source 1 (5,*22*)
**570. Employment, defense products industries** (M).—Source 3; seasonal adjustment by Bureau of Economic Analysis (5)

**602. Exports, excluding military aid shipments** (M).—Source 2 (5)
**604. Exports of domestic agricultural products** (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (5)
**606. Exports of nonelectrical machinery** (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (5)
**612. General imports** (M).—Source 2 (5)
**614. Imports of petroleum and petroleum products** (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (5)
**616. Imports of automobiles and parts** (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (5)
**618. Merchandise exports, adjusted, excluding military** (Q).—Source 1 (5,*22*)
**620. Merchandise imports, adjusted, excluding military** (Q).—Source 1 (5,*22*)
**622. Balance on merchandise trade** (Q).—Source 1 (5)

**721. Organisation for Economic Co-operation and Development, European countries, index of industrial production** (M).—Organisation for Economic Co-operation and Development (Paris) (5,*23*)
**722. United Kingdom, index of industrial production** (M).—Central Statistical Office (London) (5,*23*)
**723. Canada, index of industrial production** (M).—Statistics Canada (Ottawa) (5,*23*)
**725. Federal Republic of Germany, index of industrial production** (M).—Statistisches Bundesamt (Wiesbaden) (5,*23*)
**726. France, index of industrial production** (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (5,*23*)
**727. Italy, index of industrial production** (M).—Istituto Centrale di Statistica (Rome) (5,*23*)
**728. Japan, index of industrial production** (M).—Ministry of International Trade and Industry (Tokyo) (5,*23*)
**732. United Kingdom, consumer price index** (M).—Department of Employment (London); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**733. Canada, consumer price index** (M).—Statistics Canada (Ottawa); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**735. Federal Republic of Germany, consumer price index** (M).—Statistisches Bundesamt (Wiesbaden); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**736. France, consumer price index** (M).—Institut National de la Statistique et des Etudes Economiques (Paris); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**737. Italy, consumer price index** (M).—Istituto Centrale di Statistica (Rome); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**738. Japan, consumer price index** (M).—Bureau of Statistics, Office of the Prime Minister (Tokyo); percent changes seasonally adjusted by Bureau of Economic Analysis (5,*23*)
**742. United Kingdom, index of stock prices** (M).—Central Statistical Office (London) (5,*24*)
**743. Canada, index of stock prices** (M).—Toronto Stock Exchange (Toronto) (5,*24*)
**745. Federal Republic of Germany, index of stock prices** (M).—Statistisches Bundesamt (Wiesbaden) (5,*24*)
**746. France, index of stock prices** (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (5,*24*)
**747. Italy, index of stock prices** (M).—Banca d'Italia (Rome) (5,*24*)
**748. Japan, index of stock prices** (M).—Bank of Japan (Tokyo) (5,*24*)
**750. Index of weighted-average exchange value of U.S. dollar against currencies of 10 industrial countries** (M).—Source 4 (5,*24*)
**752. United Kingdom, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)
**753. Canada, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)
**755. Federal Republic of Germany, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)
**756. France, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)
**757. Italy, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)
**758. Japan, exchange rate per U.S. dollar** (M).—Source 4 (5,*24*)

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NOTE.—This section of the SURVEY is prepared by the Business Statistics Branch.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **GENERAL BUSINESS INDICATORS** | | | | | | | | | | | | | | | | | |
| **PERSONAL INCOME BY SOURCE †** | | | | | | | | | | | | | | | | | |
| Seasonally adjusted, at annual rates: | | | | | | | | | | | | | | | | | |
| Total personal income | bil. $ | 4,070.8 | 4,384.3 | 4,398.7 | 4,411.6 | 4,441.0 | 4,470.0 | 4,496.7 | 4,532.2 | 4,561.6 | 4,594.7 | 4,604.5 | 4,621.4 | 4,640.7 | r4,663.2 | r4,673.0 | 4,696.8 |
| Wage and salary disbursements, total | do | 2,431.1 | 2,573.2 | 2,578.1 | 2,593.9 | 2,611.4 | 2,603.8 | 2,623.0 | 2,633.3 | 2,652.2 | 2,669.2 | 2,682.4 | 2,695.5 | 2,711.1 | r2,727.1 | r2,727.7 | 2,745.1 |
| Commodity-producing industries, total | do | 696.4 | 720.6 | 723.4 | 722.7 | 724.6 | 718.9 | 720.7 | 718.1 | 726.0 | 729.7 | 725.2 | 732.3 | 735.8 | r735.5 | r734.3 | 735.5 |
| Manufacturing | do | 524.0 | 541.8 | 544.1 | 543.2 | 544.7 | 537.9 | 540.0 | 536.4 | 541.4 | 545.8 | 543.9 | 548.8 | 551.6 | r551.9 | r551.2 | 550.6 |
| Distributive industries | do | 572.0 | 604.7 | 600.7 | 609.4 | 612.5 | 612.1 | 619.2 | 623.5 | 626.6 | 630.9 | 636.7 | 635.6 | 639.6 | r643.6 | r639.1 | 644.5 |
| Service industries | do | 716.2 | 771.4 | 774.1 | 779.7 | 789.6 | 786.0 | 794.3 | 797.4 | 802.3 | 809.0 | 817.9 | 821.7 | 827.1 | 838.7 | r843.4 | 851.6 |
| Govt. and govt. enterprises | do | 446.6 | 476.6 | 479.9 | 482.1 | 484.6 | 486.8 | 488.8 | 494.3 | 497.3 | 499.6 | 502.6 | 505.9 | 508.6 | 509.3 | 511.0 | 513.5 |
| Other labor income | do | 225.5 | 241.9 | 243.5 | 244.8 | 246.1 | 247.5 | 248.9 | 251.6 | 252.8 | 254.0 | 255.2 | 256.4 | 257.6 | 258.8 | 260.0 | 261.2 |
| Proprietors' income: ‡ | | | | | | | | | | | | | | | | | |
| Farm | do | 43.7 | 48.6 | 38.8 | 37.8 | 45.6 | 45.2 | 46.4 | 51.1 | 55.6 | 65.5 | 55.0 | 51.8 | 46.1 | r45.7 | r42.9 | 39.9 |
| Nonfarm | do | 310.5 | 330.7 | 329.8 | 329.6 | 331.9 | 337.4 | 338.7 | 343.3 | 347.0 | 349.4 | 349.2 | 351.3 | 351.8 | r353.3 | r355.3 | 356.9 |
| Rental income of persons with capital consumption adjustment | bil. $ | 16.3 | 8.2 | 8.7 | .0 | −7.4 | 9.6 | 10.1 | 7.7 | 4.5 | 4.3 | 3.8 | 4.2 | 4.9 | r5.7 | r8.2 | 8.8 |
| Dividends | do | 102.2 | 114.4 | 115.9 | 116.3 | 117.4 | 118.4 | 118.9 | 119.7 | 120.6 | 121.3 | 122.3 | 123.0 | 123.4 | 124.3 | 125.0 | 125.3 |
| Personal interest income | do | 547.9 | 643.2 | 655.3 | 657.6 | 661.2 | 665.0 | 668.5 | 669.5 | 670.5 | 671.4 | 674.5 | 677.9 | 681.5 | r684.3 | r686.6 | 688.3 |
| Transfer payments | do | 587.7 | 636.9 | 642.1 | 646.1 | 650.8 | 658.4 | 658.6 | 679.8 | 679.6 | 683.4 | 683.5 | 685.3 | 691.4 | r692.1 | r695.4 | 700.6 |
| Less: Personal contributions for social insurance | do | 194.1 | 212.8 | 213.4 | 214.5 | 215.9 | 215.3 | 216.3 | 223.9 | 221.2 | 223.8 | 221.4 | 223.9 | 227.1 | 228.1 | 228.2 | 229.4 |
| Total nonfarm income | do | 4,006.0 | 4,314.6 | 4,338.9 | 4,352.7 | 4,374.4 | 4,403.6 | 4,429.2 | 4,459.9 | 4,484.9 | 4,508.1 | 4,528.2 | 4,548.3 | 4,573.2 | r4,596.0 | r4,608.7 | 4,635.4 |
| **DISPOSITION OF PERSONAL INCOME †** | | | | | | | | | | | | | | | | | |
| Seasonally adjusted, at annual rates: | | | | | | | | | | | | | | | | | |
| Total personal income | bil. $ | 4,070.8 | 4,384.3 | 4,398.7 | 4,411.6 | 4,441.0 | 4,470.0 | 4,496.7 | 4,532.2 | 4,561.6 | 4,594.7 | 4,604.5 | 4,621.4 | 4,640.7 | r4,663.2 | r4,673.0 | 4,696.8 |
| Less: Personal tax and nontax payments | do | 591.6 | 658.8 | 657.6 | 662.6 | 668.0 | 667.9 | 672.9 | 671.0 | 675.6 | 678.8 | 693.4 | 698.0 | 698.0 | r704.7 | r708.1 | 714.3 |
| Equals: Disposable personal income | do | 3,479.2 | 3,725.5 | 3,741.0 | 3,749.0 | 3,772.9 | 3,802.1 | 3,823.9 | 3,861.2 | 3,886.1 | 3,915.9 | 3,911.2 | 3,923.3 | 3,942.6 | r3,958.5 | r3,964.9 | 3,982.5 |
| Less: Personal outlays | do | 3,333.6 | 3,553.7 | 3,597.8 | 3,599.6 | 3,605.0 | 3,618.1 | 3,653.4 | 3,687.3 | 3,695.0 | 3,706.9 | 3,714.6 | 3,716.2 | 3,761.1 | r3,782.4 | r3,802.6 | 3,842.6 |
| Personal consumption expenditures | do | 3,238.2 | 3,450.1 | 3,493.1 | 3,494.4 | 3,499.0 | 3,511.2 | 3,545.4 | 3,579.1 | 3,586.5 | 3,598.5 | 3,606.9 | 3,608.1 | 3,653.2 | r3,673.9 | r3,694.1 | 3,733.9 |
| Durable goods | do | 457.5 | 474.6 | 497.7 | 484.9 | 473.1 | 470.7 | 470.0 | 506.6 | 487.3 | 482.4 | 480.6 | 472.9 | 481.7 | r485.8 | r476.5 | 487.2 |
| Nondurable goods | do | 1,060.0 | 1,130.0 | 1,134.9 | 1,141.2 | 1,140.8 | 1,148.3 | 1,157.3 | 1,163.3 | 1,182.2 | 1,178.6 | 1,174.3 | 1,174.2 | 1,188.4 | r1,192.1 | r1,202.6 | 1,213.6 |
| Services | do | 1,720.7 | 1,845.5 | 1,860.5 | 1,868.3 | 1,885.1 | 1,892.3 | 1,918.1 | 1,909.2 | 1,917.1 | 1,937.5 | 1,952.0 | 1,961.0 | 1,983.1 | r1,996.1 | r2,014.9 | 2,033.1 |
| Interest paid by consumers to business | do | 93.6 | 102.2 | 103.5 | 104.0 | 104.8 | 105.6 | 106.8 | 107.2 | 107.5 | 107.5 | 107.3 | 107.6 | 107.5 | r107.8 | r107.8 | 108.0 |
| Personal transfer payments to foreigners (net) | do | 1.9 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | .9 | .9 | .9 | .4 | .4 | .4 | r.7 | r.7 | .7 |
| Equals: personal saving | do | 145.6 | 171.8 | 143.2 | 149.4 | 167.9 | 184.0 | 170.5 | 173.9 | 191.1 | 209.0 | 196.5 | 207.2 | 181.5 | r176.1 | r162.3 | 139.9 |
| Personal saving as percentage of disposable personal income § | percent | 4.2 | 4.6 | 4.1 | 4.1 | 4.4 | 4.6 | 4.6 | 4.6 | 4.9 | 5.1 | 5.2 | 5.0 | 4.8 | r4.4 | 4.0 | ..... |
| Disposable personal income in constant (1982) dollars | bil. $ | 2,800.5 | 2,869.0 | 2,875.5 | 2,873.4 | 2,872.9 | 2,882.9 | 2,893.7 | 2,893.1 | 2,900.9 | 2,908.7 | 2,901.0 | 2,900.4 | 2,907.1 | r2,911.5 | r2,896.8 | 2,887.1 |
| Personal consumption expenditures in constant (1982) dollars | do | 2,606.5 | 2,656.8 | 2,685.0 | 2,678.2 | 2,664.3 | 2,662.4 | 2,682.9 | 2,681.8 | 2,677.3 | 2,672.9 | 2,675.3 | 2,667.4 | 2,693.6 | r2,702.2 | r2,698.9 | 2,706.9 |
| Durable goods | do | 418.2 | 428.0 | 446.8 | 436.5 | 425.6 | 422.6 | 421.0 | 450.2 | 433.5 | 429.1 | 428.6 | 421.6 | 430.1 | r432.8 | r424.5 | 432.7 |
| Nondurable goods | do | 909.4 | 919.9 | 924.5 | 925.5 | 919.3 | 921.5 | 928.3 | 912.8 | 920.6 | 913.3 | 909.9 | 909.2 | 914.5 | r916.9 | r916.6 | 911.5 |
| Services | do | 1,278.9 | 1,309.0 | 1,313.6 | 1,316.2 | 1,319.3 | 1,318.4 | 1,333.7 | 1,318.8 | 1,323.2 | 1,330.5 | 1,336.9 | 1,336.6 | 1,349.1 | r1,352.5 | r1,357.8 | 1,362.8 |
| Implicit price deflator for personal consumption expenditures | index, 1982=100 | 124.2 | 129.9 | 130.1 | 130.5 | 131.3 | 131.9 | 132.1 | 133.5 | 134.0 | 134.6 | 134.8 | 135.3 | 135.6 | 136.0 | r136.9 | 137.9 |
| **INDUSTRIAL PRODUCTION ◊** | | | | | | | | | | | | | | | | | |
| *Federal Reserve Board Index of Quantity Output* | | | | | | | | | | | | | | | | | |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Total index | 1987=100 | 105.4 | 108.1 | 110.5 | 110.9 | 109.2 | 107.7 | 106.8 | 106.0 | 109.0 | 108.6 | 107.6 | 107.7 | r111.9 | r108.8 | r112.8 | p113.4 |
| By industry groups: | | | | | | | | | | | | | | | | | |
| Mining | do | 101.8 | 100.5 | 100.2 | 100.8 | 101.8 | 103.8 | 101.5 | 102.4 | 103.1 | 102.1 | 102.4 | 100.5 | r101.1 | r99.5 | r101.0 | p101.4 |
| Utilities | do | 104.4 | 107.0 | 104.6 | 100.0 | 95.3 | 102.2 | 126.3 | 128.2 | 120.0 | 109.7 | 101.5 | 93.9 | r103.7 | r108.3 | r109.8 | p106.4 |
| Manufacturing | do | 105.8 | 108.9 | 112.0 | 112.8 | 111.2 | 108.6 | 105.5 | 104.4 | 108.6 | 109.2 | 108.7 | 109.6 | r113.6 | r109.7 | r114.1 | p115.2 |
| Durable | do | 107.6 | 110.9 | 112.2 | 113.8 | 111.6 | 110.1 | 108.2 | 106.1 | 110.9 | 112.6 | 111.0 | 112.4 | r115.8 | r110.1 | r114.4 | p116.0 |
| Nondurable | do | 103.6 | 106.4 | 111.7 | 111.7 | 110.7 | 106.6 | 102.1 | 102.2 | 105.7 | 104.9 | 105.7 | 106.1 | 110.9 | 109.1 | 113.7 | p114.2 |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Total index | do | 105.4 | 108.1 | 108.2 | 108.2 | 107.7 | 108.1 | 108.6 | 107.5 | 108.5 | 108.9 | 108.8 | 109.4 | r110.1 | r110.3 | r110.4 | p110.7 |
| By market groups: | | | | | | | | | | | | | | | | | |
| Products, total | do | 105.3 | 108.6 | 108.5 | 108.8 | 108.1 | 108.9 | 109.7 | 108.4 | 109.4 | 110.1 | 109.8 | 110.5 | r110.9 | r110.8 | r110.9 | p111.5 |
| Final products | do | 105.6 | 109.1 | 109.1 | 109.6 | 108.5 | 109.4 | 110.3 | 108.5 | 109.7 | 110.7 | 110.4 | 111.2 | 111.7 | r111.5 | r111.7 | p112.6 |
| Consumer goods | do | 104.0 | 106.7 | 105.6 | 106.3 | 107.3 | 107.4 | 108.3 | 106.0 | 107.0 | 107.5 | 107.2 | 107.4 | r107.8 | r107.3 | r107.8 | p109.1 |

See footnotes at end of tables.

## GENERAL BUSINESS INDICATORS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **INDUSTRIAL PRODUCTION ◊—Continued** | | | | | | | | | | | | | | | | | |
| **Seasonally Adjusted—Continued** | | | | | | | | | | | | | | | | | |
| By market groups—Continued | | | | | | | | | | | | | | | | | |
| Final products—Continued | | | | | | | | | | | | | | | | | |
| Consumer goods—Continued | | | | | | | | | | | | | | | | | |
| Durable | 1987=100 | 104.9 | 107.9 | 105.8 | 107.6 | 106.8 | 105.7 | 106.8 | 99.4 | 106.2 | 110.8 | 107.3 | 109.3 | 112.1 | r108.5 | r108.0 | p111.5 |
| Automotive products | do | 105.9 | 106.9 | 103.2 | 104.9 | 102.9 | 102.4 | 104.5 | 85.2 | 99.3 | 109.3 | 102.4 | 107.0 | 112.2 | r106.7 | r104.5 | p112.5 |
| Autos and trucks | do | 105.3 | 105.7 | 101.1 | 103.1 | 99.7 | 98.4 | 100.1 | 66.3 | 92.7 | 107.7 | 95.8 | 105.6 | 112.9 | 104.8 | 101.5 | p115.2 |
| Other durable goods | do | 104.1 | 108.8 | 107.9 | 109.8 | 109.8 | 108.4 | 108.6 | 110.6 | 111.6 | 112.0 | 111.2 | 111.1 | 112.0 | r110.0 | r110.8 | p110.8 |
| Nondurable | do | 103.7 | 106.4 | 105.6 | 106.0 | 107.4 | 107.8 | 108.7 | 107.8 | 107.2 | 106.6 | 107.1 | 106.9 | r106.6 | 107.0 | r107.7 | p108.5 |
| Foods and tobacco | do | 102.2 | 104.2 | 103.3 | 103.7 | 105.6 | 105.8 | 106.4 | 105.5 | 106.2 | 105.8 | 105.6 | 105.2 | r104.4 | r104.5 | r105.2 | p105.8 |
| Clothing | do | 101.1 | 101.6 | 100.3 | 101.6 | 101.9 | 100.1 | 99.4 | 100.6 | 99.6 | 97.0 | 96.0 | 96.4 | r95.7 | r95.8 | 96.0 | p95.7 |
| Chemical products | do | 107.5 | 109.5 | 110.1 | 107.8 | 110.3 | 111.3 | 110.3 | 112.7 | 112.0 | 111.0 | 113.5 | 113.0 | r112.8 | r112.5 | r114.1 | p115.3 |
| Paper products | do | 105.8 | 114.3 | 114.1 | 116.2 | 117.2 | 118.1 | 116.9 | 116.2 | 117.6 | 116.4 | 118.1 | 118.6 | 118.3 | r119.7 | r119.1 | p120.7 |
| Energy products | do | 104.5 | 106.7 | 104.7 | 106.0 | 106.0 | 108.0 | 115.2 | 107.9 | 101.5 | 103.1 | 104.1 | 104.1 | r105.3 | r106.8 | r108.4 | p109.1 |
| Equipment, total | do | 107.6 | 112.3 | 113.6 | 113.8 | 110.1 | 112.0 | 112.9 | 111.8 | 113.3 | 114.9 | 114.7 | 116.2 | r116.8 | r116.9 | r116.7 | p117.1 |
| Business equipment | do | 111.8 | 119.1 | 120.4 | 120.7 | 116.0 | 118.7 | 119.9 | 118.0 | 120.1 | 122.2 | 121.6 | 123.5 | r124.4 | r124.6 | r124.8 | p125.6 |
| Information processing and related | do | 112.6 | 121.7 | 122.0 | 123.7 | 119.9 | 123.5 | 124.0 | 124.0 | 124.7 | 126.0 | 126.4 | 126.6 | r126.3 | r127.5 | r128.6 | p128.7 |
| Office and computing machines | do | 121.1 | 137.2 | 139.3 | 141.8 | 132.8 | 141.0 | 142.7 | 142.7 | 144.3 | 147.2 | 149.3 | 148.9 | r150.6 | r152.6 | r154.5 | p154.1 |
| Industrial | do | 109.8 | 113.8 | 113.8 | 113.8 | 112.4 | 113.4 | 112.8 | 113.5 | 113.4 | 113.9 | 114.2 | 115.8 | r116.0 | r117.1 | r117.7 | p117.1 |
| Transit | do | 114.4 | 123.8 | 128.4 | 127.0 | 112.9 | 117.0 | 123.4 | 111.4 | 122.7 | 130.6 | 126.2 | 132.5 | r137.4 | r133.8 | r132.0 | p138.3 |
| Autos and trucks | do | 104.9 | 103.9 | 101.6 | 103.1 | 97.6 | 98.0 | 97.6 | 69.6 | 91.7 | 104.5 | 95.2 | 105.7 | r112.2 | r103.0 | r100.9 | p113.7 |
| Defense and space equipment | do | 98.0 | 97.4 | 98.9 | 98.9 | 96.6 | 96.7 | 96.6 | 97.5 | 97.6 | 97.5 | 97.3 | 97.6 | r97.6 | r97.9 | 97.4 | p97.0 |
| Oil and gas well drilling | do | 100.0 | 93.7 | 95.3 | 97.3 | 97.3 | 99.9 | 100.3 | 98.3 | 100.1 | 106.0 | 114.3 | 118.6 | r119.5 | r116.2 | r106.9 | p107.4 |
| Manufactured homes | do | 97.8 | 92.3 | 89.5 | 87.5 | 87.9 | 89.4 | 91.6 | 91.6 | 94.3 | 92.9 | 89.7 | 91.3 | 92.8 | 90.0 | r93.4 | p91.9 |
| Intermediate products | do | 104.4 | 106.8 | 106.4 | 106.3 | 106.9 | 107.3 | 107.9 | 108.0 | 108.4 | 108.2 | 108.0 | 108.3 | r108.3 | r108.5 | r108.4 | p107.9 |
| Construction supplies | do | 104.4 | 106.1 | 105.5 | 105.2 | 106.3 | 107.0 | 107.4 | 107.9 | 108.2 | 107.3 | 106.4 | 105.5 | 106.0 | r106.4 | r105.9 | p104.9 |
| Business supplies | do | 104.4 | 107.3 | 106.9 | 107.0 | 107.3 | 107.5 | 108.2 | 108.0 | 108.5 | 108.9 | 109.1 | 110.2 | r109.8 | r110.0 | r110.1 | p110.0 |
| Materials | do | 105.6 | 107.4 | 107.8 | 107.4 | 107.1 | 107.0 | 106.9 | 106.2 | 107.1 | 107.1 | 107.3 | 107.7 | r108.8 | r109.5 | r109.7 | p109.4 |
| Durable | do | 109.0 | 111.6 | 112.0 | 112.0 | 110.8 | 110.8 | 110.4 | 109.4 | 110.8 | 110.9 | 110.9 | 112.5 | r113.8 | r114.1 | r115.1 | p114.4 |
| Nondurable | do | 103.0 | 105.3 | 105.7 | 104.2 | 106.1 | 104.9 | 104.3 | 105.4 | 105.8 | 105.2 | 106.1 | 105.2 | r106.1 | r107.7 | r106.6 | p106.2 |
| Energy | do | 101.8 | 101.3 | 101.7 | 101.6 | 101.3 | 101.9 | 102.7 | 101.2 | 101.7 | 102.0 | 101.8 | 101.1 | r102.1 | r102.9 | r102.5 | p103.2 |
| By industry groups: | | | | | | | | | | | | | | | | | |
| Mining | do | 101.8 | 100.5 | 100.7 | 101.6 | 100.7 | 101.2 | 100.1 | 101.7 | 101.0 | 101.1 | 102.9 | 102.2 | r102.2 | r103.5 | r101.8 | p102.1 |
| Metal mining | do | 122.7 | 141.4 | 144.3 | 145.4 | 143.2 | 145.9 | 155.5 | 144.8 | 143.4 | 141.4 | 152.7 | 148.7 | r156.7 | r163.7 | r162.1 | p160.6 |
| Coal | do | 105.0 | 105.7 | 103.1 | 109.6 | 109.9 | 108.1 | 103.5 | 114.1 | 111.9 | 112.9 | 114.2 | 110.0 | 113.5 | 118.5 | r110.2 | p113.3 |
| Oil and gas extraction # | do | 99.4 | 95.5 | 96.3 | 95.9 | 94.3 | 95.5 | 94.0 | 94.4 | 94.1 | 94.6 | 95.7 | 96.0 | r94.6 | 94.8 | r94.5 | p94.4 |
| Crude oil | do | 97.3 | 91.4 | 92.6 | 91.3 | 89.6 | 90.5 | 89.6 | 88.2 | 87.7 | 88.7 | 87.8 | 86.5 | r83.8 | r84.8 | 86.3 | ..... |
| Natural gas | do | 102.5 | 102.7 | 102.9 | 102.7 | 102.0 | 104.2 | 102.0 | 101.3 | 103.0 | 101.1 | 104.5 | 106.3 | 106.4 | r107.1 | 105.4 | ..... |
| Stone and earth minerals | do | 106.8 | 113.9 | 113.3 | 114.1 | 118.0 | 115.8 | 119.7 | 121.2 | 120.0 | 116.5 | 120.2 | 119.9 | r121.1 | r122.0 | r120.3 | p120.5 |
| Utilities | do | 104.4 | 107.0 | 106.2 | 105.9 | 107.4 | 108.3 | 116.1 | 106.8 | 104.0 | 106.2 | 106.7 | 107.1 | r109.7 | r109.4 | r110.8 | p111.8 |
| Electric | do | 104.6 | 108.1 | 108.1 | 107.1 | 109.7 | 109.5 | 116.3 | 108.3 | 107.1 | 109.7 | 109.7 | 110.3 | r113.1 | r112.1 | r113.8 | p114.9 |
| Gas | do | 103.9 | 103.0 | 99.2 | 101.0 | 99.1 | 103.9 | 115.6 | 101.2 | 92.3 | 93.3 | 95.5 | 95.2 | r97.4 | r99.1 | r99.9 | p100.5 |
| Manufacturing | do | 105.8 | 108.9 | 109.1 | 109.1 | 108.4 | 108.9 | 108.8 | 108.1 | 109.6 | 109.8 | 109.5 | 110.3 | r110.8 | r111.0 | r111.2 | p111.4 |
| Durable | do | 107.6 | 110.9 | 111.3 | 111.5 | 109.4 | 110.1 | 110.4 | 108.6 | 110.7 | 111.9 | 111.1 | 112.6 | r113.4 | r113.2 | r113.6 | p113.8 |
| Lumber and products | do | 104.6 | 103.1 | 102.4 | 102.6 | 103.2 | 104.8 | 106.4 | 106.0 | 104.3 | 105.0 | 103.3 | 101.7 | r102.0 | r102.1 | r101.5 | p99.4 |
| Furniture and fixtures | do | 103.6 | 105.3 | 104.5 | 105.7 | 105.6 | 104.4 | 105.1 | 105.1 | 104.8 | 105.9 | 107.6 | 108.0 | 108.7 | r109.4 | r108.8 | p106.9 |
| Clay, glass, and stone products | do | 106.4 | 108.0 | 107.8 | 106.5 | 107.7 | 108.2 | 108.6 | 110.0 | 108.0 | 107.7 | 105.1 | 106.4 | 106.1 | r105.6 | r106.5 | p105.9 |
| Primary metals | do | 110.3 | 109.2 | 111.7 | 109.9 | 108.6 | 104.8 | 102.6 | 105.0 | 107.9 | 105.4 | 106.4 | 106.2 | r109.5 | r110.2 | r114.3 | p112.5 |
| Iron and steel | do | 113.8 | 109.3 | 109.8 | 109.7 | 109.2 | 104.1 | 100.3 | 104.6 | 110.6 | 106.1 | 106.7 | 105.5 | r110.3 | r110.6 | r117.6 | p115.3 |
| Nonferrous | do | 105.4 | 109.0 | 114.0 | 109.8 | 107.6 | 105.8 | 105.8 | 105.6 | 104.0 | 104.3 | 105.9 | 107.1 | 108.3 | r109.7 | r109.6 | p108.6 |
| Fabricated metal products | do | 106.2 | 107.2 | 106.5 | 106.0 | 105.9 | 106.9 | 106.3 | 105.1 | 105.6 | 105.5 | 105.0 | 107.1 | r106.7 | r107.9 | r108.2 | p107.3 |
| Nonelectrical machinery | do | 113.8 | 121.8 | 121.8 | 123.4 | 119.0 | 122.9 | 123.8 | 123.7 | 124.2 | 125.2 | 125.7 | 126.9 | r127.5 | r128.3 | r129.2 | p128.6 |
| Electrical machinery | do | 106.5 | 109.5 | 110.6 | 110.8 | 110.2 | 110.1 | 110.1 | 110.1 | 111.0 | 112.3 | 111.3 | 112.4 | r112.8 | r112.1 | r112.4 | p112.5 |
| Transportation equipment | do | 105.0 | 107.2 | 107.8 | 108.0 | 102.1 | 102.8 | 104.4 | 94.7 | 103.5 | 107.9 | 105.1 | 109.0 | r111.0 | r108.9 | r107.6 | p110.7 |
| Motor vehicles and parts | do | 105.5 | 104.9 | 102.7 | 103.2 | 99.7 | 99.0 | 98.7 | 76.8 | 94.1 | 103.5 | 95.8 | 104.0 | 108.0 | r102.7 | r100.9 | p108.5 |
| Instruments | do | 110.1 | 116.4 | 116.4 | 116.2 | 116.1 | 115.6 | 114.8 | 116.0 | 116.2 | 115.7 | 115.8 | 116.5 | 115.0 | r116.1 | r117.1 | p117.6 |
| Nondurable | do | 103.6 | 106.4 | 106.2 | 106.0 | 107.2 | 107.3 | 106.7 | 107.5 | 108.3 | 107.2 | 107.5 | 107.4 | 107.6 | 108.1 | 108.1 | p108.3 |
| Foods | do | 102.8 | 105.5 | 104.8 | 105.4 | 106.8 | 107.4 | 108.0 | 106.8 | 107.4 | 107.1 | 107.0 | 106.8 | r106.1 | r106.4 | r107.0 | p107.8 |
| Tobacco products | do | 101.4 | 99.6 | 95.0 | 93.3 | 99.7 | 98.8 | 98.5 | 101.3 | 102.3 | 100.0 | 98.8 | 97.2 | 95.6 | r97.8 | r95.4 | p94.0 |
| Textile mill products | do | 99.8 | 101.9 | 101.5 | 101.5 | 101.9 | 99.3 | 99.8 | 100.6 | 103.0 | 99.8 | 100.9 | 102.7 | 103.6 | r102.8 | r101.8 | p101.2 |
| Apparel products | do | 102.2 | 104.3 | 104.7 | 104.5 | 103.9 | 103.7 | 102.6 | 102.4 | 102.1 | 99.8 | 98.7 | 99.2 | 99.3 | r99.3 | 99.3 | p99.0 |
| Paper and products | do | 102.9 | 103.2 | 103.0 | 102.2 | 105.3 | 104.1 | 103.4 | 103.8 | 105.0 | 102.8 | 105.3 | 104.0 | 104.2 | r107.8 | r105.5 | p105.0 |
| Printing and publishing | do | 103.6 | 108.5 | 107.8 | 109.4 | 109.3 | 109.6 | 109.6 | 110.7 | 112.1 | 111.4 | 112.0 | 112.8 | r112.0 | r111.8 | r111.6 | p111.5 |
| Chemicals and products | do | 105.4 | 108.5 | 109.6 | 107.5 | 109.4 | 109.8 | 107.6 | 109.9 | 110.5 | 109.5 | 110.3 | 109.2 | r110.3 | r110.5 | r111.2 | p112.0 |
| Petroleum products | do | 103.4 | 106.1 | 107.0 | 108.7 | 106.9 | 109.3 | 104.3 | 108.6 | 112.0 | 109.1 | 106.8 | 104.6 | r106.5 | r110.5 | r109.6 | p110.5 |
| Rubber and plastics products | do | 105.9 | 108.9 | 109.0 | 108.5 | 108.8 | 109.1 | 110.1 | 110.7 | 109.1 | 109.8 | 109.0 | 110.9 | 112.8 | r112.3 | 112.5 | p112.7 |
| Leather and products | do | 99.6 | 103.7 | 103.2 | 103.5 | 102.2 | 99.4 | 103.0 | 104.3 | 102.9 | 103.3 | 102.6 | 103.5 | 102.0 | r103.2 | r104.8 | p103.3 |
| **BUSINESS SALES** | | | | | | | | | | | | | | | | | |
| Mfg. and trade sales (unadj.), total | mil. $ | 5,883,709 | 6,263,424 | 538,787 | 537,166 | 536,419 | 530,160 | 549,506 | 485,961 | 499,778 | 556,432 | 529,982 | 554,599 | 562,905 | r512,842 | 561,098 | ..... |
| Mfg. and trade sales (seas. adj.), total | do | r5,883,709 | r6,263,424 | r531,579 | r527,595 | 525,160 | 527,948 | 526,391 | 528,549 | 535,996 | 538,984 | 533,603 | 538,946 | 542,441 | r540,368 | 551,862 | ..... |
| Manufacturing, total | do | r2,611,589 | r2,781,576 | 238,150 | 233,562 | 231,995 | 232,826 | 231,003 | 226,704 | 234,472 | 237,299 | 234,259 | 238,863 | 239,460 | r237,834 | 245,863 | ..... |
| Durable goods industries | do | 1,388,211 | 1,471,549 | 128,347 | 124,393 | 121,840 | 123,209 | 121,998 | 116,716 | 123,224 | 125,089 | 122,031 | 126,507 | 127,283 | r125,090 | 129,029 | ..... |
| Nondurable goods industries | do | 1,223,378 | 1,310,027 | 109,803 | 109,169 | 110,155 | 109,617 | 109,005 | 109,988 | 111,248 | 112,210 | 112,228 | 112,356 | 112,177 | r112,744 | 116,834 | ..... |
| Retail trade, total | do | r1,650,005 | r1,733,654 | r146,731 | r147,052 | 145,244 | 146,340 | 145,804 | 149,877 | 149,904 | 149,302 | 147,886 | 147,781 | 149,432 | r150,201 | 149,643 | ..... |
| Durable goods stores | do | 627,370 | 645,524 | r55,606 | r55,310 | 53,627 | 53,768 | 52,683 | 56,217 | 55,037 | 54,663 | 53,620 | 53,525 | 53,841 | r54,200 | 52,839 | ..... |
| Nondurable goods stores | do | 1,022,635 | 1,088,130 | r91,125 | r91,742 | 91,617 | 92,572 | 93,121 | 93,660 | 94,867 | 94,639 | 94,266 | 94,256 | 95,591 | r96,001 | 96,804 | ..... |
| Merchant wholesalers, total | do | r1,622,115 | r1,748,194 | r146,698 | 146,981 | 147,921 | 148,782 | 149,584 | 151,968 | 151,620 | 152,383 | 151,458 | 152,302 | 153,549 | r152,333 | 156,356 | ..... |
| Durable goods establishments | do | 795,372 | 859,960 | r72,336 | 72,388 | 73,048 | 73,970 | 73,180 | 76,653 | 77,018 | 77,612 | 76,522 | 77,766 | 78,002 | r76,687 | 77,193 | ..... |
| Nondurable goods establishments | do | 826,743 | 888,234 | r73,862 | 74,593 | 74,873 | 74,812 | 76,404 | 75,315 | 74,602 | 74,771 | 74,936 | 74,536 | 75,547 | r75,646 | 79,163 | ..... |
| Mfg. and trade sales in constant (1982) dollars (seas. adj.), total | bil. $ | ..... | ..... | 489.3 | 485.4 | 481.1 | 482.7 | 481.7 | 477.6 | 483.7 | 486.6 | 482.1 | 486.5 | 489.5 | r486.5 | 492.5 | ..... |
| Manufacturing | do | ..... | ..... | 230.1 | 226.2 | 223.8 | 224.4 | 223.1 | 217.7 | 224.6 | 227.6 | 224.6 | 228.1 | 229.2 | r227.0 | 232.1 | ..... |
| Retail trade | do | ..... | ..... | 128.5 | 128.6 | 126.3 | 126.8 | 126.2 | 127.9 | 127.5 | 126.6 | 125.5 | 125.2 | 126.2 | r126.8 | 125.4 | ..... |
| Merchant wholesalers | do | ..... | ..... | 130.8 | 130.6 | 130.9 | 131.6 | 132.4 | 132.0 | 131.7 | 132.5 | 132.0 | 133.1 | 134.2 | r132.7 | 135.1 | ..... |

See footnotes at end of tables.

## GENERAL BUSINESS INDICATORS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BUSINESS INVENTORIES** | | | | | | | | | | | | | | | | | |
| Mfg. and trade inventories, book value (non-LIFO basis), end of period, (unadjusted), total | mil. $ | 743,191 | 784,384 | 783,810 | 786,474 | 805,456 | 811,676 | 784,384 | 789,371 | 793,733 | 796,483 | 800,989 | 802,482 | 793,798 | r799,073 | 799,540 | |
| Mfg. and trade inventories, book value (non-LIFO basis), end of period, (seas. adj.), total | mil. $ | 753,299 | 795,415 | r791,363 | 792,119 | 794,757 | 798,104 | 795,415 | 797,202 | 794,016 | 793,669 | 796,050 | 800,399 | 796,469 | r802,151 | 806,484 | |
| Manufacturing, total | do | 354,163 | 371,082 | 371,489 | 370,890 | 371,712 | 372,813 | 371,082 | 374,126 | 373,169 | 371,746 | 372,300 | 372,384 | 370,693 | r373,285 | 373,932 | |
| Durable goods industries | do | 233,666 | 246,222 | 246,378 | 245,621 | 246,427 | 247,610 | 246,222 | 248,273 | 247,095 | 245,435 | 246,609 | 246,530 | 244,902 | r246,456 | 246,467 | |
| Nondurable goods industries | do | 120,497 | 124,860 | 125,111 | 125,269 | 125,285 | 125,203 | 124,860 | 125,853 | 126,074 | 126,311 | 125,691 | 125,854 | 125,791 | r126,829 | 127,465 | |
| Retail trade, total | do | 220,510 | 235,514 | r233,930 | 236,131 | 234,942 | 236,234 | 235,514 | 233,701 | 232,000 | 232,562 | 232,847 | 234,814 | 234,517 | r236,400 | 239,547 | |
| Durable goods stores | do | 114,248 | 117,169 | r119,251 | 121,048 | 118,450 | 118,667 | 117,169 | 114,194 | 113,552 | 113,951 | 113,730 | 114,870 | 115,128 | r116,207 | 119,355 | |
| Nondurable goods stores | do | 106,262 | 118,345 | r114,679 | 115,083 | 116,492 | 117,567 | 118,345 | 119,507 | 118,448 | 118,611 | 119,117 | 119,944 | 119,389 | r120,193 | 120,192 | |
| Merchant wholesalers, total | do | 180,313 | 188,819 | r185,944 | 185,098 | 188,103 | 189,057 | 188,819 | 189,375 | 188,847 | 189,361 | 190,903 | 193,201 | 191,259 | r192,466 | 193,005 | |
| Durable goods establishments | do | 117,314 | 123,954 | r123,053 | 122,148 | 123,716 | 124,363 | 123,954 | 125,510 | 125,685 | 124,901 | 125,781 | 126,998 | 126,061 | r126,786 | 128,252 | |
| Nondurable goods establishments | do | 62,999 | 64,865 | r62,891 | 62,950 | 64,387 | 64,694 | 64,865 | 63,865 | 63,162 | 64,460 | 65,122 | 66,203 | 65,198 | r65,680 | 64,753 | |
| Mfg. and trade inventories in constant (1982) dollars, end of period(seas. adj.),total | bil. $ | | | 699.8 | 698.0 | 702.2 | 705.1 | 701.6 | 699.5 | 695.2 | 695.3 | 697.3 | 700.0 | 696.9 | r700.4 | 699.6 | |
| Manufacturing | do | | | 336.0 | 335.0 | 335.0 | 335.7 | 333.6 | 336.0 | 335.2 | 334.0 | 334.5 | 334.9 | 333.4 | r335.2 | 334.6 | |
| Retail trade | do | | | 196.0 | 196.2 | 198.2 | 199.8 | 199.3 | 195.0 | 191.8 | 192.9 | 193.2 | 194.6 | 194.8 | r195.5 | 195.1 | |
| Merchant wholesalers | do | | | 167.8 | 166.8 | 169.0 | 169.6 | 168.7 | 168.5 | 168.2 | 168.4 | 169.6 | 170.6 | 168.7 | r169.7 | 169.9 | |
| **BUSINESS INVENTORY-SALES RATIOS** | | | | | | | | | | | | | | | | | |
| Manufacturing and trade, total | ratio | | | 1.49 | 1.50 | 1.51 | 1.51 | 1.51 | 1.51 | 1.48 | 1.47 | 1.49 | 1.49 | 1.47 | r1.48 | 1.46 | |
| Manufacturing, total | do | | | 1.56 | 1.59 | 1.60 | 1.60 | 1.61 | 1.65 | 1.59 | 1.57 | 1.59 | 1.56 | 1.55 | 1.57 | 1.52 | |
| Durable goods industries | do | | | 1.92 | 1.97 | 2.02 | 2.01 | 2.02 | 2.13 | 2.01 | 1.96 | 2.02 | 1.95 | 1.92 | r1.97 | 1.91 | |
| Materials and supplies | do | | | .53 | .54 | .56 | .55 | .55 | .58 | .55 | .53 | .55 | .53 | .52 | .54 | .52 | |
| Work in process | do | | | .91 | .93 | .95 | .95 | .96 | 1.02 | .96 | .93 | .97 | .93 | .91 | .94 | .91 | |
| Finished goods | do | | | .48 | .50 | .51 | .51 | .50 | .53 | .50 | .49 | .51 | .49 | .49 | .50 | .49 | |
| Nondurable goods industries | do | | | 1.14 | 1.15 | 1.14 | 1.14 | 1.15 | 1.14 | 1.13 | 1.13 | 1.12 | 1.12 | 1.12 | 1.12 | 1.09 | |
| Materials and supplies | do | | | .43 | .43 | .42 | .43 | .43 | .42 | .42 | .42 | .42 | .42 | .42 | .42 | .41 | |
| Work in process | do | | | .19 | .19 | .19 | .19 | .19 | .19 | .19 | .19 | .18 | .19 | .18 | .18 | .18 | |
| Finished goods | do | | | .52 | .53 | .52 | .52 | .52 | .53 | .53 | .52 | .52 | .52 | .52 | .52 | .50 | |
| Retail trade, total | do | | | r1.59 | r1.61 | 1.62 | 1.61 | 1.62 | 1.56 | 1.55 | 1.56 | 1.57 | 1.59 | 1.57 | r1.57 | 1.60 | |
| Durable goods stores | do | | | r2.14 | r2.19 | 2.21 | 2.21 | 2.22 | 2.03 | 2.06 | 2.08 | 2.12 | 2.15 | 2.14 | r2.14 | 2.26 | |
| Nondurable goods stores | do | | | 1.26 | 1.25 | 1.27 | 1.27 | 1.27 | 1.28 | 1.25 | 1.25 | 1.26 | 1.27 | 1.25 | 1.25 | 1.24 | |
| Merchant wholesalers, total | do | | | 1.27 | 1.26 | 1.27 | 1.27 | 1.26 | 1.25 | 1.25 | 1.24 | 1.26 | 1.27 | 1.25 | 1.26 | 1.23 | |
| Durable goods establishments | do | | | 1.69 | 1.69 | 1.69 | 1.68 | 1.69 | 1.64 | 1.63 | 1.61 | 1.64 | 1.63 | 1.62 | r1.65 | 1.66 | |
| Nondurable goods establishments | do | | | .85 | .84 | .86 | .86 | .85 | .85 | .85 | .86 | .87 | .89 | .86 | r.87 | .82 | |
| Manufacturing and trade in constant (1982) dollars, total | do | | | 1.43 | 1.44 | 1.46 | 1.46 | 1.46 | 1.46 | 1.44 | 1.43 | 1.45 | 1.44 | 1.42 | 1.44 | 1.42 | |
| Manufacturing | do | | | 1.46 | 1.48 | 1.50 | 1.50 | 1.50 | 1.54 | 1.49 | 1.47 | 1.49 | 1.47 | 1.46 | r1.48 | 1.44 | |
| Retail trade | do | | | 1.53 | 1.53 | 1.57 | 1.58 | 1.58 | 1.52 | 1.51 | 1.52 | 1.54 | 1.55 | 1.54 | r1.54 | 1.56 | |
| Merchant wholesalers | do | | | 1.28 | 1.28 | 1.29 | 1.29 | 1.27 | 1.28 | 1.28 | 1.27 | 1.29 | 1.28 | 1.26 | 1.28 | 1.26 | |
| **MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS** | | | | | | | | | | | | | | | | | |
| Shipments (not seas. adj.), total | mil. $ | 2,611,589 | 2,781,576 | 233,026 | 247,693 | 238,230 | 231,320 | 228,665 | 207,266 | 234,079 | 249,364 | 234,628 | 240,432 | 254,972 | r216,329 | r242,350 | 258,094 |
| Durable goods industries, total | do | 1,388,211 | 1,471,549 | 122,298 | 132,337 | 125,350 | 122,261 | 122,669 | 104,013 | 123,396 | 134,397 | 123,058 | 128,441 | 137,966 | r109,067 | r123,910 | 132,574 |
| Stone, clay, and glass products | do | 64,044 | 64,755 | 5,725 | 5,715 | 5,900 | 5,414 | 4,648 | 4,772 | 5,179 | 5,481 | 5,532 | 5,626 | 5,864 | r5,159 | r5,656 | 5,606 |
| Primary metals | do | 142,196 | 145,416 | 12,120 | 12,210 | 12,059 | 11,271 | 10,107 | 10,771 | 11,441 | 12,074 | 11,615 | 11,727 | 12,053 | r10,810 | r11,682 | 11,757 |
| Blast furnaces, steel mills | do | 60,950 | 59,248 | 4,863 | 4,841 | 4,890 | 4,586 | 4,118 | 4,429 | 4,623 | 4,968 | 4,742 | 4,886 | 4,954 | r4,344 | r4,684 | 4,650 |
| Fabricated metal products | do | 144,064 | 162,639 | 13,927 | 14,581 | 14,506 | 13,693 | 12,713 | 12,129 | 14,060 | 15,202 | 14,063 | 15,114 | 15,295 | r12,945 | r14,056 | 14,918 |
| Machinery, except electrical | do | 247,152 | 265,523 | 20,950 | 24,436 | 21,561 | 21,345 | 24,448 | 19,119 | 21,730 | 25,619 | 21,900 | 21,845 | 25,353 | r18,959 | r20,921 | 24,528 |
| Electrical machinery | do | 227,136 | 239,351 | 19,854 | 22,314 | 20,098 | 20,365 | 21,890 | 17,594 | 20,360 | 21,588 | 19,386 | 20,150 | 22,076 | r18,324 | r20,136 | 22,747 |
| Transportation equipment | do | 351,927 | 372,910 | 31,128 | 33,365 | 31,212 | 31,955 | 31,435 | 22,706 | 32,199 | 35,142 | 31,773 | 35,057 | 37,252 | r25,469 | r32,485 | 33,327 |
| Motor vehicles and parts | do | 219,257 | 232,849 | 19,455 | 19,962 | 20,121 | 20,636 | 16,248 | 13,234 | 20,272 | 21,806 | 20,030 | 22,960 | 22,847 | r14,069 | r20,041 | 19,562 |
| Instruments and related products | do | 72,456 | 77,110 | 6,134 | 7,055 | 6,659 | 6,456 | 6,871 | 6,004 | 6,399 | 6,943 | 6,319 | 6,667 | 7,229 | r6,102 | r6,468 | 7,013 |
| Nondurable goods industries, total | do | 1,223,378 | 1,310,027 | 110,728 | 115,356 | 112,880 | 109,059 | 105,996 | 103,253 | 110,683 | 114,967 | 111,570 | 111,991 | 117,006 | r107,262 | r118,440 | 125,520 |
| Food and kindred products | do | 356,804 | 388,431 | 32,654 | 34,416 | 33,791 | 32,689 | 32,360 | 30,408 | 32,989 | 34,491 | 32,678 | 34,008 | 35,270 | r32,451 | r34,117 | 36,407 |
| Tobacco products | do | 22,240 | 24,101 | 1,886 | 2,331 | 2,111 | 2,363 | 2,527 | 1,366 | 1,701 | 2,387 | 2,108 | 2,476 | 2,334 | 1,635 | r2,294 | 2,451 |
| Textile mill products | do | 59,774 | 63,606 | 5,607 | 5,754 | 5,657 | 5,428 | 4,500 | 4,563 | 5,160 | 5,446 | 5,009 | 5,129 | 5,522 | r4,210 | r5,214 | 5,286 |
| Paper and allied products | do | 124,187 | 130,403 | 10,949 | 11,091 | 11,046 | 10,641 | 10,105 | 10,543 | 11,015 | 11,249 | 10,798 | 10,941 | 11,342 | r10,735 | r11,180 | 11,286 |
| Chemical and allied products | do | 240,476 | 255,598 | 21,099 | 21,837 | 20,566 | 20,202 | 20,696 | 20,553 | 21,583 | 22,834 | 22,762 | 22,002 | 23,071 | r20,612 | r22,721 | 23,622 |
| Petroleum and coal products | do | 124,218 | 138,439 | 11,495 | 12,076 | 12,103 | 11,545 | 12,205 | 12,468 | 11,908 | 11,860 | 12,096 | 12,101 | 12,469 | r12,349 | r15,591 | 17,977 |
| Rubber and plastics products | do | 91,089 | 95,768 | 8,127 | 8,249 | 7,954 | 7,322 | 7,081 | 6,909 | 7,704 | 8,100 | 7,722 | 7,630 | 8,063 | r7,075 | r7,550 | 7,861 |
| Shipments (seas. adj.), total | do | | | 238,150 | 233,562 | 231,995 | 232,826 | 231,003 | 226,704 | 234,472 | 237,299 | 234,259 | 238,863 | 239,460 | r237,834 | r245,646 | 243,844 |
| By industry group: | | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | do | | | 128,347 | 124,393 | 121,840 | 123,209 | 121,998 | 116,716 | 123,224 | 125,089 | 122,031 | 126,507 | 127,283 | r125,090 | r128,619 | 124,528 |
| Stone, clay, and glass products | do | | | 5,451 | 5,328 | 5,515 | 5,431 | 5,322 | 5,422 | 5,482 | 5,387 | 5,352 | 5,460 | 5,427 | r5,473 | r5,378 | 5,274 |
| Primary metals | do | | | 12,215 | 11,978 | 11,819 | 11,499 | 10,947 | 11,283 | 11,168 | 11,392 | 11,303 | 11,475 | 11,427 | r11,814 | r11,692 | 11,501 |
| Blast furnaces, steel mills | do | | | 4,973 | 4,863 | 4,845 | 4,765 | 4,401 | 4,561 | 4,565 | 4,666 | 4,542 | 4,693 | 4,654 | r4,754 | r4,765 | 4,659 |
| Fabricated metal products | do | | | 14,060 | 13,939 | 13,983 | 14,114 | 13,943 | 13,570 | 13,837 | 14,148 | 13,794 | 14,547 | 14,273 | r14,202 | r14,236 | 14,249 |
| Machinery, except electrical | do | | | 22,842 | 22,245 | 21,985 | 22,355 | 22,206 | 22,213 | 22,449 | 23,105 | 22,058 | 22,084 | 22,104 | r21,239 | r22,489 | 22,268 |
| Electrical machinery | do | | | 20,064 | 20,312 | 19,930 | 19,994 | 20,839 | 19,900 | 20,593 | 20,243 | 20,197 | 20,642 | 20,601 | r20,604 | r20,409 | 20,604 |
| Transportation equipment | do | | | 35,295 | 32,167 | 29,819 | 31,142 | 30,455 | 25,429 | 30,843 | 32,141 | 30,821 | 33,438 | 34,692 | r33,114 | r35,554 | 32,127 |
| Motor vehicles and parts | do | | | 22,598 | 19,239 | 18,518 | 19,829 | 18,357 | 13,735 | 18,374 | 19,935 | 18,718 | 21,134 | 21,353 | r20,433 | r22,165 | 18,991 |
| Instruments and related products | do | | | 6,344 | 6,549 | 6,595 | 6,564 | 6,658 | 6,587 | 6,539 | 6,571 | 6,548 | 6,668 | 6,640 | r6,568 | r6,701 | 6,525 |
| Nondurable goods industries, total # | do | | | 109,803 | 109,169 | 110,155 | 109,617 | 109,005 | 109,988 | 111,248 | 112,210 | 112,228 | 112,356 | 112,177 | r112,744 | r117,027 | 119,316 |
| Food and kindred products | do | | | 32,968 | 32,258 | 32,882 | 32,858 | 32,776 | 32,550 | 33,290 | 33,737 | 33,331 | 33,890 | 34,006 | r33,806 | r34,204 | 34,177 |
| Tobacco products | do | | | 1,961 | 2,008 | 2,323 | 2,134 | 2,003 | 2,111 | 2,017 | 2,001 | 2,413 | 2,213 | 1,918 | r2,338 | r2,384 | 2,128 |
| Textile mill products | do | | | 5,342 | 5,216 | 5,311 | 5,395 | 4,818 | 5,254 | 5,208 | 5,180 | 5,106 | 5,160 | 5,082 | r4,899 | r4,959 | 4,830 |
| Paper and allied products | do | | | 10,885 | 10,857 | 10,976 | 11,007 | 10,561 | 10,678 | 10,767 | 10,985 | 10,801 | 11,031 | 10,885 | 11,129 | r11,086 | 11,088 |
| Chemicals and allied products | do | | | 21,455 | 20,877 | 21,166 | 21,266 | 21,327 | 21,045 | 21,230 | 21,595 | 21,821 | 21,872 | 21,947 | r22,063 | r22,963 | 22,927 |
| Petroleum and coal products | do | | | 10,992 | 11,902 | 11,924 | 11,492 | 12,211 | 12,849 | 12,672 | 12,452 | 12,257 | 11,969 | 11,906 | r11,952 | r14,969 | 17,606 |
| Rubber and plastics products | do | | | 8,246 | 7,943 | 7,556 | 7,512 | 7,651 | 7,477 | 7,590 | 7,659 | 7,472 | 7,418 | 7,493 | r7,790 | r7,576 | 7,568 |

See footnotes at end of tables.

## GENERAL BUSINESS INDICATORS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued** | | | | | | | | | | | | | | | | | |
| Shipments (seas. adj.)—Continued | | | | | | | | | | | | | | | | | |
| By market category: | | | | | | | | | | | | | | | | | |
| Home goods and apparel | mil. $ | [1]170,754 | [1]177,232 | 14,823 | 14,657 | 14,918 | 14,745 | 14,843 | 14,525 | 14,622 | 14,512 | 14,108 | 14,743 | 14,699 | [r]14,396 | [r]14,352 | 14,231 |
| Consumer staples | do | [1]501,447 | [1]550,072 | 46,622 | 46,076 | 46,808 | 46,780 | 47,144 | 46,630 | 47,318 | 48,081 | 48,323 | 48,561 | 48,239 | [r]48,756 | [r]49,198 | 48,719 |
| Equipment and defense products, except auto | do | [1]433,758 | [1]465,007 | 40,285 | 40,530 | 38,644 | 39,184 | 39,904 | 39,973 | 41,044 | 40,638 | 39,981 | 39,994 | 40,893 | [r]40,063 | [r]41,115 | 40,727 |
| Automotive equipment | do | [1]248,092 | [1]261,236 | 24,963 | 21,578 | 20,933 | 22,205 | 20,689 | 15,967 | 20,716 | 22,303 | 21,004 | 23,459 | 23,432 | [r]22,660 | [r]24,414 | 21,278 |
| Construction materials, supplies, and intermediate products | do | [1]204,748 | [1]210,051 | 17,899 | 17,463 | 17,767 | 17,700 | 17,017 | 17,677 | 17,903 | 17,529 | 17,374 | 17,864 | 17,624 | [r]17,563 | [r]17,310 | 16,967 |
| Other materials, supplies, and intermediate products | do | [1]1,052,790 | [1]1,117,978 | 93,558 | 93,258 | 92,925 | 92,212 | 91,406 | 91,932 | 92,869 | 94,236 | 93,469 | 94,242 | 94,573 | [r]94,396 | [r]99,257 | 101,922 |
| Supplementary series: | | | | | | | | | | | | | | | | | |
| Household durables | do | [1]79,081 | [1]83,076 | 6,918 | 6,758 | 7,025 | 6,997 | 7,172 | 6,882 | 7,069 | 7,047 | 6,703 | 6,918 | 6,921 | [r]6,898 | [r]6,838 | 6,895 |
| Capital goods industries | do | [1]487,056 | [1]520,016 | 45,082 | 44,962 | 42,424 | 42,875 | 44,759 | 43,680 | 44,984 | 44,970 | 44,214 | 44,474 | 45,721 | [r]44,048 | [r]45,826 | 45,594 |
| Nondefense | do | [1]380,418 | [1]413,797 | 36,146 | 35,730 | 34,171 | 34,122 | 34,961 | 35,187 | 36,826 | 36,154 | 35,296 | 35,297 | 36,623 | [r]35,095 | [r]36,719 | 36,618 |
| Defense | do | [1]106,638 | [1]106,219 | 8,936 | 9,232 | 8,253 | 8,753 | 9,798 | 8,493 | 8,158 | 8,816 | 8,918 | 9,177 | 9,098 | [r]8,953 | [r]9,107 | 8,976 |
| Inventories, end of year or month: | | | | | | | | | | | | | | | | | |
| Book value (non-LIFO basis), (unadjusted), total | do | 348,465 | 364,814 | 372,752 | 369,102 | 370,808 | 371,439 | 364,814 | 372,997 | 375,074 | 372,287 | 374,561 | 375,885 | 370,560 | [r]374,549 | [r]375,909 | 374,912 |
| Durable goods industries, total | do | 229,040 | 241,304 | 247,377 | 244,580 | 245,807 | 246,486 | 241,304 | 246,692 | 248,350 | 246,081 | 248,294 | 249,419 | 245,153 | [r]247,431 | [r]247,822 | 245,857 |
| Nondurable goods industries, total | do | 119,425 | 123,510 | 125,375 | 124,522 | 125,001 | 124,953 | 123,510 | 126,305 | 126,724 | 126,206 | 126,267 | 126,466 | 125,407 | [r]127,118 | [r]128,087 | 129,055 |
| Book value (non-LIFO basis), (seasonally adjusted), total | do | 354,163 | 371,082 | 371,489 | 370,890 | 371,712 | 372,813 | 371,082 | 374,126 | 373,169 | 371,746 | 372,300 | 372,384 | 370,693 | [r]373,285 | [r]374,298 | 376,530 |
| By industry group: | | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | do | 233,666 | 246,222 | 246,378 | 245,621 | 246,427 | 247,610 | 246,222 | 248,273 | 247,095 | 245,435 | 246,609 | 246,530 | 244,902 | [r]246,456 | [r]246,653 | 246,937 |
| Stone, clay, and glass products | do | 7,505 | 7,800 | 7,799 | 7,844 | 7,870 | 7,832 | 7,800 | 7,770 | 7,758 | 7,727 | 7,751 | 7,668 | 7,748 | [r]7,751 | [r]7,820 | 7,904 |
| Primary metals | do | 20,279 | 20,565 | 21,233 | 21,040 | 20,822 | 20,742 | 20,565 | 20,528 | 20,559 | 20,240 | 20,330 | 20,302 | 20,598 | [r]20,826 | [r]21,149 | 21,406 |
| Blast furnaces, steel mills | do | 10,119 | 10,509 | 10,657 | 10,613 | 10,533 | 10,570 | 10,509 | 10,629 | 10,672 | 10,482 | 10,477 | 10,352 | 10,381 | [r]10,508 | [r]10,669 | 10,827 |
| Fabricated metal products | do | 23,552 | 23,303 | 24,170 | 23,934 | 23,761 | 23,732 | 23,303 | 23,970 | 23,933 | 23,681 | 23,657 | 23,511 | 23,346 | [r]23,494 | [r]23,554 | 23,425 |
| Machinery, except electrical | do | 46,729 | 48,061 | 48,370 | 48,429 | 48,411 | 48,681 | 48,061 | 48,339 | 48,277 | 47,714 | 47,943 | 48,094 | 47,487 | [r]47,627 | [r]47,688 | 47,775 |
| Electrical machinery | do | 40,683 | 40,730 | 41,787 | 41,316 | 41,318 | 41,191 | 40,730 | 40,972 | 40,836 | 40,471 | 40,414 | 40,228 | 39,930 | [r]39,976 | [r]39,857 | 39,864 |
| Transportation equipment | do | 63,229 | 72,845 | 70,164 | 69,785 | 70,666 | 71,725 | 72,845 | 73,772 | 73,119 | 72,869 | 73,709 | 74,031 | 73,309 | [r]74,388 | [r]73,999 | 73,793 |
| Motor vehicles and parts | do | 11,839 | 11,846 | 12,686 | 12,339 | 12,433 | 12,310 | 11,846 | 12,167 | 11,845 | 11,625 | 11,880 | 12,045 | 11,842 | [r]12,415 | [r]12,136 | 12,061 |
| Instruments and related products | do | 14,040 | 14,017 | 14,095 | 14,277 | 14,350 | 14,452 | 14,017 | 14,160 | 14,095 | 14,067 | 13,999 | 13,877 | 13,692 | [r]13,695 | [r]13,587 | 13,532 |
| By stage of fabrication: | | | | | | | | | | | | | | | | | |
| Materials and supplies | do | 65,252 | 67,375 | 67,746 | 67,611 | 68,010 | 68,058 | 67,375 | 68,092 | 67,402 | 66,744 | 66,689 | 66,814 | 66,424 | [r]66,924 | [r]66,444 | 66,411 |
| Work in process | do | 108,392 | 117,303 | 116,560 | 115,477 | 115,756 | 117,051 | 117,303 | 118,854 | 117,691 | 116,921 | 117,810 | 117,482 | 116,326 | [r]117,202 | [r]117,530 | 118,180 |
| Finished goods | do | 60,022 | 61,544 | 62,072 | 62,533 | 62,661 | 62,501 | 61,544 | 61,327 | 62,002 | 61,770 | 62,110 | 62,234 | 62,152 | [r]62,330 | [r]62,679 | 62,346 |
| Nondurable goods industries, total # | do | 120,497 | 124,860 | 125,111 | 125,269 | 125,285 | 125,203 | 124,860 | 125,853 | 126,074 | 126,311 | 125,691 | 125,854 | 125,791 | [r]126,829 | [r]127,645 | 129,593 |
| Food and kindred products | do | 26,361 | 26,342 | 26,326 | 26,442 | 26,243 | 26,283 | 26,342 | 26,365 | 26,470 | 26,677 | 26,683 | 26,835 | 26,877 | [r]27,079 | [r]27,256 | 27,639 |
| Tobacco products | do | 5,609 | 5,459 | 5,659 | 5,587 | 5,583 | 5,551 | 5,459 | 5,723 | 5,837 | 5,748 | 5,727 | 5,633 | 5,712 | [r]5,722 | [r]5,852 | 5,817 |
| Textile mill products | do | 7,605 | 8,153 | 8,093 | 8,086 | 8,140 | 8,071 | 8,153 | 8,289 | 8,383 | 8,387 | 8,420 | 8,417 | 8,294 | [r]8,302 | [r]8,335 | 8,399 |
| Paper and allied products | do | 12,065 | 12,571 | 12,572 | 12,597 | 12,605 | 12,554 | 12,571 | 12,725 | 12,699 | 12,649 | 12,651 | 12,696 | 12,773 | [r]12,842 | [r]12,747 | 12,763 |
| Chemicals and allied products | do | 27,515 | 28,918 | 29,396 | 29,415 | 29,386 | 29,273 | 28,918 | 28,553 | 28,497 | 28,735 | 28,890 | 28,973 | 29,003 | [r]29,199 | [r]29,109 | 29,367 |
| Petroleum and coal products | do | 8,879 | 10,440 | 10,452 | 10,335 | 10,370 | 10,286 | 10,440 | 11,276 | 11,310 | 11,389 | 10,943 | 10,784 | 10,514 | [r]10,648 | [r]11,379 | 12,587 |
| Rubber and plastics products | do | 10,326 | 10,542 | 10,631 | 10,629 | 10,640 | 10,592 | 10,542 | 10,422 | 10,337 | 10,199 | 10,208 | 10,343 | 10,363 | [r]10,435 | [r]10,459 | 10,590 |
| By stage of fabrication: | | | | | | | | | | | | | | | | | |
| Materials and supplies | do | 47,294 | 46,789 | 47,073 | 46,643 | 46,769 | 47,069 | 46,789 | 46,721 | 46,743 | 47,063 | 46,876 | 46,738 | 46,622 | [r]47,036 | [r]47,357 | 47,706 |
| Work in process | do | 19,291 | 20,925 | 20,919 | 20,985 | 21,405 | 21,146 | 20,925 | 20,993 | 20,897 | 20,880 | 20,760 | 20,905 | 20,588 | [r]20,706 | [r]21,148 | 21,721 |
| Finished goods | do | 53,912 | 57,146 | 57,119 | 57,641 | 57,111 | 56,988 | 57,146 | 58,139 | 58,434 | 58,368 | 58,055 | 58,211 | 58,581 | [r]59,087 | [r]59,140 | 60,166 |
| By market category: | | | | | | | | | | | | | | | | | |
| Home goods and apparel | do | 26,313 | 27,766 | 27,218 | 27,548 | 27,729 | 27,937 | 27,766 | 28,025 | 28,007 | 27,973 | 27,648 | 27,644 | 27,479 | [r]27,197 | [r]27,273 | 27,304 |
| Consumer staples | do | 44,900 | 45,526 | 45,788 | 45,777 | 45,731 | 45,711 | 45,526 | 46,062 | 46,226 | 46,315 | 46,399 | 46,476 | 46,611 | [r]47,060 | [r]47,305 | 47,714 |
| Equip. and defense prod., exc. auto | do | 105,287 | 114,147 | 112,073 | 111,923 | 112,353 | 113,574 | 114,147 | 114,892 | 114,019 | 113,507 | 114,156 | 114,393 | 113,092 | [r]113,508 | [r]113,617 | 113,542 |
| Automotive equipment | do | 14,611 | 14,818 | 15,845 | 15,428 | 15,447 | 15,266 | 14,818 | 15,145 | 14,882 | 14,677 | 14,976 | 15,110 | 14,845 | [r]15,482 | [r]15,152 | 15,027 |
| Construction materials, supplies, and intermediate products | do | 25,250 | 25,727 | 26,087 | 26,025 | 26,059 | 25,987 | 25,727 | 25,788 | 25,697 | 25,777 | 25,779 | 25,596 | 25,670 | [r]25,679 | [r]26,030 | 26,368 |
| Other materials, supplies, and intermediate products | do | 137,802 | 143,098 | 144,478 | 144,189 | 144,393 | 144,338 | 143,098 | 144,214 | 144,338 | 143,497 | 143,342 | 143,165 | 142,996 | [r]144,359 | [r]144,921 | 146,575 |
| Supplementary series: | | | | | | | | | | | | | | | | | |
| Household durables | do | 12,791 | 13,531 | 13,513 | 13,687 | 13,688 | 13,717 | 13,531 | 13,664 | 13,565 | 13,604 | 13,589 | 13,568 | 13,467 | [r]13,248 | [r]13,363 | 13,379 |
| Capital goods industries | do | 121,064 | 131,867 | 129,122 | 128,834 | 129,794 | 131,239 | 131,867 | 133,046 | 132,512 | 131,599 | 132,263 | 132,299 | 130,902 | [r]131,552 | [r]131,629 | 131,572 |
| Nondefense | do | 85,691 | 93,930 | 91,720 | 91,803 | 92,075 | 93,098 | 93,930 | 94,432 | 93,686 | 93,041 | 93,426 | 93,573 | 92,434 | [r]93,265 | [r]93,031 | 93,371 |
| Defense | do | 35,373 | 37,937 | 37,402 | 37,031 | 37,719 | 38,141 | 37,937 | 38,614 | 38,826 | 38,558 | 38,837 | 38,726 | 38,468 | [r]38,287 | [r]38,598 | 38,201 |
| New orders, net (unadj.), total | do | 2,659,525 | 2,829,934 | 229,098 | 247,945 | 237,369 | 238,524 | 239,124 | 213,817 | 234,078 | 255,140 | 235,748 | 239,906 | 250,095 | [r]218,472 | [r]237,996 | 258,796 |
| Durable goods industries, total | do | 1,435,605 | 1,520,403 | 118,323 | 132,753 | 125,267 | 130,044 | 133,398 | 110,334 | 123,474 | 139,645 | 123,957 | 128,108 | 133,288 | [r]111,571 | [r]119,189 | 133,411 |
| Nondurable goods industries, total | do | 1,223,920 | 1,309,531 | 110,775 | 115,192 | 112,102 | 108,480 | 105,726 | 103,483 | 110,604 | 115,495 | 111,791 | 111,798 | 116,807 | [r]106,901 | [r]118,807 | 125,385 |
| New orders, net (seas. adj.), total | do | [2]2,659,525 | [2]2,829,934 | 236,793 | 234,354 | 234,067 | 239,710 | 240,752 | 227,572 | 231,759 | 241,071 | 236,026 | 241,102 | 236,578 | [r]240,238 | [r]244,355 | 244,514 |
| By industry group: | | | | | | | | | | | | | | | | | |
| Durable goods industries, total | do | [1]1,435,605 | [1]1,520,403 | 126,766 | 125,227 | 124,262 | 130,175 | 131,719 | 117,909 | 120,782 | 128,872 | 123,609 | 128,737 | 124,692 | [r]128,094 | [r]126,979 | 125,210 |
| Primary metals | do | [1]144,162 | [1]142,294 | 11,251 | 11,399 | 11,022 | 11,249 | 10,932 | 11,393 | 10,910 | 11,786 | 11,594 | 11,886 | 11,499 | [r]11,813 | [r]11,513 | 11,389 |
| Blast furnaces, steel mills | do | [1]60,250 | [1]57,030 | 4,435 | 4,541 | 4,768 | 4,640 | 4,538 | 4,789 | 4,422 | 4,680 | 4,655 | 5,022 | 4,792 | [r]4,840 | [r]4,856 | 4,556 |
| Nonferrous and other primary metals | do | [1]73,301 | [1]75,016 | 5,972 | 6,012 | 5,465 | 5,828 | 5,627 | 5,871 | 5,695 | 6,108 | 6,086 | 5,974 | 5,824 | [r]6,089 | [r]5,674 | 5,965 |
| Fabricated metal products | do | [1]142,607 | [1]159,875 | 13,275 | 13,689 | 13,875 | 13,800 | 13,955 | 13,776 | 13,543 | 14,186 | 13,827 | 14,147 | 14,170 | [r]14,466 | [r]13,980 | 14,764 |
| Machinery, except electrical | do | [1]254,440 | [1]267,116 | 22,643 | 22,554 | 21,476 | 22,676 | 21,778 | 22,471 | 22,343 | 22,334 | 21,500 | 22,275 | 21,778 | [r]22,533 | [r]21,351 | 22,678 |
| Electrical machinery | do | [1]227,382 | [1]240,494 | 19,424 | 20,398 | 20,131 | 21,609 | 22,774 | 19,378 | 19,921 | 19,588 | 20,444 | 20,737 | 20,004 | [r]20,295 | [r]20,699 | 19,387 |
| Transportation equipment | do | [1]389,685 | [1]425,298 | 36,514 | 32,555 | 33,185 | 36,779 | 38,501 | 27,171 | 29,923 | 37,129 | 32,234 | 35,516 | 33,286 | [r]34,812 | [r]35,162 | 32,773 |
| Aircraft, missiles, and parts | do | [1]137,359 | [1]165,658 | 12,426 | 11,570 | 12,135 | 14,901 | 16,287 | 11,747 | 9,109 | 15,364 | 11,108 | 12,394 | 10,755 | [r]13,115 | [r]10,320 | 12,425 |
| Nondurable goods industries, total | do | [1]1,223,920 | [1]1,309,531 | 110,027 | 109,127 | 109,805 | 109,535 | 109,033 | 109,663 | 110,977 | 112,199 | 112,417 | 112,365 | 111,886 | [r]112,144 | [r]117,376 | 119,304 |
| Industries with unfilled orders ‡ | do | [1]311,395 | [1]325,442 | 27,571 | 27,282 | 27,040 | 27,485 | 26,301 | 26,987 | 27,780 | 28,317 | 28,710 | 28,285 | 27,899 | [r]27,665 | [r]28,790 | 28,522 |
| Industries without unfilled orders ◊ | do | [1]912,525 | [1]984,089 | 82,456 | 81,845 | 82,765 | 82,050 | 82,732 | 82,676 | 83,197 | 83,882 | 83,707 | 84,080 | 83,987 | [r]84,479 | [r]88,586 | 90,782 |
| By market category: | | | | | | | | | | | | | | | | | |
| Home goods and apparel | do | [1]170,251 | [1]177,623 | 14,769 | 14,823 | 15,148 | 14,816 | 14,958 | 14,006 | 14,098 | 14,145 | 14,159 | 14,757 | 14,853 | [r]14,326 | [r]14,457 | 14,527 |
| Consumer staples | do | [1]501,623 | [1]550,107 | 46,651 | 46,040 | 46,809 | 46,793 | 47,084 | 46,588 | 47,298 | 48,072 | 48,254 | 48,501 | 48,330 | [r]48,762 | [r]49,227 | 48,719 |
| Equip. and defense prod., exc. auto | do | [1]468,263 | [1]509,043 | 40,089 | 41,707 | 40,634 | 44,506 | 49,545 | 41,891 | 39,536 | 44,492 | 39,126 | 40,586 | 39,558 | [r]42,982 | [r]39,130 | 40,982 |
| Automotive equipment | do | [1]247,752 | [1]260,071 | 24,820 | 21,423 | 20,788 | 22,230 | 20,669 | 15,960 | 20,486 | 22,126 | 21,220 | 23,819 | 23,060 | [r]22,481 | [r]24,297 | 21,007 |
| Construction materials, supplies, and intermediate products | do | [1]205,294 | [1]208,680 | 17,337 | 17,546 | 17,685 | 17,575 | 17,341 | 17,698 | 17,380 | 17,341 | 17,526 | 17,674 | 17,517 | [r]17,680 | [r]17,492 | 17,421 |
| Other materials, supplies, and intermediate products | do | [1]1,066,342 | [1]1,124,410 | 93,127 | 92,815 | 93,003 | 93,790 | 91,155 | 91,429 | 92,961 | 94,895 | 95,741 | 95,765 | 93,260 | [r]94,007 | [r]99,752 | 101,858 |
| Supplementary series: | | | | | | | | | | | | | | | | | |
| Household durables | do | [1]78,863 | [1]83,111 | 6,913 | 6,893 | 7,139 | 6,994 | 7,117 | 6,566 | 6,743 | 6,879 | 6,718 | 6,853 | 7,092 | [r]6,940 | [r]6,826 | 7,009 |
| Capital goods industries | do | [1]530,317 | [1]575,660 | 45,086 | 45,980 | 45,546 | 50,168 | 54,159 | 44,835 | 43,770 | 48,912 | 44,979 | 46,009 | 44,071 | [r]47,315 | [r]44,243 | 46,181 |
| Nondefense | do | [1]420,331 | [1]467,346 | 37,130 | 35,341 | 35,975 | 38,901 | 44,389 | 38,347 | 36,094 | 40,889 | 36,573 | 35,928 | 36,192 | [r]39,840 | [r]35,871 | 38,367 |
| Defense | do | [1]109,986 | [1]108,314 | 7,956 | 10,639 | 9,571 | 11,267 | 9,770 | 6,488 | 7,676 | 8,023 | 8,406 | 10,081 | 7,879 | [r]7,475 | [r]8,372 | 7,814 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **GENERAL BUSINESS INDICATORS—Continued** | | | | | | | | | | | | | | | | | |
| **MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued** | | | | | | | | | | | | | | | | | |
| Unfilled orders, end of period (unadjusted), total | mil. $ | 463,934 | 509,942 | 492,888 | 493,140 | 492,279 | 499,483 | 509,942 | 516,493 | 516,492 | 522,268 | 523,388 | 522,862 | 517,985 | r520,128 | r515,774 | 516,476 |
| Durable goods industries, total | do | 443,957 | 490,624 | 471,779 | 472,195 | 472,112 | 479,895 | 490,624 | 496,945 | 497,023 | 502,271 | 503,170 | 502,837 | 498,159 | r500,663 | r495,942 | 496,779 |
| Nondurable goods industries with unfilled orders ‡ | do | 19,977 | 19,318 | 21,109 | 20,945 | 20,167 | 19,588 | 19,318 | 19,548 | 19,469 | 19,997 | 20,218 | 20,025 | 19,826 | r19,465 | r19,832 | 19,697 |
| Unfilled orders, end of period (seasonally adjusted) total | mil. $ | 468,860 | 514,499 | 495,002 | 495,794 | 497,866 | 504,750 | 514,499 | 515,367 | 512,654 | 516,426 | 518,193 | 520,432 | 517,550 | r519,954 | r518,663 | 519,333 |
| By industry group: | | | | | | | | | | | | | | | | | |
| Durable goods industries, total # | do | 447,868 | 494,196 | 474,253 | 475,087 | 477,509 | 484,475 | 494,196 | 495,389 | 492,947 | 496,730 | 498,308 | 500,538 | 497,947 | r500,951 | r499,311 | 499,993 |
| Primary metals | do | 25,737 | 22,510 | 24,151 | 23,572 | 22,775 | 22,525 | 22,510 | 22,620 | 22,362 | 22,756 | 23,047 | 23,458 | 23,530 | r23,529 | r23,350 | 23,238 |
| Blast furnaces, steel mills | do | 10,903 | 8,730 | 9,117 | 8,795 | 8,718 | 8,593 | 8,730 | 8,958 | 8,815 | 8,829 | 8,942 | 9,271 | 9,409 | r9,495 | r9,586 | 9,483 |
| Nonferrous and other primary metals | do | 12,591 | 11,444 | 12,634 | 12,431 | 11,737 | 11,611 | 11,444 | 11,357 | 11,214 | 11,396 | 11,549 | 11,572 | 11,478 | r11,390 | r10,982 | 10,965 |
| Fabricated metal products | do | 28,406 | 25,550 | 26,210 | 25,960 | 25,852 | 25,538 | 25,550 | 25,756 | 25,462 | 25,500 | 25,533 | 25,133 | 25,030 | r25,294 | r25,038 | 25,553 |
| Machinery, except electrical | do | 59,963 | 61,472 | 61,779 | 62,088 | 61,579 | 61,900 | 61,472 | 61,730 | 61,624 | 60,853 | 60,295 | 60,486 | 60,160 | r61,454 | r60,316 | 60,726 |
| Electrical machinery | do | 93,498 | 94,322 | 89,985 | 90,571 | 90,772 | 92,387 | 94,322 | 93,800 | 93,128 | 92,473 | 92,720 | 92,815 | 92,218 | r91,909 | r92,199 | 90,982 |
| Transportation equipment | do | 212,120 | 262,703 | 245,266 | 245,654 | 249,020 | 254,657 | 262,703 | 264,445 | 263,525 | 268,513 | 269,926 | 272,004 | 270,598 | r272,296 | r271,904 | 272,550 |
| Aircraft, missiles, and parts | do | 174,722 | 224,779 | 208,617 | 209,565 | 212,498 | 218,199 | 224,779 | 226,718 | 225,352 | 231,022 | 232,037 | 234,104 | 233,631 | r235,999 | r234,968 | 236,430 |
| Nondurable goods industries with unfilled orders ‡ | do | 20,992 | 20,303 | 20,749 | 20,707 | 20,357 | 20,275 | 20,303 | 19,978 | 19,707 | 19,696 | 19,885 | 19,894 | 19,603 | r19,003 | r19,352 | 19,340 |
| By market category: | | | | | | | | | | | | | | | | | |
| Home goods and apparel | do | 8,387 | 8,679 | 8,097 | 8,263 | 8,493 | 8,564 | 8,679 | 8,160 | 7,636 | 7,269 | 7,320 | 7,334 | 7,488 | r7,418 | r7,523 | 7,819 |
| Consumer staples | do | 836 | 867 | 949 | 913 | 914 | 927 | 867 | 825 | 805 | 796 | 727 | 667 | 758 | r764 | r793 | 793 |
| Equip. and defense prod., excl. auto | do | 286,731 | 328,716 | 310,586 | 311,763 | 313,753 | 319,075 | 328,716 | 330,634 | 329,126 | 332,980 | 332,125 | 332,717 | 331,382 | r334,301 | r332,316 | 332,571 |
| Automotive equipment | do | 8,888 | 7,677 | 7,972 | 7,817 | 7,672 | 7,697 | 7,677 | 7,670 | 7,440 | 7,263 | 7,479 | 7,839 | 7,467 | r7,288 | r7,171 | 6,900 |
| Construction materials, supplies, and intermediate products | do | 15,541 | 13,989 | 13,789 | 13,872 | 13,790 | 13,665 | 13,989 | 14,010 | 13,487 | 13,299 | 13,451 | 13,261 | 13,154 | r13,271 | r13,453 | 13,907 |
| Other materials, supplies, and intermediate products | do | 148,477 | 154,571 | 153,609 | 153,166 | 153,244 | 154,822 | 154,571 | 154,068 | 154,160 | 154,819 | 157,091 | 158,614 | 157,301 | r156,912 | r157,407 | 157,343 |
| Supplementary series: | | | | | | | | | | | | | | | | | |
| Household durables | do | 6,122 | 6,099 | 5,908 | 6,043 | 6,157 | 6,154 | 6,099 | 5,783 | 5,457 | 5,289 | 5,304 | 5,239 | 5,410 | r5,452 | r5,440 | 5,554 |
| Capital goods industries | do | 345,037 | 398,602 | 377,769 | 378,787 | 381,909 | 389,202 | 398,602 | 399,757 | 398,543 | 402,485 | 403,250 | 404,785 | 403,135 | r406,402 | r404,819 | 405,406 |
| Nondefense | do | 179,640 | 231,182 | 215,560 | 215,171 | 216,975 | 221,754 | 231,182 | 234,342 | 233,610 | 238,345 | 239,622 | 240,253 | 239,822 | r244,567 | r243,719 | 245,468 |
| Defense | do | 165,397 | 167,420 | 162,209 | 163,616 | 164,934 | 167,448 | 167,420 | 165,415 | 164,933 | 164,140 | 163,628 | 164,532 | 163,313 | r161,835 | r161,100 | 159,938 |
| **BUSINESS INCORPORATIONS @** | | | | | | | | | | | | | | | | | |
| New incorporations (50 States and Dist. Col.): | | | | | | | | | | | | | | | | | |
| Unadjusted | number | 685,095 | 678,421 | 56,755 | 51,014 | 53,175 | 50,214 | 54,017 | 62,189 | 54,150 | 63,755 | 56,210 | 57,208 | 55,720 | 49,588 | | |
| Seasonally adjusted | do | | | 56,642 | 54,502 | 53,282 | 55,180 | 57,040 | 59,397 | 56,821 | 56,271 | 55,000 | 53,316 | 54,097 | 51,440 | | |
| **INDUSTRIAL AND COMMERCIAL FAILURES @** | | | | | | | | | | | | | | | | | |
| Failures, total | number | 57,099 | 49,719 | 4,231 | 3,676 | 4,226 | 3,989 | 3,684 | | | | | | | | | |
| Commercial service | do | 22,782 | 17,399 | 1,394 | 1,230 | 1,299 | 1,325 | 1,229 | | | | | | | | | |
| Construction | do | 6,828 | 6,829 | 628 | 532 | 607 | 530 | 498 | | | | | | | | | |
| Manufacturing and mining | do | 4,719 | 4,184 | 387 | 336 | 387 | 380 | 291 | | | | | | | | | |
| Retail trade | do | 11,487 | 10,803 | 920 | 832 | 968 | 832 | 799 | | | | | | | | | |
| Wholesale trade | do | 4,459 | 3,606 | 314 | 275 | 319 | 287 | 264 | | | | | | | | | |
| Liabilities (current), total | mil. $ | 35,908.1 | 35,663.6 | 2,960.0 | 1,751.2 | 2,223.9 | 2,000.8 | 5,085.4 | | | | | | | | | |
| Commercial service | do | 7,987.2 | 6,310.0 | 596.8 | 453.6 | 487.4 | 566.0 | 554.4 | | | | | | | | | |
| Construction | do | 1,878.6 | 2,583.1 | 188.9 | 169.7 | 225.7 | 115.0 | 914.2 | | | | | | | | | |
| Manufacturing and mining | do | 4,550.0 | 3,802.6 | 264.8 | 259.8 | 159.9 | 185.9 | 945.5 | | | | | | | | | |
| Retail trade | do | 3,936.4 | 3,203.3 | 1,091.6 | 229.9 | 201.1 | 158.7 | 235.5 | | | | | | | | | |
| Wholesale trade | do | 2,071.7 | 1,026.6 | 86.2 | 45.6 | 93.9 | 104.9 | 110.2 | | | | | | | | | |
| Failure annual rate | No. per 10,000 concerns | 98.0 | | | | | | | | | | | | | | | |
| **COMMODITY PRICES** | | | | | | | | | | | | | | | | | |
| **PRICES RECEIVED AND PAID BY FARMERS †** | | | | | | | | | | | | | | | | | |
| Prices received, all farm products | 1910-14=100 | 633 | 673 | 661 | 655 | 662 | 672 | 679 | 705 | 693 | 686 | 689 | 703 | 691 | 694 | r688 | 678 |
| Crops # | do | 547 | 580 | 554 | 547 | 551 | 555 | 548 | 587 | 577 | 555 | 566 | 580 | 557 | 564 | r545 | 530 |
| Commercial vegetables | do | 716 | 775 | 685 | 657 | 703 | 666 | 699 | 1,260 | 1,119 | 722 | 591 | 620 | 590 | 661 | r686 | 649 |
| Cotton | do | 485 | 502 | 508 | 540 | 555 | 552 | 519 | 505 | 512 | 541 | 549 | 552 | 526 | 531 | r545 | 550 |
| Feed grains and hay | do | 378 | 405 | 379 | 379 | 371 | 373 | 375 | 379 | 379 | 387 | 406 | 428 | 419 | 415 | r399 | 368 |
| Food grains | do | 378 | 428 | 417 | 416 | 418 | 412 | 419 | 414 | 399 | 392 | 391 | 382 | 349 | 319 | r296 | 285 |
| Fruit | do | 683 | 704 | 682 | 736 | 771 | 773 | 674 | 616 | 638 | 662 | 727 | 754 | 707 | 759 | r692 | 746 |
| Tobacco | do | 1,336 | 1,318 | 1,384 | 1,444 | 1,418 | 1,435 | 1,438 | 1,398 | 1,396 | 1,396 | 1,432 | 1,432 | 1,432 | 1,400 | r1,387 | 1,505 |
| Livestock and products # | do | 721 | 769 | 773 | 768 | 780 | 796 | 816 | 827 | 814 | 822 | 818 | 831 | 831 | 831 | r838 | 833 |
| Dairy products | do | 746 | 826 | 807 | 856 | 905 | 954 | 979 | 960 | 881 | 838 | 820 | 826 | 844 | 863 | r875 | 881 |
| Meat animals | do | 949 | 983 | 996 | 968 | 986 | 988 | 1,017 | 1,042 | 1,059 | 1,072 | 1,088 | 1,120 | 1,113 | 1,107 | r1,112 | 1,090 |
| Poultry and eggs | do | 269 | 314 | 315 | 312 | 291 | 306 | 308 | 316 | 298 | 330 | 302 | 288 | 289 | 286 | 293 | 307 |
| Prices paid: | | | | | | | | | | | | | | | | | |
| Production items | do | 908 | 956 | | | 955 | | | 974 | | | 980 | | | 983 | | |
| All commodities and services, interest, taxes, and wage rates (parity index) | 1910-14=100 | 1,167 | 1,220 | | | 1,224 | | | 1,246 | | | 1,260 | | | 1,265 | | |
| Parity ratio § | do | 54 | 55 | 54 | 53 | 54 | 55 | 55 | 57 | | | 55 | | | 55 | | |
| **CONSUMER PRICES** *(U.S. Department of Labor Indexes)* | | | | | | | | | | | | | | | | | |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| **ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS (CPI-W)** | 1982-84=100 | 117.0 | 122.6 | 123.2 | 123.6 | 124.2 | 124.4 | 124.6 | 125.9 | 126.4 | 127.1 | 127.3 | 127.5 | 128.3 | 128.7 | 129.9 | 131.1 |
| **ALL ITEMS, ALL URBAN CONSUMERS (CPI-U)** | 1982-84=100 | 118.3 | 124.0 | 124.6 | 125.0 | 125.6 | 125.9 | 126.1 | 127.4 | 128.0 | 128.7 | 128.9 | 129.2 | 129.9 | 130.4 | 131.6 | 132.7 |
| Special group indexes: | | | | | | | | | | | | | | | | | |
| All items less shelter | do | 115.9 | 121.6 | 122.0 | 122.6 | 123.1 | 123.3 | 123.5 | 125.0 | 125.7 | 126.2 | 126.5 | 126.7 | 127.3 | 127.5 | 128.6 | 130.1 |
| All items less food | do | 118.3 | 123.7 | 124.3 | 124.8 | 125.4 | 125.6 | 125.8 | 126.7 | 127.3 | 128.1 | 128.4 | 128.7 | 129.4 | 130.0 | 131.3 | 132.6 |
| All items less medical care | do | 117.0 | 122.4 | 123.0 | 123.4 | 124.0 | 124.2 | 124.4 | 125.7 | 126.2 | 126.9 | 127.1 | 127.3 | 128.0 | 128.5 | 129.6 | 130.8 |

See footnotes at end of tables.

## COMMODITY PRICES—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONSUMER PRICES—Continued** *(U.S. Department of Labor Indexes)—Continued* | | | | | | | | | | | | | | | | | |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| All items (CPI-U)—Continued | | | | | | | | | | | | | | | | | |
| Commodities | 1982-84=100 | 111.5 | 116.7 | 116.7 | 117.3 | 118.1 | 118.3 | 118.2 | 119.9 | 120.6 | 121.1 | 121.4 | 121.4 | 121.6 | 121.6 | 122.8 | 124.6 |
| Nondurables | do | 111.8 | 118.2 | 118.4 | 119.3 | 120.1 | 120.0 | 119.8 | 122.0 | 122.9 | 123.8 | 124.2 | 124.2 | 124.6 | 124.6 | 126.3 | 128.7 |
| Nondurables less food | do | 105.8 | 111.7 | 111.5 | 112.9 | 114.1 | 113.6 | 112.6 | 114.2 | 115.0 | 116.5 | 117.4 | 117.5 | 117.6 | 117.0 | 119.9 | 124.1 |
| Durables | do | 110.4 | 112.2 | 111.4 | 111.3 | 112.1 | 113.0 | 113.5 | 113.8 | 113.7 | 113.4 | 113.1 | 113.2 | 112.9 | 113.0 | 112.9 | 112.8 |
| Commodities less food | do | 107.7 | 112.0 | 111.6 | 112.4 | 113.4 | 113.4 | 113.0 | 114.1 | 114.6 | 115.4 | 115.9 | 115.9 | 115.8 | 115.5 | 117.2 | 119.8 |
| Services | do | 125.7 | 131.9 | 133.1 | 133.4 | 133.7 | 134.1 | 134.6 | 135.4 | 136.0 | 136.9 | 137.1 | 137.6 | 138.8 | 139.9 | 140.9 | 141.4 |
| Food # | do | 118.2 | 125.1 | 125.8 | 126.1 | 126.5 | 126.9 | 127.4 | 130.4 | 131.3 | 131.5 | 131.3 | 131.3 | 132.0 | 132.7 | 132.9 | 133.2 |
| Food at home | do | 116.6 | 124.2 | 124.9 | 125.0 | 125.4 | 125.8 | 126.5 | 131.0 | 132.1 | 131.9 | 131.1 | 130.9 | 131.7 | 132.5 | 132.7 | 132.9 |
| Housing | do | 118.5 | 123.0 | 124.2 | 124.3 | 124.4 | 124.5 | 124.9 | 125.9 | 126.1 | 126.8 | 126.8 | 127.1 | 128.3 | 129.2 | 130.2 | 130.5 |
| Shelter # | do | 127.1 | 132.8 | 134.1 | 134.1 | 134.8 | 135.2 | 135.6 | 136.3 | 136.6 | 137.8 | 138.0 | 138.3 | 139.5 | 141.1 | 142.4 | 142.3 |
| Rent, residential | do | 127.8 | 132.8 | 133.5 | 133.9 | 134.7 | 135.2 | 135.5 | 135.8 | 136.0 | 136.5 | 137.0 | 137.3 | 137.9 | 138.7 | 139.4 | 140.0 |
| Homeowners' cost | 12/82=100 | 131.1 | 137.3 | 138.1 | 138.9 | 139.7 | 140.3 | 140.9 | 141.1 | 141.0 | 142.2 | 142.5 | 143.1 | 144.4 | 145.4 | 146.5 | 147.0 |
| Fuel and other utilities # | 1982-84=100 | 104.4 | 107.8 | 109.7 | 109.7 | 108.0 | 107.5 | 108.4 | 110.8 | 110.2 | 109.9 | 109.4 | 109.9 | 112.2 | 111.3 | 112.7 | 114.0 |
| Fuel oil and other household fuel commodities | do | 78.1 | 81.7 | 78.9 | 79.3 | 82.0 | 83.9 | 88.7 | 113.1 | 95.4 | 91.5 | 89.6 | 88.0 | 84.9 | 82.7 | 91.8 | 104.4 |
| Gas (piped) and electricity | do | 104.6 | 107.5 | 111.3 | 111.0 | 107.6 | 106.1 | 107.0 | 107.5 | 108.3 | 107.9 | 106.8 | 107.8 | 112.4 | 111.7 | 111.6 | 112.4 |
| Household furnishings and operation | do | 109.4 | 111.2 | 111.4 | 111.7 | 111.9 | 111.9 | 111.7 | 112.1 | 112.8 | 112.8 | 112.8 | 113.2 | 113.1 | 113.6 | 113.3 | 113.8 |
| Apparel and upkeep | do | 115.4 | 118.6 | 115.0 | 120.0 | 122.7 | 122.1 | 119.2 | 116.7 | 120.4 | 125.4 | 126.7 | 125.5 | 123.3 | 120.8 | 122.2 | 126.8 |
| Transportation | do | 108.7 | 114.1 | 114.3 | 113.7 | 114.5 | 115.0 | 115.2 | 117.2 | 117.1 | 116.8 | 117.3 | 117.7 | 118.2 | 118.4 | 120.6 | 123.0 |
| Private | do | 107.6 | 112.9 | 113.1 | 112.4 | 113.3 | 113.7 | 113.9 | 115.9 | 115.6 | 115.1 | 115.5 | 115.9 | 116.4 | 116.6 | 119.0 | 121.4 |
| New cars | do | 116.9 | 119.2 | 117.7 | 117.0 | 118.6 | 120.5 | 121.8 | 122.3 | 121.9 | 121.3 | 120.7 | 120.7 | 120.3 | 119.8 | 119.5 | 119.0 |
| Used cars | do | 118.0 | 120.4 | 120.3 | 119.8 | 119.7 | 120.1 | 119.7 | 118.9 | 117.4 | 116.6 | 116.2 | 116.9 | 117.6 | 118.2 | 118.3 | 118.3 |
| Public | do | 123.3 | 129.5 | 130.1 | 130.1 | 130.6 | 131.3 | 131.7 | 134.2 | 136.7 | 139.1 | 140.3 | 140.9 | 141.5 | 141.6 | 141.9 | 144.0 |
| Medical care | do | 138.6 | 149.3 | 150.7 | 151.7 | 152.7 | 153.9 | 154.4 | 155.9 | 157.5 | 158.7 | 159.8 | 160.8 | 161.9 | 163.5 | 165.0 | 165.8 |
| **Seasonally Adjusted ‡** | | | | | | | | | | | | | | | | | |
| All items, percent change from previous month | | | | .0 | .2 | .5 | .3 | .4 | 1.1 | .5 | .4 | .1 | .1 | .6 | .3 | .8 | .8 |
| Commodities | 1982-84=100 | | | 116.8 | 117.1 | 117.7 | 118.0 | 118.2 | 120.3 | 121.0 | 121.3 | 121.2 | 121.1 | 121.7 | 122.0 | 123.0 | 124.4 |
| Commodities less food | do | | | 111.9 | 112.2 | 112.8 | 112.9 | 113.1 | 114.9 | 115.6 | 115.8 | 115.8 | 115.7 | 116.1 | 116.3 | 117.6 | 119.5 |
| Food | do | | | 125.9 | 126.3 | 126.8 | 127.4 | 128.0 | 130.5 | 131.1 | 131.5 | 131.2 | 131.2 | 132.2 | 132.7 | 133.1 | 133.4 |
| Food at home | do | | | 124.9 | 125.1 | 125.6 | 126.5 | 127.1 | 130.8 | 131.5 | 131.7 | 130.8 | 130.5 | 131.8 | 132.3 | 132.7 | 133.0 |
| Apparel and upkeep | do | | | 116.9 | 118.6 | 119.4 | 119.4 | 119.0 | 119.0 | 122.9 | 124.9 | 125.0 | 124.6 | 124.5 | 124.2 | 124.3 | 125.2 |
| Transportation | do | | | 114.2 | 113.9 | 114.5 | 114.6 | 115.0 | 117.4 | 117.7 | 117.6 | 117.7 | 117.5 | 118.0 | 118.3 | 120.4 | 123.2 |
| Private | do | | | 113.0 | 112.7 | 113.3 | 113.4 | 113.8 | 116.2 | 116.3 | 116.0 | 116.1 | 115.8 | 116.3 | 116.6 | 118.8 | 121.7 |
| New cars | do | | | 118.5 | 118.1 | 118.8 | 119.8 | 120.8 | 121.6 | 121.4 | 121.2 | 120.9 | 120.7 | 120.5 | 120.1 | 120.3 | 120.1 |
| Services | do | | | 132.7 | 133.0 | 133.6 | 134.2 | 134.9 | 135.7 | 136.2 | 137.1 | 137.5 | 137.9 | 138.8 | 139.6 | 140.6 | 141.1 |
| **PRODUCER PRICES §** *(U.S. Department of Labor Indexes)* | | | | | | | | | | | | | | | | | |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| All commodities | 1982=100 | 106.9 | 112.2 | 112.0 | 112.4 | 112.8 | 112.7 | 113.0 | 114.9 | 114.4 | 114.2 | 114.1 | r114.6 | 114.2 | 114.3 | 116.5 | 118.3 |
| By stage of processing: | | | | | | | | | | | | | | | | | |
| Crude materials for further processing | do | 96.0 | 103.1 | 101.1 | 102.3 | 102.1 | 102.6 | 104.2 | 106.5 | 106.8 | 105.6 | 103.0 | r104.7 | 101.0 | 101.2 | 110.2 | 115.1 |
| Intermediate materials, supplies, and components | do | 107.1 | 112.0 | 112.0 | 112.4 | 112.3 | 112.0 | 111.9 | 113.4 | 112.5 | 112.4 | 112.8 | r113.1 | 112.9 | 113.0 | 114.4 | 116.3 |
| Finished goods # | do | 108.0 | 113.6 | 113.4 | 113.6 | 114.9 | 114.9 | 115.4 | 117.6 | 117.4 | 117.2 | 117.2 | 117.7 | 117.9 | 118.0 | 119.2 | 120.3 |
| Finished consumer goods | do | 106.2 | 112.1 | 111.9 | 112.2 | 113.3 | 113.2 | 113.9 | 116.7 | 116.4 | 115.9 | 115.8 | 116.5 | 116.7 | 116.9 | 118.4 | 119.8 |
| Capital equipment | do | 114.3 | 118.8 | 119.0 | 118.9 | 120.5 | 120.8 | 120.8 | 121.2 | 121.6 | 121.9 | 122.2 | r122.2 | 122.3 | 122.5 | 122.9 | 122.9 |
| By durability of product: | | | | | | | | | | | | | | | | | |
| Durable goods | do | 114.7 | 119.0 | 119.0 | 119.2 | 120.2 | 119.9 | 119.7 | 120.0 | 120.0 | 120.4 | 120.9 | r120.9 | 120.9 | 121.0 | 121.5 | 121.6 |
| Nondurable goods | do | 101.1 | 107.1 | 106.7 | 107.2 | 107.2 | 107.2 | 107.9 | 110.7 | 109.9 | 109.3 | 108.9 | r109.7 | 109.1 | 109.2 | 112.3 | 115.2 |
| Total manufactures | do | 109.1 | 114.3 | 114.2 | 114.5 | 115.2 | 115.1 | 115.2 | 116.6 | 116.0 | 116.1 | 116.6 | r117.1 | 117.0 | 116.9 | 118.2 | 119.7 |
| Durable manufactures | do | 114.1 | 118.3 | 118.4 | 118.6 | 119.6 | 119.5 | 119.3 | 119.6 | 119.6 | 120.0 | 120.3 | r120.4 | 120.4 | 120.5 | 120.8 | 121.0 |
| Nondurable manufactures | do | 104.1 | 110.2 | 110.0 | 110.4 | 110.7 | 110.7 | 111.0 | 113.3 | 112.1 | 112.2 | 112.8 | r113.5 | 113.4 | 113.1 | 115.3 | 117.9 |
| Farm products, processed foods and feeds | do | 110.0 | 115.4 | 115.0 | 114.5 | 114.5 | 115.5 | 116.6 | 118.3 | 118.4 | 118.9 | 118.5 | r120.1 | 119.7 | 120.0 | 119.2 | 117.9 |
| Farm products | do | 104.9 | 110.9 | 109.3 | 108.0 | 107.8 | 109.0 | 111.5 | 114.9 | 115.7 | 115.3 | 113.3 | r113.7 | 113.1 | 113.7 | 111.5 | 109.0 |
| Foods and feeds, processed | do | 112.7 | 117.8 | 117.9 | 117.9 | 117.9 | 118.9 | 119.3 | 120.2 | 120.0 | 120.9 | 121.2 | r123.5 | 123.1 | 123.3 | 123.1 | 122.4 |
| Industrial commodities | do | 106.3 | 111.6 | 111.4 | 111.9 | 112.4 | 112.1 | 112.3 | 114.1 | 113.6 | 113.2 | 113.2 | r113.5 | 113.1 | 113.2 | 115.9 | 118.3 |
| Chemicals and allied products | do | 116.3 | 123.0 | 121.9 | 121.4 | 121.4 | 121.0 | 121.0 | 121.2 | 121.7 | 121.8 | 121.9 | 122.3 | 122.4 | 122.3 | 122.4 | 124.8 |
| Fuels and related prod., and power | do | 66.7 | 72.9 | 72.0 | 73.9 | 73.7 | 72.8 | 73.7 | 79.8 | 77.0 | 74.6 | 73.4 | r74.1 | 72.4 | 72.4 | 82.4 | 91.0 |
| Furniture and household durables | do | 113.1 | 116.9 | 117.9 | 117.9 | 117.7 | 117.8 | 117.9 | 118.4 | 118.7 | 118.7 | 119.0 | r119.0 | 119.3 | 119.3 | 119.4 | 119.4 |
| Hides, skins, and leather products | do | 131.4 | 136.3 | 137.2 | 138.0 | 138.2 | 138.0 | 139.5 | 138.9 | 141.7 | 141.6 | 142.9 | r143.7 | 142.6 | 142.8 | 142.0 | 141.6 |
| Lumber and wood products | do | 118.9 | 126.7 | 129.0 | 129.0 | 130.9 | 130.0 | 128.5 | 129.0 | 129.7 | 130.5 | 132.4 | 132.0 | 130.6 | 131.1 | 130.1 | 129.5 |
| Machinery and equipment | do | 113.2 | 117.4 | 118.0 | 118.2 | 118.5 | 118.7 | 118.9 | 119.6 | 119.7 | 120.0 | 120.2 | r120.4 | 120.4 | 120.6 | 120.8 | 121.0 |
| Metals and metal products | do | 118.7 | 124.1 | 123.0 | 123.7 | 123.9 | 122.8 | 121.7 | 121.7 | 120.9 | 122.0 | 122.9 | r123.1 | 122.5 | 122.8 | 124.1 | 124.6 |
| Nonmetallic mineral products | do | 111.2 | 112.6 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.8 | 113.9 | 114.2 | 114.3 | r114.5 | 114.6 | 114.5 | 114.6 | 115.0 |
| Pulp, paper, and allied products | do | 130.4 | 137.8 | 138.4 | 138.6 | 139.1 | 139.3 | 139.2 | 140.3 | 140.5 | 140.7 | 140.9 | r141.1 | 140.9 | 141.0 | 141.1 | 141.5 |
| Rubber and plastics products | do | 109.3 | 112.6 | 112.6 | 112.7 | 112.5 | 112.5 | 112.9 | 113.2 | 112.9 | 113.3 | 113.3 | r113.5 | 113.4 | 113.2 | 113.2 | 113.5 |
| Textile products and apparel | do | 109.2 | 112.3 | 112.9 | 113.0 | 113.3 | 113.5 | 113.6 | 114.6 | 114.6 | 114.7 | 114.9 | 114.8 | 114.9 | 114.9 | 114.9 | 115.0 |
| Transportation equip. # | do | 114.3 | 117.7 | 117.1 | 116.6 | 120.0 | 120.0 | 119.8 | 119.7 | 120.2 | 120.3 | 120.5 | r120.4 | 120.8 | 120.7 | 120.9 | 120.9 |
| Motor vehicles and equip | do | 113.1 | 116.2 | 114.5 | 113.8 | 119.6 | 118.8 | 118.6 | 117.2 | 117.3 | 117.0 | 116.9 | r116.6 | 117.4 | 117.2 | 117.0 | 116.6 |
| **Seasonally Adjusted ‡** | | | | | | | | | | | | | | | | | |
| Finished goods, percent change from previous month | | | | −.3 | .7 | .5 | .1 | .6 | 1.9 | .0 | −.2 | −.2 | .1 | .2 | −.1 | 1.3 | 1.6 |
| By stage of processing: | | | | | | | | | | | | | | | | | |
| Crude materials for further processing | 1982=100 | | | 101.1 | 102.3 | 102.6 | 103.2 | 104.7 | 107.0 | 107.3 | 105.9 | 103.1 | r103.0 | 100.1 | 100.7 | 110.1 | 115.2 |
| Intermediate materials, supplies, and components | do | | | 111.8 | 112.2 | 112.4 | 112.2 | 112.2 | 113.6 | 112.7 | 112.8 | 112.9 | r113.0 | 112.6 | 112.6 | 114.1 | 116.2 |
| Finished goods # | do | | | 113.3 | 114.1 | 114.7 | 114.8 | 115.5 | 117.7 | 117.7 | 117.5 | 117.3 | 117.4 | 117.6 | 117.5 | 119.0 | 120.9 |
| Finished consumer goods | do | | | 111.6 | 112.5 | 113.3 | 113.3 | 114.1 | 117.0 | 116.8 | 116.4 | 116.1 | 116.2 | 116.3 | 116.1 | 118.0 | 120.1 |
| Foods | do | | | 118.5 | 118.1 | 119.7 | 120.7 | 121.6 | 124.4 | 125.3 | 124.7 | 123.6 | r124.0 | 123.8 | 123.8 | 124.8 | 123.7 |
| Finished goods, exc. foods | do | | | 108.2 | 109.7 | 110.1 | 109.7 | 110.4 | 113.4 | 112.7 | 112.4 | 112.3 | r112.4 | 112.7 | 112.4 | 114.6 | 118.4 |
| Durable | do | | | 117.8 | 118.7 | 118.6 | 118.7 | 119.2 | 118.6 | 119.0 | 119.4 | 119.3 | r119.5 | 120.4 | 120.6 | 120.8 | 122.0 |
| Nondurable | do | | | 102.7 | 104.5 | 105.1 | 104.4 | 105.3 | 109.7 | 108.5 | 107.9 | 107.9 | r107.9 | 107.9 | 107.4 | 110.5 | 115.2 |
| Capital equipment | do | | | 119.3 | 120.1 | 120.0 | 120.4 | 120.7 | 120.9 | 121.4 | 121.9 | 122.0 | r122.1 | 122.4 | 122.8 | 123.2 | 124.2 |
| **PURCHASING POWER OF THE DOLLAR** | | | | | | | | | | | | | | | | | |
| As measured by: | | | | | | | | | | | | | | | | | |
| Producer prices | 1982=$1.00 | .926 | .880 | .882 | .880 | .870 | .870 | .867 | .850 | .852 | .853 | .853 | .850 | .848 | .847 | .839 | .831 |
| Consumer prices | 1982-84=$1.00 | .846 | .807 | .803 | .800 | .796 | .795 | .793 | .785 | .782 | .777 | .776 | .774 | .770 | .767 | .760 | .754 |

See footnotes at end of tables.

## CONSTRUCTION AND REAL ESTATE

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONSTRUCTION PUT IN PLACE ‡** | | | | | | | | | | | | | | | | | |
| New construction (unadjusted), total | mil. $ | 422,075 | 432,067 | 41,795 | 40,757 | 39,782 | 37,721 | 32,978 | 29,954 | 29,497 | 32,954 | r35,096 | r38,283 | r39,934 | r40,874 | 42,572 | |
| Private, total # | do | 327,102 | 333,515 | 31,564 | 30,389 | 30,450 | 28,931 | 25,486 | 23,057 | 22,828 | 25,751 | r26,939 | r28,787 | r29,632 | r30,469 | 30,753 | |
| Residential | do | 198,101 | 196,551 | 19,062 | 18,112 | 17,799 | 16,665 | 14,020 | 13,028 | 12,674 | 14,803 | r15,907 | r17,061 | r17,661 | r18,111 | 18,192 | |
| New housing units | do | 138,947 | 139,202 | 13,281 | 12,756 | 12,399 | 11,858 | 9,964 | 9,499 | 9,197 | 10,737 | 11,165 | 11,683 | r11,895 | r12,227 | 12,160 | |
| Nonresidential buildings, except farm and public utilities, total # | mil. $ | 97,102 | 103,358 | 9,547 | 9,472 | 9,557 | 9,271 | 8,277 | 7,620 | 7,712 | 8,184 | 8,272 | 8,687 | 8,927 | r9,329 | 9,392 | |
| Industrial | do | 14,930 | 18,507 | 1,717 | 1,826 | 1,787 | 1,690 | 1,635 | 1,415 | 1,542 | 1,622 | 1,646 | 1,749 | 1,760 | r1,956 | 1,834 | |
| Commercial | do | 58,103 | 59,388 | 5,469 | 5,377 | 5,486 | 5,333 | 4,637 | 4,227 | 4,242 | 4,430 | 4,415 | 4,634 | 4,796 | r4,915 | 5,067 | |
| Public utilities: Telecommunications | do | 9,801 | 9,132 | 813 | 728 | 802 | 791 | 879 | 597 | 614 | 768 | 720 | 848 | 782 | 775 | | |
| Public, total # | do | 94,973 | 98,551 | 10,230 | 10,367 | 9,332 | 8,790 | 7,492 | 6,898 | 6,668 | 7,203 | r8,157 | r9,496 | r10,302 | r10,406 | 11,819 | |
| Buildings (excl. military) # | do | 36,163 | 39,202 | 3,805 | 3,668 | 3,442 | 3,446 | 3,276 | 3,133 | 3,131 | 3,296 | r3,531 | r3,735 | r4,076 | r4,035 | 4,632 | |
| Housing and redevelopment | do | 3,366 | 3,841 | 376 | 331 | 349 | 345 | 328 | 286 | 279 | 322 | r316 | r315 | r355 | r331 | 372 | |
| Industrial | do | 1,413 | 1,300 | 121 | 165 | 87 | 93 | 111 | 121 | 79 | 151 | r132 | r100 | r136 | r129 | 156 | |
| Military facilities | do | 3,579 | 3,520 | 317 | 412 | 173 | 305 | 296 | 320 | 324 | 425 | r421 | r455 | r489 | r419 | 420 | |
| Highways and streets | do | 30,141 | 29,502 | 3,639 | 3,492 | 3,245 | 2,620 | 1,826 | 1,465 | 1,400 | 1,492 | 1,971 | 2,823 | 3,147 | r3,192 | 3,883 | |
| New construction (seasonally adjusted at annual rates), total | bil. $ | | | 433.9 | 433.4 | 429.3 | 433.4 | 432.0 | 446.0 | 455.6 | 457.3 | r444.7 | r443.8 | r441.1 | r442.4 | 442.5 | |
| Private, total # | do | | | 335.0 | 332.1 | 332.1 | 329.8 | 325.0 | 338.1 | 343.1 | 347.4 | r338.8 | r334.0 | r329.6 | r333.9 | 327.4 | |
| Residential | do | | | 195.6 | 193.0 | 192.1 | 190.9 | 189.6 | 200.1 | 203.0 | 206.9 | r200.2 | r196.1 | r189.5 | r189.1 | 186.9 | |
| New housing units | do | | | 138.2 | 135.8 | 134.8 | 135.2 | 135.3 | 140.0 | 144.6 | 145.3 | r140.0 | r136.6 | r130.5 | r129.3 | 127.6 | |
| Nonresidential buildings, except farm and public utilities, total # | bil. $ | | | 106.2 | 105.9 | 106.5 | 105.0 | 100.0 | 102.7 | 105.1 | 104.9 | r103.8 | r102.9 | r105.1 | r109.5 | 104.8 | |
| Industrial | do | | | 19.4 | 20.0 | 19.2 | 19.1 | 18.9 | 19.7 | 21.1 | 21.1 | r21.0 | r20.8 | r20.4 | r23.7 | 20.7 | |
| Commercial | do | | | 59.9 | 59.3 | 61.4 | 59.6 | 57.1 | 57.4 | 58.7 | 57.2 | 55.8 | r54.7 | r56.6 | r57.2 | 55.8 | |
| Public utilities: Telecommunications | do | | | 8.6 | 8.6 | 8.6 | 8.9 | 9.8 | 9.1 | 8.9 | 9.4 | 9.4 | 9.5 | 9.3 | 9.2 | | |
| Public, total # | do | | | 99.0 | 101.3 | 97.1 | 103.5 | 107.0 | 107.9 | 112.5 | 109.9 | r106.0 | r109.8 | r111.5 | r108.5 | 115.1 | |
| Buildings (excl. military) # | do | | | 40.1 | 40.0 | 39.6 | 41.6 | 42.5 | 42.3 | 43.7 | 44.0 | r43.5 | r44.4 | r46.3 | r44.5 | 48.4 | |
| Housing and redevelopment | do | | | 4.5 | 4.0 | 4.2 | 4.1 | 3.9 | 3.4 | 3.3 | 3.9 | r3.8 | r3.8 | r4.3 | r4.0 | 4.5 | |
| Industrial | do | | | 1.5 | 2.0 | 1.0 | 1.1 | 1.3 | 1.5 | .9 | 1.8 | r1.6 | r1.2 | 1.6 | 1.5 | 1.9 | |
| Military facilities | do | | | 3.8 | 4.9 | 2.1 | 3.7 | 3.6 | 3.8 | 3.9 | 5.1 | r5.1 | r5.5 | r5.9 | r5.0 | 5.0 | |
| Highways and streets | do | | | 29.2 | 29.7 | 28.4 | 30.4 | 33.5 | 31.9 | 37.0 | 32.4 | r29.7 | r30.7 | r30.3 | r28.8 | 31.4 | |
| **CONSTRUCTION CONTRACTS** | | | | | | | | | | | | | | | | | |
| Construction contracts (F.W. Dodge Division, McGraw-Hill): Valuation, total | mil. $ | 260,752 | 261,163 | 25,884 | r25,267 | 22,669 | 19,137 | 16,629 | 16,471 | 14,863 | 20,919 | 20,160 | 23,576 | 23,027 | 20,893 | 21,539 | 19,248 |
| Index (mo. data seas. adj.) | 1982=100 | [1]166 | [1]170 | 174 | 186 | 183 | 169 | 166 | 161 | 155 | 161 | r147 | r160 | 159 | r152 | 146 | 147 |
| Public ownership | mil. $ | 67,875 | 71,305 | 7,035 | r7,130 | 6,278 | 5,373 | 4,586 | 4,309 | 3,845 | 5,953 | 5,629 | 7,320 | 7,356 | 6,431 | 6,675 | 5,783 |
| Private ownership | do | 192,876 | 189,859 | 18,850 | r18,137 | 16,391 | 13,764 | 12,043 | 12,162 | 11,017 | 14,967 | 14,531 | 16,256 | 15,671 | 14,462 | 14,865 | 13,465 |
| By type of building: Nonresidential | do | 90,624 | 93,058 | 9,521 | r10,119 | 8,533 | 6,778 | 6,167 | 6,238 | 4,821 | 7,086 | 6,381 | 7,502 | 7,903 | 7,323 | 7,174 | 7,173 |
| Residential | do | 121,940 | 120,436 | 11,838 | r10,600 | 10,517 | 8,950 | 7,262 | 7,579 | 7,240 | 9,940 | 9,722 | 10,946 | 10,433 | 9,745 | 9,941 | 8,463 |
| Non-building construction | do | 48,188 | 47,670 | 4,525 | r4,548 | 3,619 | 3,409 | 3,200 | 2,655 | 2,801 | 3,894 | 4,058 | 5,128 | 4,692 | 3,825 | 4,424 | 3,612 |
| New construction planning (Engineering News-Record) § | do | 283,448 | 275,118 | 25,170 | 21,042 | 25,564 | 23,182 | 19,075 | 18,132 | 22,463 | 22,343 | 18,230 | 17,134 | 15,279 | 15,564 | 19,935 | |
| **HOUSING STARTS AND PERMITS** | | | | | | | | | | | | | | | | | |
| New housing units started: Unadjusted: Total (private and public) | thous | (3) | (3) | | | | | | | | | | | | | | |
| Privately owned | do | 1,488.1 | 1,376.1 | 122.4 | 109.3 | 130.1 | 96.6 | 75.0 | 99.2 | 86.9 | 108.5 | 119.0 | 121.1 | 117.8 | r111.2 | r103.8 | 95.4 |
| One-family structures | do | 1,081.3 | 1,003.3 | 91.7 | 82.4 | 91.2 | 71.9 | 53.4 | 67.9 | 65.9 | 83.2 | 90.0 | 92.4 | 88.9 | r85.5 | r76.1 | 73.3 |
| Seasonally adjusted at annual rates: ◇ Total privately owned | do | | | 1,325 | 1,263 | 1,423 | 1,347 | 1,273 | 1,568 | 1,488 | 1,307 | 1,216 | 1,206 | 1,189 | 1,153 | 1,142 | 1,135 |
| One-family structures | do | | | 987 | 969 | 1,023 | 1,010 | 931 | 1,099 | 1,154 | 996 | 905 | 897 | 889 | r875 | r841 | 877 |
| New private housing units authorized by building permits (17,000 permit-issuing places): † Monthly data are seas. adj. at annual rates: Total | thous | 1,456 | 1,338 | 1,334 | 1,310 | 1,362 | 1,364 | 1,416 | 1,739 | 1,297 | 1,232 | 1,108 | 1,065 | 1,108 | 1,082 | r1,050 | 1,006 |
| One-family structures | do | 994 | 932 | 933 | 946 | 959 | 984 | 984 | 985 | 974 | 912 | 813 | 802 | 796 | 780 | r762 | 733 |
| Manufacturers' shipments of mobile homes: Unadjusted | thous | 218.3 | 198.1 | 19.4 | 16.5 | 17.7 | 15.1 | 11.7 | 13.4 | 13.7 | 16.2 | 16.2 | 18.1 | 17.4 | 15.1 | 19.5 | |
| Seasonally adjusted at annual rates @ | do | | | 194 | 186 | 190 | 189 | 189 | 195 | 200 | 193 | 189 | 191 | 191 | 184 | 195 | |
| **CONSTRUCTION COST INDEXES** | | | | | | | | | | | | | | | | | |
| Bureau of the Census: Composite fixed-weighted price index * | 1987=100 | 103.8 | 107.2 | 107.9 | 108.0 | 107.9 | 107.9 | 108.0 | 108.3 | 108.6 | 108.8 | r108.8 | r109.2 | r109.5 | r109.8 | 110.0 | |
| Implicit price deflator * | do | 104.2 | 108.0 | 108.6 | 108.6 | 108.5 | 108.6 | 108.8 | 109.2 | 109.5 | 109.8 | r109.5 | r109.8 | r110.0 | r110.4 | 110.5 | |
| Boeckh indexes: Average, 20 cities: Apartments, hotels, office buildings | 1982=100 | 120.2 | 124.6 | | 125.5 | | 125.5 | | 126.5 | | 126.6 | | 127.0 | | 128.0 | | 128.7 |
| Commercial and factory buildings | do | 118.3 | 123.4 | | 125.1 | | 125.2 | | 126.0 | | 126.3 | | 126.9 | | 127.9 | | 128.6 |
| Residences | do | 122.3 | 127.3 | | 128.7 | | 128.8 | | 130.3 | | 130.3 | | 130.7 | | 131.7 | | 132.5 |
| Engineering News-Record: Building | 1967=100 | 384.6 | 390.7 | 390.6 | 394.9 | 395.4 | 395.8 | 396.6 | 395.7 | 395.9 | 397.4 | 397.3 | 399.3 | 403.4 | 403.4 | 402.8 | [2]404.0 |
| Construction | do | 420.7 | 428.8 | 428.8 | 432.5 | 432.5 | 433.4 | 435.6 | 435.0 | 435.2 | 437.6 | 437.8 | 437.3 | 440.8 | 440.8 | 442.4 | [2]442.7 |
| Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.) ‡‡ | 1987=100 | 106.6 | 107.7 | | 109.1 | | | 107.1 | | | 111.2 | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **CONSTRUCTION AND REAL ESTATE—Continued** | | | | | | | | | | | | | | | | | |
| **REAL ESTATE ◊** | | | | | | | | | | | | | | | | | |
| Mortgage applications for new home construction: | | | | | | | | | | | | | | | | | |
| FHA applications | thous. units | 104.9 | 117.3 | 12.5 | 10.4 | 10.9 | 9.5 | 7.6 | 9.0 | 9.4 | 11.6 | 10.3 | 12.8 | 10.4 | 9.0 | 10.2 | 9.3 |
| Seasonally adjusted annual rates | do | | | 142 | 132 | 151 | 141 | 115 | 113 | 117 | 112 | 110 | 133 | 119 | 112 | 118 | 129 |
| Requests for VA appraisals | do | 150.8 | 109.6 | 7.0 | 9.0 | 10.4 | 9.5 | 4.4 | 7.9 | 6.9 | 8.5 | 8.0 | 8.9 | 9.5 | 7.7 | 8.9 | |
| Seasonally adjusted annual rates | do | | | 108 | 111 | 145 | 132 | 105 | 106 | 87 | 85 | 87 | 85 | 106 | 91 | 98 | |
| Home mortgages insured or guaranteed by: | | | | | | | | | | | | | | | | | |
| Fed. Hous. Adm.: Face amount | mil. $ | 42,577.16 | 45,893.24 | 3,511.30 | 4,325.96 | 4,790.37 | 5,332.30 | 3,541.91 | 4,428.43 | 4,075.71 | 4,442.46 | 4,267.19 | 4,381.55 | 4,288.59 | 4,509.24 | 4,764.17 | 4,319.28 |
| Vet. Adm.: Face amount § | do | 15,773.84 | 14,041.80 | 1,102.03 | 1,032.98 | 1,217.43 | 1,326.48 | 1,192.67 | 1,405.07 | 1,386.13 | 1,537.57 | 1,157.15 | 1,236.42 | 1,308.89 | 1,253.50 | 1,572.64 | |
| Federal Home Loan Banks, outstanding advances to member institutions, end of period | mil. $ | 152,777 | 141,794 | 156,293 | 151,101 | 148,745 | 145,337 | 141,794 | 138,108 | 136,626 | 132,853 | 131,210 | 130,752 | 126,296 | 122,544 | 121,988 | 117,887 |
| New mortgage loans of SAIF-insured institutions, estimated total @ | mil. $ | 240,298 | [2]186,567 | 16,534 | 15,702 | 15,683 | 14,325 | 15,208 | 11,973 | 11,161 | 14,311 | 13,704 | 14,621 | | | | |
| By purpose of loan: | | | | | | | | | | | | | | | | | |
| Home construction | do | 29,555 | [2]24,952 | 2,332 | 1,957 | 1,803 | 1,672 | 1,819 | 1,306 | 1,324 | 1,744 | 1,628 | 1,694 | | | | |
| Home purchase | do | 176,407 | [2]142,432 | 12,774 | 12,390 | 12,699 | 11,652 | 12,070 | 9,868 | 9,037 | 11,765 | 11,281 | 12,140 | | | | |
| All other purposes | do | 34,336 | [2]19,183 | 1,427 | 1,355 | 1,180 | 1,002 | 1,319 | 798 | 801 | 803 | 795 | 786 | | | | |
| **DOMESTIC TRADE** | | | | | | | | | | | | | | | | | |
| **ADVERTISING** | | | | | | | | | | | | | | | | | |
| Magazine advertising (Leading National Advertisers): | | | | | | | | | | | | | | | | | |
| Cost, total | mil. $ | | | | | | | | | | | | | | | | |
| Apparel and accessories | do | | | | | | | | | | | | | | | | |
| Automotive, incl. accessories | do | | | | | | | | | | | | | | | | |
| Building materials | do | | | | | | | | | | | | | | | | |
| Drugs and toiletries | do | | | | | | | | | | | | | | | | |
| Foods, soft drinks, confectionery | do | | | | | | | | | | | | | | | | |
| Beer, wine, liquors | do | | | | | | | | | | | | | | | | |
| Houshold equip., supplies, furnishings | do | | | | | | | | | | | | | | | | |
| Industrial materials | do | | | | | | | | | | | | | | | | |
| Soaps, cleansers, etc | do | | | | | | | | | | | | | | | | |
| Smoking materials | do | | | | | | | | | | | | | | | | |
| All other | do | | | | | | | | | | | | | | | | |
| Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.): | | | | | | | | | | | | | | | | | |
| Total | mil. $ | 31,197 | 32,368 | 7,829 | | | 8,952 | | | 7,296 | | | 8,307 | | | | |
| Classified | do | 11,771 | 12,245 | 3,104 | | | 3,228 | | | 2,495 | | | 2,844 | | | | |
| National | do | 3,586 | 3,239 | 753 | | | 841 | | | 965 | | | 1,099 | | | | |
| Retail | do | 15,840 | 16,885 | 3,972 | | | 4,782 | | | 3,835 | | | 4,345 | | | | |
| **WHOLESALE TRADE †** | | | | | | | | | | | | | | | | | |
| Merchant wholesalers sales (unadj.), total | mil. $ | 1,622,115 | 1,748,194 | 152,731 | 145,394 | 155,847 | 150,006 | 144,355 | 146,135 | 138,361 | 158,734 | 150,395 | 160,026 | 154,461 | r147,580 | 162,054 | |
| Durable goods establishments | do | 795,372 | 859,960 | 76,020 | 73,080 | 78,451 | 74,608 | 69,247 | 71,238 | 69,070 | 80,795 | 76,808 | 81,467 | 79,475 | r74,234 | 80,120 | |
| Nondurable goods establishments | do | 826,743 | 888,234 | 76,711 | 72,314 | 77,396 | 75,398 | 75,108 | 74,897 | 69,291 | 77,939 | 73,587 | 78,559 | 74,986 | r73,346 | 81,934 | |
| Merchant wholesalers inventories, book value (non-LIFO basis), end of period (unadj.), total | mil. $ | 180,943 | 189,042 | 182,299 | 183,868 | 189,404 | 189,822 | 189,042 | 190,390 | 190,475 | 190,909 | 192,411 | 192,015 | 190,333 | r191,188 | 189,296 | |
| Durable goods establishments | do | 115,647 | 122,053 | 122,371 | 122,335 | 123,856 | 123,652 | 122,053 | 124,313 | 125,488 | 125,562 | 127,344 | 128,124 | 126,390 | r127,824 | 127,526 | |
| Nondurable goods establishments | do | 65,296 | 66,989 | 59,928 | 61,533 | 65,548 | 66,170 | 66,989 | 66,077 | 64,987 | 65,347 | 65,067 | 63,891 | 63,943 | r63,364 | 61,770 | |
| **RETAIL TRADE ‡** | | | | | | | | | | | | | | | | | |
| All retail stores: | | | | | | | | | | | | | | | | | |
| Estimated sales (unadj.), total | mil. $ | 1,650,005 | 1,733,654 | 153,030 | 144,079 | 142,342 | 148,834 | 176,486 | 132,560 | 127,338 | 148,334 | 144,959 | 154,141 | 153,472 | r148,933 | r156,760 | [1]145,382 |
| Durable goods stores # | do | 627,370 | 645,524 | 59,703 | 54,908 | 51,707 | 51,951 | 57,004 | 49,283 | 46,720 | 54,970 | 53,956 | 58,331 | 57,730 | r55,397 | r56,885 | [1]51,971 |
| Building materials, hardware, garden supply, and mobile home dealers | mil. $ | 91,206 | 93,018 | 8,808 | 8,029 | 8,153 | 7,517 | 6,841 | 6,065 | 5,911 | 7,456 | 8,061 | 9,277 | 9,108 | r8,611 | r8,578 | [1]7,917 |
| Automotive dealers | do | 371,573 | 377,690 | 36,166 | 32,969 | 29,678 | 28,344 | 26,475 | 29,915 | 27,776 | 33,326 | 32,279 | 34,506 | 34,263 | r32,933 | r33,643 | [1]30,563 |
| Furniture, home furnishings, and equipment | do | 85,395 | 90,016 | 7,696 | 7,346 | 7,421 | 8,234 | 9,993 | 7,150 | 6,698 | 7,541 | 7,144 | 7,609 | 7,551 | r7,324 | r7,587 | [1]7,192 |
| Nondurable goods stores | do | 1,022,635 | 1,088,130 | 93,327 | 89,171 | 90,635 | 96,883 | 119,482 | 83,277 | 80,618 | 93,364 | 91,003 | 95,810 | 95,742 | r93,536 | r99,875 | [1]93,411 |
| General merch. group stores | do | 191,800 | 202,570 | 16,616 | 15,600 | 16,532 | 21,098 | 32,336 | 12,069 | 12,674 | 16,189 | 15,954 | 16,977 | 16,746 | r15,313 | r17,503 | [1]15,848 |
| Food stores | do | 326,504 | 349,269 | 30,140 | 29,396 | 28,718 | 29,248 | 32,352 | 28,470 | 27,304 | 30,949 | 29,491 | 31,397 | 31,671 | r31,302 | r31,877 | [1]30,294 |
| Gasoline service stations | do | 107,906 | 115,534 | 10,264 | 9,593 | 9,865 | 9,529 | 9,761 | 9,427 | 8,786 | 9,772 | 9,804 | 10,426 | 10,633 | r10,723 | r11,713 | [1]11,174 |
| Apparel and accessory stores | do | 84,865 | 91,227 | 8,107 | 7,533 | 7,546 | 8,708 | 12,844 | 5,802 | 5,668 | 7,565 | 7,632 | 7,749 | 7,631 | r7,116 | r8,517 | [1]7,682 |
| Eating and drinking places | do | 165,511 | 173,527 | 15,672 | 14,677 | 14,728 | 13,999 | 14,519 | 13,478 | 13,262 | 15,229 | 15,028 | 15,728 | 16,152 | r16,273 | r16,726 | [1]15,455 |
| Drug and proprietary stores | do | 57,444 | 61,104 | 5,065 | 4,936 | 5,051 | 5,217 | 6,754 | 5,254 | 4,902 | 5,277 | 5,335 | 5,494 | 5,393 | r5,327 | r5,547 | [1]5,220 |
| Liquor stores | do | 19,605 | 20,009 | 1,716 | 1,651 | 1,591 | 1,658 | 2,311 | 1,478 | 1,419 | 1,603 | 1,573 | 1,690 | 1,775 | r1,792 | 1,825 | |
| Estimated sales (seas. adj.), total | do | | | r146,731 | r147,052 | 145,244 | 146,340 | 145,804 | 149,877 | 149,904 | 149,302 | 147,886 | 147,781 | 149,432 | r150,201 | r149,643 | [1]151,242 |
| Durable goods stores # | do | | | r55,606 | r55,310 | 53,627 | 53,768 | 52,683 | 56,217 | 55,037 | 54,663 | 53,620 | 53,525 | 53,841 | r54,200 | r52,839 | [1]53,574 |
| Bldg. materials, hardware, garden supply, and mobile home dealers # | mil. $ | | | r7,973 | r7,790 | 7,699 | 7,769 | 7,567 | 7,839 | 8,062 | 7,890 | 7,631 | 7,691 | 7,961 | r7,959 | r7,864 | [1]7,823 |
| Building materials and supply stores | do | | | r5,717 | 5,600 | 5,591 | 5,611 | 5,495 | 5,794 | 5,974 | 5,806 | 5,634 | 5,611 | 5,679 | r5,665 | 5,596 | |
| Hardware stores | do | | | r1,026 | r1,025 | 1,012 | 1,022 | 989 | 1,038 | 1,059 | 1,062 | 1,046 | 1,052 | 1,088 | r1,071 | 1,049 | |
| Automotive dealers | do | | | r32,869 | r32,751 | 31,230 | 31,111 | 30,429 | 33,274 | 31,408 | 31,484 | 30,837 | 30,854 | 31,108 | r31,429 | r30,268 | [1]31,135 |
| Motor vehicle and miscellaneous auto dealers | do | | | r30,274 | r30,076 | 28,592 | 28,395 | 27,700 | 30,533 | 28,619 | 28,706 | 28,090 | 28,133 | 28,379 | r28,729 | r27,618 | [1]28,507 |
| Auto and home supply stores | do | | | 2,595 | r2,675 | 2,638 | 2,716 | 2,729 | 2,741 | 2,789 | 2,778 | 2,747 | 2,721 | 2,729 | r2,700 | 2,650 | |
| Furniture, home furnishings, and equipment # | do | | | r7,558 | r7,524 | 7,573 | 7,674 | 7,406 | 7,682 | 7,813 | 7,804 | 7,797 | 7,767 | 7,613 | r7,614 | r7,478 | [1]7,531 |
| Furniture, home furnishings stores | do | | | r4,151 | r4,047 | 4,077 | 4,250 | 3,987 | 4,235 | 4,228 | 4,214 | 4,167 | 4,158 | 4,104 | r4,103 | 4,035 | |
| Household appliance, radio, and TV stores | do | | | r2,726 | r2,754 | 2,777 | 2,697 | 2,713 | 2,743 | 2,843 | 2,847 | 2,895 | 2,909 | 2,813 | r2,812 | 2,746 | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **DOMESTIC TRADE—Continued** | | | | | | | | | | | | | | | | | |
| **RETAIL TRADE ‡—Continued** | | | | | | | | | | | | | | | | | |
| All retail stores—Continued | | | | | | | | | | | | | | | | | |
| Estimated sales (seas. adj.)—Continued | | | | | | | | | | | | | | | | | |
| Nondurable goods stores | mil. $ | | | r91,125 | r91,742 | 91,617 | 92,572 | 93,121 | 93,660 | 94,867 | 94,639 | 94,266 | 94,256 | 95,591 | r96,001 | r96,804 | p97,668 |
| General merch. group stores | do | | | r16,792 | r17,154 | 17,054 | 17,278 | 17,313 | 17,526 | 17,944 | 17,621 | 17,317 | 17,009 | 17,577 | r17,716 | r17,746 | p17,583 |
| Department stores excluding leased departments | do | | | r13,582 | r13,841 | 13,756 | 13,898 | 14,030 | 14,162 | 14,498 | 14,322 | 14,050 | 13,744 | 14,256 | r14,319 | r14,398 | p14,218 |
| Variety stores | do | | | r592 | r600 | 625 | 669 | 614 | 590 | 605 | 584 | 590 | 594 | 592 | r598 | 609 | |
| Food stores | do | | | r29,361 | r29,399 | 29,513 | 29,704 | 29,874 | 29,864 | 30,296 | 30,380 | 30,562 | 30,392 | 30,646 | r30,705 | r30,560 | p31,048 |
| Grocery stores | do | | | r27,712 | r27,759 | 27,849 | 27,991 | 28,131 | 28,062 | 28,466 | 28,552 | 28,690 | 28,575 | 28,820 | r28,854 | r28,713 | p29,179 |
| Gasoline service stations | do | | | r9,513 | r9,612 | 9,672 | 9,773 | 9,940 | 10,061 | 10,041 | 9,992 | 9,863 | 9,958 | 10,060 | r10,107 | r10,815 | p11,344 |
| Apparel and accessory stores # | do | | | r7,719 | r7,677 | 7,678 | 7,822 | 7,681 | 7,651 | 7,814 | 7,937 | 7,756 | 7,970 | 8,067 | r8,081 | r8,101 | p7,977 |
| Men's and boys' clothing and furnishings stores | do | | | r779 | r789 | 785 | 794 | 795 | 807 | 798 | 826 | 772 | 802 | 799 | r791 | 788 | |
| Women's clothing, specialty stores, and furriers | do | | | r2,727 | r2,686 | 2,705 | 2,736 | 2,713 | 2,691 | 2,701 | 2,824 | 2,805 | 2,829 | 2,897 | r2,858 | 2,803 | |
| Shoe stores | do | | | r1,422 | r1,422 | 1,401 | 1,445 | 1,403 | 1,405 | 1,431 | 1,428 | 1,399 | 1,413 | 1,452 | r1,494 | 1,535 | |
| Eating and drinking places | do | | | r14,511 | r14,589 | 14,597 | 14,613 | 14,504 | 14,779 | 15,191 | 15,168 | 15,104 | 15,167 | 15,267 | r15,352 | r15,331 | p15,486 |
| Drug and proprietary stores | do | | | r5,121 | r5,223 | 5,234 | 5,302 | 5,232 | 5,400 | 5,346 | 5,298 | 5,438 | 5,434 | 5,509 | r5,566 | r5,592 | p5,613 |
| Liquor stores | do | | | r1,684 | 1,697 | 1,659 | 1,656 | 1,630 | 1,663 | 1,701 | 1,716 | 1,706 | 1,678 | 1,715 | r1,731 | 1,763 | |
| Estimated inventories, end of period: | | | | | | | | | | | | | | | | | |
| Book value (non-LIFO basis), (unadjusted), total | mil. $ | 215,022 | 230,528 | 228,759 | 233,504 | 245,244 | 250,415 | 230,528 | 225,652 | 228,184 | 233,287 | 234,017 | 234,582 | 232,905 | r233,336 | 234,568 | |
| Durable goods stores # | do | 112,658 | 117,896 | 113,596 | 113,953 | 118,190 | 121,655 | 117,896 | 113,289 | 114,316 | 116,322 | 115,710 | 116,987 | 116,817 | r114,830 | 113,907 | |
| Bldg. materials, hardware, garden supply, and mobile home dealers | do | 15,211 | 15,244 | 15,747 | 15,624 | 15,600 | 15,454 | 15,244 | 15,391 | 15,835 | 16,548 | 16,765 | 16,900 | 16,671 | r15,952 | 15,633 | |
| Automotive dealers | do | 60,987 | 65,151 | 59,380 | 58,752 | 60,671 | 63,436 | 65,151 | 61,129 | 61,375 | 61,876 | 60,543 | 61,229 | 61,321 | r59,919 | 58,733 | |
| Furniture, home furnishings, and equipment | do | 16,130 | 16,156 | 16,117 | 16,514 | 17,681 | 17,808 | 16,156 | 15,990 | 15,909 | 16,174 | 16,185 | 16,218 | 16,078 | r15,988 | 16,261 | |
| Nondurable goods stores # | do | 102,364 | 112,632 | 115,163 | 119,551 | 127,054 | 128,760 | 112,632 | 112,363 | 113,868 | 116,965 | 118,307 | 117,595 | 116,088 | r118,506 | 120,661 | |
| General merch. group stores | do | 36,068 | 40,479 | 42,672 | 45,386 | 49,685 | 50,700 | 40,479 | 40,354 | 41,820 | 43,498 | 43,768 | 42,540 | 41,615 | r42,771 | 44,005 | |
| Department stores excluding leased departments | do | 27,920 | 31,572 | 32,859 | 35,044 | 38,546 | 39,853 | 31,572 | 31,605 | 32,904 | 34,258 | 34,608 | 33,503 | 32,690 | r33,578 | 34,416 | |
| Food stores | do | 21,844 | 23,495 | 22,223 | 22,589 | 23,789 | 24,333 | 23,495 | 23,287 | 23,059 | 23,350 | 23,485 | 23,937 | 24,019 | r23,974 | 23,997 | |
| Apparel and accessory stores | do | 16,502 | 17,048 | 19,738 | 20,236 | 21,020 | 21,046 | 17,048 | 16,985 | 17,800 | 18,474 | 18,936 | 18,812 | 18,482 | r19,647 | 20,306 | |
| Book value (non-LIFO basis), (seas. adj.), total | do | 219,791 | 235,514 | r233,930 | 236,131 | 234,942 | 236,234 | 235,514 | 233,701 | 232,000 | 232,562 | 232,847 | 234,814 | 234,517 | r236,400 | 239,547 | |
| Durable goods stores # | do | 112,254 | 117,169 | r119,251 | 121,048 | 118,450 | 118,667 | 117,169 | 114,194 | 113,552 | 113,951 | 113,730 | 114,870 | 115,128 | r116,207 | 119,355 | |
| Bldg. materials, hardware, garden supply, and mobile home dealers | do | 15,928 | 15,946 | r15,842 | 15,878 | 15,984 | 15,965 | 15,946 | 15,883 | 15,819 | 15,912 | 16,105 | 16,234 | 16,185 | r15,904 | 15,759 | |
| Automotive dealers | do | 59,080 | 62,945 | r65,053 | 66,574 | 63,685 | 63,616 | 62,945 | 60,113 | 59,039 | 58,916 | 58,296 | 59,045 | 59,257 | r60,725 | 64,200 | |
| Furniture, home furn., and equip | do | 16,179 | 16,205 | r16,247 | 16,270 | 16,524 | 16,643 | 16,205 | 16,417 | 16,452 | 16,470 | 16,448 | 16,465 | 16,356 | r16,398 | 16,392 | |
| Nondurable goods stores # | do | 107,537 | 118,345 | r114,679 | 115,083 | 116,492 | 117,567 | 118,345 | 119,507 | 118,448 | 118,611 | 119,117 | 119,944 | 119,389 | r120,193 | 120,192 | |
| General merch. group stores | do | 39,718 | 44,597 | r42,581 | 42,933 | 43,511 | 44,203 | 44,597 | 44,843 | 44,277 | 44,112 | 43,636 | 43,706 | 43,553 | r43,765 | 43,959 | |
| Department stores excluding leased departments | do | 30,614 | 34,656 | r33,091 | 33,375 | 33,783 | 34,475 | 34,656 | 35,078 | 34,782 | 34,674 | 34,299 | 34,292 | 34,266 | r34,581 | 34,694 | |
| Food stores | do | 21,733 | 23,399 | r22,615 | 22,707 | 23,169 | 23,311 | 23,399 | 23,469 | 23,372 | 23,431 | 23,671 | 24,118 | 24,085 | r24,220 | 24,422 | |
| Apparel and accessory stores | do | 18,035 | 18,652 | r18,979 | 18,948 | 18,920 | 18,926 | 18,652 | 18,956 | 18,757 | 18,755 | 19,147 | 19,216 | 19,292 | r19,608 | 19,488 | |
| Firms with 11 or more stores: | | | | | | | | | | | | | | | | | |
| Estimated sales (unadj.), total | mil. $ | 608,039 | 649,144 | 54,922 | 52,409 | 53,425 | 60,036 | 80,162 | 47,395 | 46,399 | 55,359 | 53,798 | 56,832 | r56,559 | 54,371 | | |
| Durable goods stores | do | 72,941 | 77,600 | 6,582 | 6,267 | 6,319 | 7,129 | 10,362 | 5,492 | 5,307 | 6,355 | 6,340 | 7,028 | r6,900 | 6,730 | | |
| Auto and home supply stores | do | 7,546 | 8,240 | 767 | 722 | 753 | 735 | 712 | 617 | 605 | 749 | 733 | 795 | 823 | 806 | | |
| Nondurable goods stores # | do | 535,098 | 571,544 | 48,340 | 46,142 | 47,106 | 52,907 | 69,800 | 41,903 | 41,092 | 49,004 | 47,458 | 49,804 | r49,659 | 47,641 | | |
| General merchandise group stores | do | 176,335 | 186,082 | 15,261 | 14,247 | 15,088 | 19,403 | 30,047 | 11,046 | 11,642 | 14,902 | 14,623 | 15,561 | r15,379 | 13,941 | | |
| Food stores | do | 185,099 | 196,000 | 16,537 | 16,293 | 16,031 | 16,618 | 18,574 | 16,308 | 15,464 | 17,574 | 16,562 | 17,529 | r17,599 | 17,374 | | |
| Grocery stores | do | 182,709 | 193,503 | 16,348 | 16,113 | 15,844 | 16,408 | 18,188 | 16,103 | 15,247 | 17,343 | 16,316 | 17,316 | r17,398 | 17,174 | | |
| Apparel and accessory stores | do | 45,474 | 49,667 | 4,558 | 4,129 | 4,089 | 4,844 | 7,319 | 2,951 | 2,997 | 4,232 | 4,189 | 4,244 | r4,287 | 3,911 | | |
| Eating places | do | 41,686 | 44,426 | 4,015 | 3,734 | 3,797 | 3,613 | 3,754 | 3,468 | 3,404 | 3,929 | 3,871 | 3,959 | r4,001 | 4,056 | | |
| Drug stores and proprietary stores | do | 33,759 | 36,685 | 3,017 | 2,919 | 2,967 | 3,127 | 4,368 | 3,136 | 2,921 | 3,181 | 3,272 | 3,337 | r3,271 | 3,186 | | |
| Estimated sales(sea. adj.), total # | do | | | 54,337 | 54,806 | 54,653 | 55,295 | 55,542 | 56,277 | 57,118 | 56,837 | 56,367 | 56,238 | r57,231 | 57,489 | | |
| Auto and home supply stores | do | | | 699 | 711 | 709 | 712 | 724 | 729 | 781 | 754 | 740 | 733 | r760 | 761 | | |
| Department stores excluding leased departments | do | | | 13,135 | 13,327 | 13,314 | 13,426 | 13,579 | 13,692 | 14,069 | 13,926 | 13,627 | 13,323 | r13,818 | 13,847 | | |
| Variety stores | do | | | 468 | 471 | 482 | 521 | 487 | 468 | 486 | 460 | 464 | 460 | r461 | 467 | | |
| Grocery stores | do | | | 16,138 | 16,259 | 16,368 | 16,507 | 16,580 | 16,601 | 16,792 | 16,805 | 16,960 | 16,844 | r17,007 | 17,140 | | |
| Apparel and accessory stores | do | | | 4,234 | 4,231 | 4,193 | 4,268 | 4,161 | 4,221 | 4,349 | 4,415 | 4,237 | 4,399 | r4,537 | 4,513 | | |
| Women's clothing, specialty stores, and furriers | do | | | 1,481 | 1,467 | 1,476 | 1,498 | 1,472 | 1,475 | 1,476 | 1,526 | 1,496 | 1,561 | r1,639 | 1,585 | | |
| Shoe stores | do | | | 907 | 909 | 888 | 910 | 862 | 876 | 912 | 917 | 902 | 891 | r914 | 928 | | |
| Drug stores and proprietary stores | do | | | 3,098 | 3,145 | 3,153 | 3,188 | 3,091 | 3,220 | 3,235 | 3,213 | 3,325 | 3,324 | r3,372 | 3,382 | | |
| **LABOR FORCE, EMPLOYMENT, AND EARNINGS** | | | | | | | | | | | | | | | | | |
| **LABOR FORCE AND POPULATION** | | | | | | | | | | | | | | | | | |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Noninstitutional population, persons 16 years of age and over | thous | 186,322 | 188,081 | 188,286 | 188,428 | 188,580 | 188,721 | 188,865 | 188,990 | 189,090 | 189,198 | 189,326 | 189,467 | 189,607 | 189,763 | 189,901 | 190,002 |
| Labor force @ | do | 123,378 | 125,557 | 127,132 | 125,530 | 126,125 | 126,368 | 125,698 | 124,990 | 125,120 | 125,458 | 125,473 | 126,279 | 127,937 | 128,527 | 127,652 | 126,380 |
| Resident Armed Forces | do | 1,709 | 1,688 | 1,688 | 1,702 | 1,709 | 1,704 | 1,700 | 1,697 | 1,678 | 1,669 | 1,657 | 1,639 | 1,630 | 1,627 | 1,640 | 1,601 |
| Civilian noninstitutional population | do | 184,613 | 186,393 | 186,598 | 186,726 | 186,871 | 187,017 | 187,165 | 187,293 | 187,412 | 187,529 | 187,669 | 187,828 | 187,977 | 188,136 | 188,261 | 188,401 |
| Civilian labor force, total | do | 121,669 | 123,869 | 125,444 | 123,828 | 124,416 | 124,664 | 123,998 | 123,293 | 123,442 | 123,789 | 123,816 | 124,640 | 126,307 | 126,900 | 126,012 | 124,779 |
| Employed | do | 114,968 | 117,342 | 119,092 | 117,498 | 118,194 | 118,168 | 117,698 | 116,037 | 116,308 | 117,093 | 117,359 | 118,277 | 119,605 | 119,954 | 119,174 | 117,961 |
| Unemployed | do | 6,701 | 6,528 | 6,352 | 6,330 | 6,222 | 6,495 | 6,300 | 7,256 | 7,134 | 6,697 | 6,457 | 6,363 | 6,702 | 6,945 | 6,837 | 6,818 |
| **Seasonally Adjusted ◊** | | | | | | | | | | | | | | | | | |
| Civilian labor force, total | do | | | 124,070 | 124,023 | 124,148 | 124,488 | 124,546 | 124,397 | 124,630 | 124,829 | 124,886 | 125,004 | 124,836 | 124,767 | 124,660 | 124,967 |
| Participation rate † | percent | 65.9 | 66.5 | 66.5 | 66.4 | 66.4 | 66.6 | 66.5 | 66.4 | 66.5 | 66.6 | 66.5 | 66.6 | 66.4 | 66.3 | 66.2 | 66.3 |
| Employed, total | thous | | | 117,550 | 117,419 | 117,585 | 117,836 | 117,888 | 117,863 | 118,035 | 118,334 | 118,116 | 118,350 | 118,389 | 117,953 | 117,658 | 117,898 |
| Employment-population ratio † | percent | 62.3 | 63.0 | 63.0 | 62.9 | 62.9 | 63.0 | 63.0 | 62.9 | 63.0 | 63.1 | 62.9 | 63.0 | 63.0 | 62.7 | 62.5 | 62.6 |
| Agriculture | thous | 3,169 | 3,199 | 3,275 | 3,219 | 3,197 | 3,160 | 3,197 | 3,134 | 3,079 | 3,200 | 3,133 | 3,305 | 3,348 | 3,085 | 3,137 | 3,181 |
| Nonagriculture | do | 111,800 | 114,142 | 114,275 | 114,200 | 114,388 | 114,676 | 114,691 | 114,728 | 114,957 | 115,133 | 114,983 | 115,045 | 115,041 | 114,867 | 114,521 | 114,717 |
| Unemployed, total | do | | | 6,520 | 6,604 | 6,563 | 6,652 | 6,658 | 6,535 | 6,594 | 6,495 | 6,770 | 6,653 | 6,447 | 6,814 | 7,003 | 7,069 |
| Long term, 15 weeks and over | do | 1,610 | 1,375 | 1,338 | 1,359 | 1,378 | 1,422 | 1,362 | 1,430 | 1,369 | 1,333 | 1,386 | 1,374 | 1,406 | 1,513 | 1,609 | 1,620 |

See footnotes at end of tables.

## LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **LABOR FORCE—Continued** | | | | | | | | | | | | | | | | | |
| **Seasonally Adjusted ◊** | | | | | | | | | | | | | | | | | |
| Civilian labor force—Continued | | | | | | | | | | | | | | | | | |
| Unemployed—Continued | | | | | | | | | | | | | | | | | |
| Rates(unemployed in each group as percent of civilian labor force in the group): | | | | | | | | | | | | | | | | | |
| All civilian workers | | 5.5 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 | 5.4 | 5.3 | 5.2 | 5.5 | 5.6 | 5.7 |
| Men, 20 years and over | | 4.8 | 4.5 | 4.5 | 4.8 | 4.5 | 4.6 | 4.6 | 4.7 | 4.6 | 4.5 | 4.8 | 4.7 | 4.7 | 4.9 | 5.0 | 5.1 |
| Women, 20 years and over | | 4.9 | 4.7 | 4.7 | 4.5 | 4.8 | 4.8 | 4.8 | 4.6 | 4.8 | 4.7 | 4.8 | 4.6 | 4.5 | 4.7 | 4.9 | 5.0 |
| Both sexes, 16-19 years | | 15.3 | 15.0 | 14.8 | 15.0 | 14.9 | 15.3 | 15.2 | 14.5 | 14.8 | 14.4 | 14.7 | 15.5 | 14.1 | 16.3 | 16.7 | 15.5 |
| White | | 4.7 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.5 | 4.6 | 4.5 | 4.8 | 4.6 | 4.5 | 4.6 | 4.8 | 4.8 |
| Black | | 11.7 | 11.4 | 11.2 | 11.7 | 11.7 | 11.9 | 11.8 | 11.3 | 10.5 | 10.6 | 10.4 | 10.4 | 10.4 | 11.3 | 11.8 | 12.1 |
| Hispanic origin | | 8.2 | 8.0 | 8.8 | 8.3 | 8.0 | 8.0 | 8.5 | 7.1 | 7.8 | 7.7 | 8.0 | 7.7 | 7.1 | 7.9 | 7.8 | 8.7 |
| Married men, spouse present | | 3.3 | 3.0 | 3.1 | 3.3 | 3.0 | 3.1 | 3.0 | 3.4 | 3.0 | 3.2 | 3.3 | 3.3 | 3.2 | 3.3 | 3.5 | 3.4 |
| Married women, spouse present | | 3.9 | 3.7 | 3.9 | 3.8 | 3.9 | 3.8 | 3.9 | 3.7 | 3.8 | 3.6 | 3.5 | 3.5 | 3.7 | 3.5 | 3.9 | 4.0 |
| Women who maintain families | | 8.1 | 8.1 | 8.0 | 7.7 | 7.8 | 8.2 | 8.1 | 7.5 | 7.5 | 8.4 | 7.5 | 7.4 | 8.0 | 8.5 | 8.5 | 8.9 |
| Industry of last job: | | | | | | | | | | | | | | | | | |
| Private nonagricultural wage and salary workers | | 5.5 | 5.3 | 5.4 | 5.4 | 5.3 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 | 5.7 | 5.5 | 5.3 | 5.5 | 5.7 | 5.8 |
| Construction | | 10.6 | 10.0 | 10.2 | 10.1 | 9.3 | 9.8 | 9.8 | 9.3 | 8.9 | 10.0 | 10.6 | 11.5 | 9.7 | 10.2 | 11.1 | 11.8 |
| Manufacturing | | 5.3 | 5.1 | 5.2 | 5.2 | 5.4 | 5.4 | 5.6 | 5.9 | 5.9 | 5.5 | 5.9 | 5.4 | 4.9 | 5.7 | 5.8 | 5.7 |
| Durable goods | | 5.0 | 4.8 | 4.9 | 4.9 | 5.2 | 5.4 | 5.4 | 5.8 | 5.5 | 5.3 | 5.7 | 5.5 | 4.9 | 5.6 | 5.9 | 6.0 |
| Agricultural wage and salary workers | | 10.6 | 9.6 | 9.0 | 7.8 | 9.8 | 12.1 | 9.7 | 9.2 | 9.3 | 10.1 | 11.0 | 7.9 | 10.0 | 10.6 | 9.7 | 9.3 |
| **Not Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Occupation: | | | | | | | | | | | | | | | | | |
| Managerial and professional specialty | | 1.9 | 2.0 | 2.1 | 2.3 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.9 | 2.2 | 2.4 | 2.6 | 2.5 |
| Technical, sales, and administrative support | | 4.0 | 3.9 | 3.9 | 4.0 | 4.1 | 3.8 | 3.5 | 4.4 | 4.3 | 3.8 | 3.8 | 3.7 | 4.1 | 4.2 | 4.4 | 4.5 |
| Service occupations | | 6.9 | 6.6 | 6.4 | 6.5 | 6.3 | 6.9 | 6.4 | 6.5 | 6.8 | 6.4 | 6.3 | 6.7 | 6.2 | 6.5 | 6.4 | 6.9 |
| Precision production, craft, and repair | | 5.4 | 5.2 | 4.5 | 4.6 | 4.5 | 4.7 | 5.5 | 6.5 | 6.8 | 6.0 | 5.7 | 5.1 | 4.8 | 4.9 | 5.3 | 5.8 |
| Operators, fabricators, and laborers | | 8.4 | 8.0 | 7.5 | 7.5 | 7.3 | 8.0 | 8.2 | 10.8 | 9.5 | 9.5 | 8.9 | 8.0 | 7.3 | 7.6 | 7.4 | 7.3 |
| Farming, forestry, and fishing | | 7.2 | 6.6 | 5.1 | 4.6 | 6.3 | 8.5 | 7.3 | 8.0 | 8.4 | 7.8 | 6.7 | 4.4 | 4.7 | 5.6 | 5.3 | 5.4 |
| **EMPLOYMENT §** | | | | | | | | | | | | | | | | | |
| Employees on nonfarm payrolls by industry: | | | | | | | | | | | | | | | | | |
| Total, not adjusted for seas. variation | thous | 105,536 | 108,413 | 108,366 | 109,195 | 109,719 | 110,168 | 110,189 | 108,150 | 108,673 | 109,343 | 110,059 | 111,073 | 111,774 | r110,477 | r110,341 | p110,854 |
| Private sector (excl. government) | do | 88,150 | 90,644 | 91,636 | 91,583 | 91,606 | 91,893 | 91,964 | 90,167 | 90,335 | 90,807 | 91,456 | 92,211 | 93,150 | r93,008 | r93,132 | p92,812 |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Total employees, nonfarm payrolls | do | 105,536 | 108,413 | 108,628 | 108,868 | 108,980 | 109,245 | 109,383 | 109,654 | 109,958 | 110,122 | 110,177 | 110,617 | 110,829 | 110,740 | r110,657 | p110,556 |
| Private sector (excl. government) | do | 88,150 | 90,644 | 90,797 | 90,985 | 91,096 | 91,344 | 91,456 | 91,656 | 91,917 | 91,963 | 91,922 | 92,120 | 92,282 | r92,300 | r92,307 | p92,240 |
| Nonmanufacturing industries | do | 68,800 | 71,218 | 71,367 | 71,615 | 71,762 | 72,038 | 72,172 | 72,485 | 72,673 | 72,746 | 72,732 | 72,953 | 73,134 | r73,169 | r73,224 | p73,223 |
| Goods-producing | do | 25,173 | 25,826 | 25,356 | 25,304 | 25,283 | 25,280 | 25,218 | 25,188 | 25,339 | 25,259 | 25,180 | 25,191 | 25,162 | r25,105 | r25,013 | p24,929 |
| Mining | do | 713 | 700 | 706 | 709 | 710 | 716 | 718 | 723 | 727 | 729 | 734 | 738 | 744 | r745 | 736 | p738 |
| Construction | do | 5,110 | 5,200 | 5,220 | 5,225 | 5,239 | 5,258 | 5,216 | 5,294 | 5,368 | 5,313 | 5,256 | 5,286 | 5,270 | r5,229 | r5,194 | p5,174 |
| Manufacturing | do | 19,350 | 19,426 | 19,430 | 19,370 | 19,334 | 19,306 | 19,284 | 19,171 | 19,244 | 19,217 | 19,190 | 19,167 | 19,148 | r19,131 | r19,083 | p19,017 |
| Durable goods | do | 11,381 | 11,422 | 11,416 | 11,369 | 11,337 | 11,314 | 11,296 | 11,192 | 11,278 | 11,261 | 11,229 | 11,217 | 11,201 | r11,179 | r11,130 | p11,072 |
| Lumber and wood products | do | 769 | 758 | 753 | 750 | 753 | 752 | 753 | 753 | 751 | 751 | 750 | 748 | 743 | r742 | r739 | p737 |
| Furniture and fixtures | do | 528 | 526 | 525 | 524 | 521 | 521 | 519 | 519 | 518 | 518 | 516 | 516 | 515 | r511 | r514 | p509 |
| Stone, clay and glass products | do | 569 | 569 | 568 | 563 | 566 | 567 | 566 | 567 | 568 | 565 | 560 | 559 | 556 | 552 | 551 | p546 |
| Primary metal industries | do | 771 | 772 | 772 | 767 | 764 | 760 | 759 | 754 | 756 | 754 | 755 | 755 | 756 | r759 | r755 | p751 |
| Fabricated metal products | do | 1,432 | 1,446 | 1,442 | 1,438 | 1,433 | 1,429 | 1,426 | 1,412 | 1,418 | 1,418 | 1,419 | 1,417 | 1,415 | r1,419 | r1,420 | p1,413 |
| Industrial machinery and equipment | do | 2,092 | 2,132 | 2,135 | 2,132 | 2,125 | 2,129 | 2,130 | 2,132 | 2,126 | 2,119 | 2,112 | 2,112 | 2,108 | r2,104 | r2,096 | p2,083 |
| Electronic and other electrical equipment | do | 1,766 | 1,753 | 1,750 | 1,743 | 1,737 | 1,732 | 1,722 | 1,722 | 1,720 | 1,718 | 1,713 | 1,711 | 1,703 | r1,695 | r1,685 | p1,672 |
| Transportation equipment | do | 2,038 | 2,054 | 2,056 | 2,041 | 2,031 | 2,023 | 2,024 | 1,933 | 2,023 | 2,022 | 2,014 | 2,010 | 2,021 | r2,015 | r1,997 | p1,983 |
| Instruments and related products | do | 1,033 | 1,026 | 1,027 | 1,023 | 1,021 | 1,018 | 1,011 | 1,011 | 1,009 | 1,008 | 1,005 | 1,002 | 1,000 | r996 | r990 | p994 |
| Miscellaneous manufacturing | do | 384 | 386 | 388 | 388 | 386 | 383 | 386 | 389 | 389 | 388 | 385 | 387 | 384 | 386 | r383 | p384 |
| Nondurable goods | do | 7,969 | 8,004 | 8,014 | 8,001 | 7,997 | 7,992 | 7,988 | 7,979 | 7,966 | 7,956 | 7,961 | 7,950 | 7,947 | r7,952 | r7,953 | p7,945 |
| Food and kindred products | do | 1,631 | 1,645 | 1,649 | 1,653 | 1,651 | 1,651 | 1,650 | 1,651 | 1,650 | 1,648 | 1,651 | 1,650 | 1,643 | r1,645 | 1,650 | p1,649 |
| Tobacco manufactures | do | 55 | 49 | 49 | 48 | 48 | 48 | 47 | 47 | 47 | 46 | 46 | 46 | 47 | 46 | r47 | p47 |
| Textile mill products | do | 729 | 724 | 724 | 720 | 721 | 718 | 716 | 715 | 711 | 709 | 708 | 703 | 702 | r702 | r701 | p697 |
| Apparel and other textile products | do | 1,088 | 1,074 | 1,075 | 1,070 | 1,066 | 1,064 | 1,061 | 1,053 | 1,045 | 1,037 | 1,036 | 1,031 | 1,029 | 1,027 | r1,025 | p1,025 |
| Paper and allied products | do | 690 | 697 | 700 | 697 | 697 | 697 | 698 | 697 | 699 | 698 | 699 | 698 | 699 | 701 | 702 | p701 |
| Printing and publishing | do | 1,548 | 1,564 | 1,566 | 1,566 | 1,567 | 1,571 | 1,573 | 1,576 | 1,576 | 1,578 | 1,579 | 1,581 | 1,582 | r1,583 | 1,583 | p1,581 |
| Chemicals and allied products | do | 1,059 | 1,074 | 1,076 | 1,075 | 1,076 | 1,077 | 1,081 | 1,081 | 1,083 | 1,083 | 1,084 | 1,085 | 1,086 | r1,088 | r1,087 | p1,089 |
| Petroleum and coal products | do | 160 | 157 | 157 | 157 | 158 | 158 | 157 | 158 | 159 | 159 | 159 | 159 | 160 | 160 | 161 | p162 |
| Rubber and misc. plastics products | do | 868 | 884 | 883 | 880 | 878 | 875 | 873 | 869 | 865 | 867 | 869 | 868 | 871 | 874 | r873 | p870 |
| Leather and leather products | do | 143 | 136 | 135 | 135 | 135 | 133 | 132 | 132 | 131 | 131 | 130 | 129 | 128 | r126 | 124 | p124 |
| Service-producing | do | 80,363 | 83,087 | 83,272 | 83,564 | 83,697 | 83,965 | 84,165 | 84,466 | 84,619 | 84,863 | 84,997 | 85,426 | 85,667 | r85,635 | r85,644 | p85,627 |
| Transportation and public utilities | do | 5,527 | 5,648 | 5,561 | 5,656 | 5,671 | 5,693 | 5,776 | 5,790 | 5,804 | 5,808 | 5,809 | 5,833 | 5,846 | r5,841 | r5,845 | p5,859 |
| Wholesale trade | do | 6,055 | 6,271 | 6,294 | 6,303 | 6,313 | 6,335 | 6,344 | 6,356 | 6,357 | 6,361 | 6,363 | 6,369 | 6,383 | r6,374 | r6,375 | p6,374 |
| Retail trade | do | 19,077 | 19,580 | 19,620 | 19,634 | 19,665 | 19,714 | 19,710 | 19,807 | 19,758 | 19,764 | 19,778 | 19,795 | 19,822 | r19,851 | r19,838 | p19,828 |
| Finance, insurance, and real estate | do | 6,649 | 6,724 | 6,740 | 6,753 | 6,756 | 6,774 | 6,785 | 6,794 | 6,817 | 6,821 | 6,823 | 6,838 | 6,844 | r6,842 | r6,850 | p6,843 |
| Services | do | 25,669 | 27,096 | 27,226 | 27,335 | 27,408 | 27,548 | 27,623 | 27,721 | 27,842 | 27,950 | 27,969 | 28,094 | 28,225 | r28,287 | r28,386 | p28,407 |
| Government | do | 17,386 | 17,769 | 17,831 | 17,883 | 17,884 | 17,901 | 17,927 | 17,998 | 18,041 | 18,159 | 18,255 | 18,497 | 18,547 | r18,440 | r18,350 | p18,316 |
| Federal | do | 2,971 | 2,988 | 2,996 | 2,992 | 2,986 | 2,982 | 2,977 | 3,000 | 3,005 | 3,089 | 3,151 | 3,346 | 3,338 | r3,164 | r3,049 | p3,010 |
| State | do | 4,076 | 4,175 | 4,191 | 4,215 | 4,202 | 4,212 | 4,206 | 4,225 | 4,239 | 4,249 | 4,252 | 4,262 | 4,296 | r4,298 | r4,317 | p4,297 |
| Local | do | 10,339 | 10,606 | 10,644 | 10,676 | 10,696 | 10,707 | 10,744 | 10,773 | 10,797 | 10,821 | 10,852 | 10,889 | 10,913 | 10,978 | r10,984 | p11,009 |
| Production or nonsupervisory workers on private nonfarm payrolls, **not seas. adjusted** | thous | 71,383 | 73,474 | 74,398 | 74,320 | 74,351 | 74,600 | 74,633 | 72,876 | 73,004 | 73,432 | 74,051 | 74,733 | 75,590 | r75,438 | r75,571 | p75,249 |
| Manufacturing | do | 13,221 | 13,257 | 13,324 | 13,336 | 13,270 | 13,221 | 13,152 | 12,887 | 12,977 | 12,968 | 12,984 | 12,992 | 13,090 | r12,919 | r13,032 | p13,041 |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Production or nonsupervisory workers on private nonfarm payrolls | thous | 71,383 | 73,474 | 73,610 | 73,746 | 73,838 | 74,045 | 74,115 | 74,300 | 74,512 | 74,545 | 74,496 | 74,651 | 74,827 | r74,799 | r74,771 | p74,686 |
| Goods-producing | do | 17,722 | 17,815 | 17,843 | 17,786 | 17,764 | 17,759 | 17,696 | 17,662 | 17,810 | 17,742 | 17,667 | 17,673 | 17,651 | r17,613 | r17,525 | p17,445 |
| Mining | do | 512 | 499 | 504 | 505 | 507 | 512 | 514 | 518 | 521 | 523 | 527 | 530 | 537 | r537 | r528 | p530 |
| Construction | do | 3,990 | 4,059 | 4,076 | 4,077 | 4,086 | 4,103 | 4,058 | 4,135 | 4,205 | 4,158 | 4,094 | 4,120 | 4,107 | r4,066 | r4,030 | p4,004 |
| Manufacturing | do | 13,221 | 13,257 | 13,263 | 13,204 | 13,171 | 13,144 | 13,124 | 13,009 | 13,084 | 13,061 | 13,046 | 13,023 | 13,007 | r13,010 | r12,967 | p12,911 |
| Durable goods | do | 7,596 | 7,615 | 7,615 | 7,567 | 7,541 | 7,519 | 7,506 | 7,400 | 7,488 | 7,479 | 7,461 | 7,450 | 7,439 | r7,438 | r7,396 | p7,347 |
| Lumber and wood products | do | 640 | 627 | 623 | 620 | 622 | 621 | 621 | 622 | 620 | 620 | 619 | 617 | 612 | 610 | 607 | p606 |
| Furniture and fixtures | do | 421 | 420 | 419 | 417 | 415 | 414 | 412 | 412 | 411 | 411 | 409 | 408 | 408 | r404 | r406 | p402 |
| Stone, clay, and glass products | do | 444 | 444 | 443 | 440 | 442 | 443 | 442 | 443 | 444 | 440 | 436 | 434 | 432 | r429 | r428 | p425 |
| Primary metal industries | do | 590 | 589 | 589 | 584 | 581 | 578 | 576 | 572 | 575 | 573 | 574 | 574 | 574 | 577 | 573 | p570 |
| Fabricated metal products | do | 1,064 | 1,071 | 1,068 | 1,063 | 1,059 | 1,055 | 1,052 | 1,039 | 1,044 | 1,044 | 1,047 | 1,045 | 1,043 | r1,047 | r1,046 | p1,041 |
| Industrial machinery and equipment | do | 1,259 | 1,286 | 1,289 | 1,285 | 1,277 | 1,282 | 1,282 | 1,284 | 1,280 | 1,276 | 1,274 | 1,274 | 1,270 | r1,271 | 1,261 | p1,248 |
| Electronic and other electrical equipment | do | 1,114 | 1,108 | 1,108 | 1,104 | 1,101 | 1,096 | 1,090 | 1,086 | 1,083 | 1,084 | 1,082 | 1,080 | 1,078 | r1,073 | r1,067 | p1,059 |
| Transportation equipment | do | 1,274 | 1,280 | 1,283 | 1,266 | 1,257 | 1,248 | 1,250 | 1,154 | 1,244 | 1,246 | 1,239 | 1,238 | 1,250 | r1,253 | r1,240 | p1,227 |
| Instruments and related products | do | 509 | 509 | 509 | 506 | 505 | 502 | 499 | 503 | 503 | 503 | 502 | 499 | 495 | 493 | r490 | p490 |
| Miscellaneous manufacturing | do | 281 | 281 | 284 | 282 | 282 | 280 | 282 | 285 | 284 | 282 | 279 | 281 | 277 | r281 | r278 | p279 |

See footnotes at end of tables.

## LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **EMPLOYMENT 8—Continued** | | | | | | | | | | | | | | | | | |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Production or nonsupervisory workers—Continued | | | | | | | | | | | | | | | | | |
| Nondurable goods | thous | 5,625 | 5,642 | 5,648 | 5,637 | 5,630 | 5,625 | 5,618 | 5,609 | 5,596 | 5,582 | 5,585 | 5,573 | 5,568 | r5,572 | r5,571 | p5,564 |
| Food and kindred products | do | 1,158 | 1,177 | 1,180 | 1,183 | 1,184 | 1,183 | 1,182 | 1,185 | 1,183 | 1,183 | 1,188 | 1,187 | 1,179 | r1,182 | r1,186 | p1,187 |
| Tobacco manufactures | do | 41 | 37 | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 33 | 34 | 34 | 34 | 35 | p34 |
| Textile mill products | do | 632 | 626 | 626 | 622 | 622 | 619 | 617 | 615 | 612 | 609 | 609 | 604 | 603 | 602 | r602 | p599 |
| Apparel and other textile products | do | 915 | 906 | 907 | 903 | 898 | 896 | 894 | 886 | 879 | 870 | 869 | 865 | 863 | r860 | r859 | p858 |
| Paper and allied products | do | 517 | 522 | 523 | 522 | 522 | 522 | 523 | 524 | 525 | 524 | 525 | 523 | 525 | 526 | r527 | p528 |
| Printing and publishing | do | 867 | 868 | 868 | 867 | 867 | 870 | 873 | 875 | 876 | 876 | 875 | 876 | 877 | r880 | 880 | p878 |
| Chemicals and allied products | do | 597 | 603 | 605 | 604 | 605 | 605 | 605 | 604 | 603 | 601 | 601 | 601 | 600 | r602 | r598 | p600 |
| Petroleum and coal products | do | 104 | 103 | 103 | 103 | 103 | 104 | 103 | 103 | 104 | 105 | 104 | 104 | 105 | 105 | 105 | p105 |
| Rubber and misc. plastics products | do | 675 | 688 | 688 | 685 | 682 | 679 | 677 | 673 | 670 | 670 | 673 | 672 | 676 | r677 | r677 | p674 |
| Leather and leather products | do | 118 | 113 | 112 | 112 | 111 | 111 | 109 | 109 | 109 | 109 | 108 | 107 | 106 | 104 | r102 | p101 |
| Service-producing | do | 53,660 | 55,660 | 55,767 | 55,960 | 56,074 | 56,286 | 56,419 | 56,638 | 56,702 | 56,803 | 56,829 | 56,978 | 57,176 | r57,186 | r57,246 | p57,241 |
| Transportation and public utilities | do | 4,574 | 4,694 | 4,626 | 4,700 | 4,718 | 4,737 | 4,801 | 4,821 | 4,826 | 4,833 | 4,831 | 4,848 | 4,866 | r4,852 | r4,853 | p4,861 |
| Wholesale trade | do | 4,878 | 5,048 | 5,066 | 5,071 | 5,081 | 5,094 | 5,099 | 5,116 | 5,111 | 5,111 | 5,109 | 5,106 | 5,130 | r5,118 | r5,116 | p5,110 |
| Retail trade | do | 16,917 | 17,353 | 17,396 | 17,402 | 17,425 | 17,475 | 17,465 | 17,550 | 17,497 | 17,506 | 17,517 | 17,533 | 17,563 | r17,588 | r17,562 | p17,544 |
| Finance, insurance, and real estate | do | 4,825 | 4,870 | 4,882 | 4,897 | 4,901 | 4,914 | 4,923 | 4,938 | 4,958 | 4,960 | 4,961 | 4,970 | 4,970 | r4,965 | r4,969 | p4,962 |
| Services | do | 22,467 | 23,695 | 23,797 | 23,890 | 23,949 | 24,066 | 24,131 | 24,213 | 24,310 | 24,393 | 24,411 | 24,521 | 24,647 | r24,663 | r24,746 | p24,764 |
| **AVERAGE HOURS PER WEEK 8** | | | | | | | | | | | | | | | | | |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Average weekly hours per worker on private nonfarm payrolls: ◊ | | | | | | | | | | | | | | | | | |
| **Not seasonally adjusted** | hours | 34.7 | 34.6 | 34.9 | 34.7 | 34.8 | 34.5 | 34.6 | 34.1 | 34.2 | 34.3 | 34.4 | 34.4 | 34.8 | 34.9 | 34.8 | p34.8 |
| **Seasonally adjusted** | do | | | 34.5 | 34.6 | 34.6 | 34.5 | 34.4 | 34.4 | 34.6 | 34.6 | 34.5 | 34.5 | 34.7 | 34.5 | 34.5 | p34.7 |
| Mining | do | 42.3 | 43.0 | 43.4 | 43.7 | 43.6 | 43.7 | 43.0 | 43.6 | 43.7 | 43.5 | 43.4 | 43.6 | 44.4 | 43.7 | r43.8 | p43.9 |
| Construction ‡ | do | 37.9 | 37.9 | 38.9 | 38.6 | 39.2 | 38.0 | 37.0 | 37.6 | 37.3 | 37.9 | 37.3 | 38.2 | 39.1 | 38.3 | 39.0 | p39.1 |
| Manufacturing: | | | | | | | | | | | | | | | | | |
| **Not seasonally adjusted** | do | 41.1 | 41.0 | 40.9 | 41.2 | 40.9 | 41.1 | 41.3 | 40.6 | 40.4 | 40.7 | 39.8 | 40.9 | 41.1 | 40.5 | r40.8 | p41.2 |
| **Seasonally adjusted** | do | | | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.7 | 40.8 | 40.8 | 40.7 | 40.9 | 41.0 | 40.9 | 41.0 | p41.0 |
| Overtime hours | do | 3.9 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.7 | 3.5 | 3.8 | 3.8 | r3.7 | r3.8 | p3.7 |
| Durable goods | do | 41.8 | 41.6 | 41.6 | 41.5 | 41.3 | 41.2 | 41.2 | 41.3 | 41.3 | 41.4 | 41.2 | 41.5 | 41.6 | r41.5 | 41.6 | p41.6 |
| Overtime hours | do | 4.1 | 3.9 | 3.9 | 3.8 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.8 | 3.5 | 3.9 | 3.9 | r3.8 | r3.9 | p3.8 |
| Lumber and wood products | do | 40.1 | 40.1 | 40.1 | 40.1 | 40.3 | 40.2 | 40.0 | 40.4 | 40.1 | 40.4 | 40.2 | 40.4 | 40.3 | 40.2 | 40.4 | p40.7 |
| Furniture and fixtures | do | 39.4 | 39.5 | 39.5 | 39.5 | 39.2 | 39.4 | 39.1 | 39.6 | 39.3 | 39.2 | 39.0 | 39.2 | 39.3 | r39.6 | r39.4 | p38.9 |
| Stone, clay, and glass products | do | 42.3 | 42.3 | 42.5 | 42.2 | 42.4 | 42.4 | 41.6 | 42.3 | 42.2 | 42.0 | 42.0 | 42.1 | 42.3 | r41.7 | 42.3 | p42.1 |
| Primary metal industries | do | 43.5 | 43.0 | 42.8 | 42.6 | 42.5 | 42.5 | 42.5 | 42.6 | 42.5 | 42.7 | 41.8 | 43.0 | 43.0 | 43.1 | r43.0 | p43.0 |
| Fabricated metal products | do | 41.9 | 41.6 | 41.5 | 41.5 | 41.4 | 41.3 | 41.2 | 41.1 | 41.4 | 41.5 | 41.2 | 41.7 | 41.6 | r41.7 | 41.6 | p41.5 |
| Industrial machinery and equipment | do | 42.7 | 42.4 | 42.3 | 42.2 | 42.1 | 42.2 | 42.1 | 42.1 | 42.1 | 42.0 | 41.8 | 42.1 | 42.0 | r42.0 | r42.1 | p42.1 |
| Electronic and other electrical equipment | do | 41.0 | 40.8 | 41.0 | 41.0 | 41.0 | 40.8 | 40.5 | 40.9 | 41.1 | 41.0 | 40.9 | 40.9 | 41.0 | r40.7 | r40.5 | p40.9 |
| Transportation equipment | do | 42.7 | 42.4 | 42.5 | 42.7 | 41.3 | 41.0 | 41.7 | 41.5 | 41.6 | 42.0 | 41.9 | 42.5 | 42.6 | 42.8 | r42.7 | p42.7 |
| Instruments and related products | do | 41.4 | 41.1 | 41.0 | 40.9 | 41.0 | 41.0 | 41.0 | 40.9 | 41.0 | 41.1 | 41.2 | 41.1 | 41.2 | r41.2 | r41.3 | p41.4 |
| Miscellaneous manufacturing | do | 39.2 | 39.4 | 39.4 | 39.2 | 39.3 | 39.7 | 39.3 | 39.5 | 39.5 | 39.4 | 39.2 | 39.4 | 39.4 | r39.5 | r39.8 | p39.9 |
| Nondurable goods | do | 40.2 | 40.2 | 40.2 | 40.2 | 40.1 | 40.1 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.1 | 40.3 | 40.1 | 40.2 | p40.1 |
| Overtime hours | do | 3.6 | 3.6 | 3.6 | 3.7 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.6 | 3.4 | 3.6 | 3.6 | 3.6 | 3.7 | p3.6 |
| Food and kindred products | do | 40.3 | 40.7 | 40.7 | 40.9 | 40.8 | 40.8 | 40.7 | 40.6 | 40.6 | 40.7 | 40.6 | 40.8 | 40.9 | r40.5 | r40.9 | p41.1 |
| Tobacco manufactures ‡ | do | 39.8 | 38.5 | 37.3 | 40.3 | 40.3 | 39.0 | 38.1 | 37.6 | 37.7 | 38.8 | 38.1 | 39.2 | 39.5 | r38.6 | r38.1 | p38.8 |
| Textile mill products | do | 41.0 | 40.9 | 41.0 | 40.6 | 40.6 | 40.4 | 40.2 | 40.3 | 40.2 | 40.0 | 40.0 | 40.2 | 40.4 | r40.2 | r39.9 | p39.7 |
| Apparel and other textile products | do | 37.0 | 36.9 | 36.9 | 36.8 | 36.9 | 36.8 | 36.4 | 36.6 | 36.6 | 36.3 | 36.4 | 36.6 | 36.7 | 36.6 | 36.6 | p36.7 |
| Paper and allied products | do | 43.3 | 43.3 | 43.5 | 43.2 | 43.3 | 43.4 | 43.2 | 43.2 | 43.1 | 43.2 | 43.3 | 43.3 | 43.5 | 43.5 | r43.5 | p42.9 |
| Printing and publishing | do | 38.0 | 37.9 | 37.8 | 38.0 | 37.8 | 37.9 | 37.7 | 37.9 | 37.9 | 38.0 | 37.8 | 37.9 | 38.0 | r38.0 | r38.2 | p38.0 |
| Chemicals and allied products | do | 42.2 | 42.4 | 42.4 | 42.5 | 42.5 | 42.4 | 42.6 | 42.7 | 42.4 | 42.5 | 42.6 | 42.6 | 42.6 | r42.4 | 42.5 | p42.7 |
| Petroleum and coal products ‡ | do | 44.4 | 44.3 | 43.8 | 44.4 | 45.2 | 44.8 | 45.4 | 44.0 | 44.0 | 44.2 | 44.5 | 44.2 | 46.8 | r44.7 | r43.8 | p44.3 |
| Rubber and misc. plastics products | do | 41.7 | 41.4 | 41.2 | 41.1 | 41.1 | 41.1 | 40.9 | 40.8 | 41.2 | 41.4 | 40.9 | 41.4 | 41.6 | 41.5 | r41.3 | p41.3 |
| Leather and leather products | do | 37.5 | 37.9 | 38.1 | 38.2 | 37.7 | 37.6 | 37.4 | 37.4 | 37.7 | 37.7 | 37.5 | 37.4 | 37.5 | r37.4 | r37.7 | p37.4 |
| Transportation and public utilities | do | 38.8 | 38.9 | 38.6 | 38.8 | 38.8 | 38.6 | 38.6 | 38.3 | 38.7 | 39.0 | 39.0 | 39.1 | 39.2 | 39.0 | r39.0 | p39.3 |
| Wholesale trade | do | 38.1 | 38.0 | 38.0 | 38.1 | 38.1 | 38.1 | 38.1 | 38.0 | 38.0 | 38.1 | 38.1 | 38.0 | 38.1 | 38.1 | r38.1 | p38.1 |
| Retail trade | do | 29.1 | 28.9 | 28.9 | 28.9 | 28.9 | 28.8 | 28.8 | 28.8 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 28.9 | 28.7 | p28.9 |
| Finance, insurance, and real estate ‡ | do | 35.9 | 35.8 | 35.8 | 35.6 | 36.1 | 35.6 | 35.6 | 35.6 | 35.7 | 35.6 | 36.1 | 35.5 | 35.8 | 36.2 | 35.7 | p36.2 |
| Services | do | 32.6 | 32.6 | 32.5 | 32.6 | 32.7 | 32.6 | 32.6 | 32.5 | 32.6 | 32.5 | 32.6 | 32.5 | 32.6 | 32.6 | r32.5 | p32.8 |
| **AGGREGATE EMPLOYEE-HOURS 8** | | | | | | | | | | | | | | | | | |
| **Seasonally Adjusted** | | | | | | | | | | | | | | | | | |
| Employee-hours, wage & salary workers in nonagric. establish, for 1 week in the month, seas adj. at annual rate | bil. hours | | | | | | | | r202.73 | r203.78 | r203.89 | r202.87 | r204.58 | r206.16 | r205.55 | 204.86 | p205.75 |
| Total private sector | do | | | | | | | | r166.59 | r167.55 | r167.55 | r167.46 | r167.75 | r168.64 | r168.23 | 167.90 | p168.82 |
| Mining | do | | | | | | | | r1.64 | r1.65 | r1.65 | r1.66 | r1.67 | r1.72 | r1.69 | 1.68 | p1.69 |
| Construction | do | | | | | | | | r10.63 | r10.80 | r10.56 | r10.22 | r10.43 | r10.57 | r10.22 | 10.31 | p10.44 |
| Manufacturing | do | | | | | | | | r40.67 | r40.83 | r40.81 | r40.67 | r40.77 | r40.83 | r40.69 | 40.66 | p40.49 |
| Transportation and public utilities | do | | | | | | | | r11.53 | r11.68 | r11.78 | r11.78 | r11.86 | r11.92 | r11.85 | 11.85 | p11.97 |
| Wholesale trade | do | | | | | | | | r12.56 | r12.56 | r12.60 | r12.61 | r12.59 | r12.65 | 12.63 | 12.63 | p12.63 |
| Retail trade | do | | | | | | | | r29.66 | r29.69 | 29.80 | r29.83 | r29.85 | r29.89 | r29.83 | 29.61 | p29.80 |
| Finance, insurance, and real estate | do | | | | | | | | r12.58 | r12.66 | r12.63 | r12.81 | r12.62 | r12.74 | r12.88 | 12.72 | p12.88 |
| Services | do | | | | | | | | r47.33 | r47.68 | r47.72 | r47.90 | r47.96 | r48.33 | r48.43 | 48.45 | p48.93 |
| Government | do | | | | | | | | r36.13 | r36.23 | r36.35 | r35.41 | r36.83 | r37.52 | r37.32 | 36.96 | p36.92 |
| Indexes of employee-hours (aggregate weekly): ◊ | | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls, total | 1982=100 | 119.7 | 122.8 | 122.8 | 123.2 | 123.4 | 123.5 | 123.3 | 123.6 | 124.4 | 124.4 | 124.2 | 124.6 | 125.3 | 124.8 | r124.5 | p125.2 |
| Goods-producing | do | 111.7 | 112.1 | 112.4 | 111.9 | 111.6 | 111.6 | 110.4 | 111.1 | 112.1 | 111.5 | 110.1 | 111.2 | 111.7 | 110.5 | 110.5 | p110.2 |
| Mining | do | 61.8 | 61.3 | 62.4 | 62.9 | 63.1 | 63.8 | 63.0 | 64.4 | 64.9 | 64.9 | 65.2 | 65.9 | 68.0 | r66.9 | r66.0 | p66.4 |
| Construction | do | 137.1 | 139.7 | 141.0 | 140.6 | 141.7 | 143.0 | 138.1 | 144.9 | 147.7 | 144.6 | 138.6 | 142.1 | 144.3 | r138.4 | r139.8 | p139.9 |
| Manufacturing | do | 109.5 | 109.5 | 109.6 | 109.0 | 108.3 | 108.0 | 107.6 | 106.8 | 107.6 | 107.5 | 107.0 | 107.5 | 107.6 | 107.4 | r107.1 | p106.6 |
| Durable goods | do | 110.0 | 109.7 | 109.7 | 108.9 | 107.9 | 107.4 | 107.1 | 105.9 | 107.2 | 107.3 | 106.5 | 107.3 | 107.1 | r107.1 | 106.5 | p105.9 |
| Nondurable goods | do | 108.9 | 109.3 | 109.4 | 109.2 | 109.0 | 108.8 | 108.3 | 108.2 | 108.0 | 107.8 | 107.6 | 107.9 | 108.2 | 107.7 | r107.9 | p107.7 |
| Service-producing | do | 123.2 | 127.6 | 127.5 | 128.2 | 128.8 | 128.8 | 129.1 | 129.3 | 129.9 | 130.2 | 130.5 | 130.6 | 131.4 | 131.2 | r130.8 | p131.9 |
| Transportation and public utilities | do | 108.4 | 111.6 | 109.2 | 111.5 | 112.0 | 111.8 | 113.4 | 112.9 | 114.2 | 115.3 | 115.2 | 116.0 | 116.7 | 115.8 | r115.3 | p116.9 |
| Wholesale trade | do | 113.8 | 117.7 | 118.0 | 118.4 | 118.7 | 119.0 | 119.1 | 119.2 | 119.1 | 119.4 | 119.3 | 118.9 | 119.8 | r119.5 | r119.5 | p119.3 |
| Retail trade | do | 121.3 | 123.6 | 123.7 | 123.8 | 123.9 | 123.8 | 123.8 | 124.4 | 124.4 | 124.9 | 125.0 | 125.1 | 125.3 | r125.1 | r124.0 | p124.8 |
| Finance, insurance, and real estate | do | 119.5 | 120.5 | 120.7 | 120.7 | 121.8 | 121.1 | 121.0 | 121.4 | 122.2 | 122.3 | 122.6 | 122.5 | 122.9 | 123.1 | r122.8 | p124.4 |
| Services | do | 132.9 | 140.1 | 140.4 | 141.4 | 142.1 | 142.4 | 142.8 | 142.8 | 143.8 | 143.9 | 144.4 | 144.6 | 145.8 | 145.9 | r146.0 | p147.4 |

See footnotes at end of tables.

## LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **HOURLY AND WEEKLY EARNINGS §** | | | | | | | | | | | | | | | | | |
| Average hourly earnings per worker: ◊ | | | | | | | | | | | | | | | | | |
| **Not seasonally adjusted:** | | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls | dollars | 9.28 | 9.66 | 9.61 | 9.77 | 9.81 | 9.81 | 9.84 | 9.87 | 9.91 | 9.93 | 9.97 | 9.97 | 9.98 | 10.00 | r10.00 | p10.17 |
| Mining | do | 12.80 | 13.25 | 13.22 | 13.29 | 13.23 | 13.27 | 13.46 | 13.46 | 13.46 | 13.57 | 13.66 | 13.56 | 13.66 | 13.69 | r13.62 | p13.74 |
| Construction | do | 13.08 | 13.52 | 13.51 | 13.65 | 13.71 | 13.69 | 13.84 | 13.59 | 13.59 | 13.63 | 13.58 | 13.68 | 13.63 | 13.70 | 13.74 | p13.95 |
| Manufacturing | do | 10.19 | 10.49 | 10.46 | 10.56 | 10.54 | 10.59 | 10.68 | 10.60 | 10.68 | 10.75 | 10.75 | 10.81 | 10.85 | 10.88 | r10.82 | p10.94 |
| Excluding overtime | do | 9.73 | 10.02 | 9.99 | 10.06 | 10.06 | 10.11 | 10.20 | 10.16 | 10.25 | 10.30 | 10.37 | 10.36 | 10.37 | 10.41 | r10.33 | p10.41 |
| Durable goods | do | 10.71 | 11.01 | 10.99 | 11.11 | 11.07 | 11.11 | 11.19 | 11.06 | 11.18 | 11.25 | 11.22 | 11.33 | 11.37 | 11.38 | r11.35 | p11.49 |
| Excluding overtime | do | 10.22 | 10.52 | 10.50 | 10.59 | 10.57 | 10.61 | 10.69 | 10.60 | 10.73 | 10.78 | 10.84 | 10.84 | 10.86 | 10.90 | r10.84 | p10.95 |
| Lumber and wood products | do | 8.59 | 8.84 | 8.90 | 8.95 | 8.96 | 8.96 | 9.01 | 9.00 | 8.95 | 9.05 | 9.09 | 9.11 | 9.09 | 9.16 | r9.15 | p9.20 |
| Furniture and fixtures | do | 7.95 | 8.26 | 8.30 | 8.40 | 8.41 | 8.41 | 8.43 | 8.45 | 8.42 | 8.43 | 8.42 | 8.47 | 8.52 | 8.50 | r8.57 | p8.65 |
| Stone, clay, and glass products | do | 10.56 | 10.83 | 10.85 | 10.87 | 10.90 | 10.95 | 10.96 | 10.96 | 10.93 | 11.03 | 11.18 | 11.15 | 11.17 | 11.21 | r11.15 | p11.22 |
| Primary metal industries | do | 12.16 | 12.42 | 12.42 | 12.54 | 12.50 | 12.57 | 12.59 | 12.56 | 12.66 | 12.71 | 12.86 | 12.82 | 12.90 | 13.04 | r12.94 | p13.02 |
| Fabricated metal products | do | 10.29 | 10.57 | 10.54 | 10.68 | 10.61 | 10.65 | 10.72 | 10.60 | 10.70 | 10.75 | 10.65 | 10.79 | 10.85 | 10.86 | r10.84 | p10.95 |
| Industrial machinery and equipment ‡‡ | do | 11.08 | 11.40 | 11.37 | 11.46 | 11.48 | 11.53 | 11.62 | 11.55 | 11.60 | 11.64 | 11.55 | 11.70 | 11.75 | 11.78 | r11.80 | p11.92 |
| Electronic and other electrical equipment ‡‡ | do | 9.79 | 10.05 | 10.06 | 10.13 | 10.08 | 10.11 | 10.14 | 10.13 | 10.16 | 10.17 | 10.17 | 10.22 | 10.27 | 10.34 | r10.32 | p10.42 |
| Transportation equip. ‡‡ | do | 13.29 | 13.68 | 13.67 | 13.86 | 13.82 | 13.83 | 13.91 | 13.55 | 13.88 | 14.02 | 13.89 | 14.14 | 14.20 | 14.06 | r14.08 | p14.36 |
| Instruments and related products | do | 10.60 | 10.83 | 10.90 | 10.94 | 10.97 | 10.99 | 11.10 | 11.09 | 11.13 | 11.19 | 11.20 | 11.23 | 11.27 | 11.37 | r11.36 | p11.45 |
| Miscellaneous manufacturing | do | 8.00 | 8.29 | 8.20 | 8.36 | 8.36 | 8.47 | 8.57 | 8.57 | 8.56 | 8.59 | 8.56 | 8.59 | 8.61 | 8.60 | r8.60 | p8.63 |
| Nondurable goods | do | 9.45 | 9.75 | 9.73 | 9.81 | 9.81 | 9.87 | 9.96 | 9.97 | 9.97 | 10.04 | 10.10 | 10.10 | 10.12 | 10.20 | 10.12 | p10.19 |
| Excluding overtime | do | 9.04 | 9.33 | 9.29 | 9.35 | 9.37 | 9.43 | 9.53 | 9.56 | 9.58 | 9.63 | 9.73 | 9.68 | 9.69 | 9.76 | 9.65 | p9.70 |
| Food and kindred products | do | 9.12 | 9.38 | 9.32 | 9.37 | 9.33 | 9.43 | 9.56 | 9.53 | 9.54 | 9.61 | 9.61 | 9.63 | 9.67 | 9.68 | r9.54 | p9.57 |
| Tobacco manufactures | do | 14.67 | 15.36 | 15.72 | 14.71 | 14.91 | 15.01 | 15.33 | 15.49 | 15.73 | 16.46 | 17.09 | 17.17 | 17.24 | 17.42 | r16.23 | p15.76 |
| Textile mill products | do | 7.38 | 7.67 | 7.68 | 7.74 | 7.76 | 7.80 | 7.85 | 7.90 | 7.90 | 7.94 | 7.91 | 7.98 | 8.02 | 8.01 | r8.04 | p8.09 |
| Apparel and other textile products | do | 6.12 | 6.35 | 6.33 | 6.41 | 6.39 | 6.43 | 6.45 | 6.40 | 6.45 | 6.53 | 6.56 | 6.60 | 6.61 | 6.59 | r6.64 | p6.70 |
| Paper and allied products | do | 11.69 | 11.96 | 11.95 | 12.04 | 12.01 | 12.10 | 12.13 | 12.11 | 12.11 | 12.11 | 12.25 | 12.25 | 12.23 | 12.36 | r12.29 | p12.39 |
| Printing and publishing | do | 10.53 | 10.88 | 10.91 | 11.07 | 11.06 | 11.07 | 11.09 | 11.12 | 11.13 | 11.17 | 11.12 | 11.17 | 11.16 | 11.25 | r11.29 | p11.41 |
| Chemicals and allied products | do | 12.71 | 13.09 | 13.10 | 13.20 | 13.27 | 13.28 | 13.32 | 13.34 | 13.27 | 13.34 | 13.53 | 13.46 | 13.51 | 13.58 | r13.55 | p13.63 |
| Petroleum and coal products | do | 14.97 | 15.41 | 15.20 | 15.41 | 15.60 | 15.62 | 15.75 | 15.87 | 15.90 | 16.11 | 16.31 | 16.13 | 16.23 | 16.22 | r16.01 | p16.35 |
| Rubber and misc. plastics products | do | 9.19 | 9.47 | 9.47 | 9.50 | 9.50 | 9.54 | 9.64 | 9.65 | 9.64 | 9.68 | 9.66 | 9.75 | 9.77 | 9.85 | r9.78 | p9.86 |
| Leather and leather products | do | 6.28 | 6.60 | 6.55 | 6.65 | 6.65 | 6.68 | 6.74 | 6.82 | 6.84 | 6.87 | 6.94 | 6.92 | 6.91 | 6.79 | r6.84 | p6.94 |
| Transportation and public utilities | do | 12.26 | 12.61 | 12.61 | 12.73 | 12.74 | 12.71 | 12.76 | 12.79 | 12.87 | 12.83 | 12.96 | 12.82 | 12.86 | 12.99 | r12.97 | p13.11 |
| Wholesale trade | do | 9.98 | 10.39 | 10.36 | 10.48 | 10.51 | 10.56 | 10.63 | 10.61 | 10.66 | 10.66 | 10.78 | 10.73 | 10.76 | 10.82 | r10.77 | p10.92 |
| Retail trade | do | 6.31 | 6.53 | 6.49 | 6.59 | 6.61 | 6.63 | 6.65 | 6.73 | 6.72 | 6.74 | 6.75 | 6.75 | 6.75 | 6.74 | 6.75 | p6.87 |
| Finance, insurance, and real estate | do | 9.06 | 9.54 | 9.47 | 9.60 | 9.70 | 9.67 | 9.73 | 9.80 | 9.87 | 9.84 | 9.97 | 9.90 | 9.90 | 10.00 | r9.94 | p10.09 |
| Services | do | 8.88 | 9.39 | 9.30 | 9.49 | 9.58 | 9.61 | 9.68 | 9.72 | 9.75 | 9.76 | 9.82 | 9.77 | 9.75 | 9.79 | r9.77 | p9.99 |
| **Seasonally adjusted:** | | | | | | | | | | | | | | | | | |
| Private nonfarm payrolls | dollars | 9.28 | 9.66 | 9.70 | 9.73 | 9.78 | 9.78 | 9.83 | 9.82 | 9.88 | 9.93 | 9.96 | 9.98 | 10.03 | 10.07 | r10.08 | p10.14 |
| Mining | do | 12.80 | 13.25 | 13.30 | 13.31 | 13.32 | 13.32 | 13.40 | 13.33 | 13.33 | 13.51 | 13.59 | 13.58 | 13.73 | 13.79 | r13.72 | p13.75 |
| Construction | do | 13.08 | 13.52 | 13.55 | 13.56 | 13.61 | 13.66 | 13.76 | 13.55 | 13.63 | 13.66 | 13.62 | 13.71 | 13.73 | 13.76 | 13.78 | p13.85 |
| Manufacturing | do | 10.19 | 10.49 | 10.53 | 10.55 | 10.57 | 10.58 | 10.62 | 10.57 | 10.67 | 10.73 | 10.75 | 10.81 | 10.86 | 10.89 | r10.90 | p10.93 |
| Transportation and public utilities | do | 12.26 | 12.61 | 12.65 | 12.68 | 12.71 | 12.65 | 12.73 | 12.78 | 12.83 | 12.87 | 12.96 | 12.88 | 12.92 | 13.02 | r13.01 | p13.06 |
| Wholesale trade | do | 9.98 | 10.39 | 10.42 | 10.48 | 10.54 | 10.55 | 10.60 | 10.57 | 10.62 | 10.67 | 10.74 | 10.74 | 10.80 | r10.84 | r10.84 | p10.92 |
| Retail trade | do | 6.31 | 6.53 | 6.56 | 6.57 | 6.60 | 6.61 | 6.64 | 6.68 | 6.69 | 6.73 | 6.74 | 6.76 | 6.78 | 6.79 | 6.82 | p6.85 |
| Finance, insurance, and real estate | do | 9.06 | 9.54 | 9.56 | 9.65 | 9.72 | 9.66 | 9.75 | 9.73 | 9.77 | 9.82 | 9.88 | 9.87 | 9.98 | 10.08 | r10.04 | p10.14 |
| Services | do | 8.88 | 9.39 | 9.44 | 9.49 | 9.55 | 9.55 | 9.61 | 9.63 | 9.67 | 9.72 | 9.79 | 9.80 | 9.85 | r9.92 | r9.92 | p9.99 |
| Indexes of avg. hourly earnings, **seas. adj.:** ◊ | | | | | | | | | | | | | | | | | |
| Private nonfarm economy: | | | | | | | | | | | | | | | | | |
| Current dollars | 1977=100 | 179.0 | (2) | | | | | | | | | | | | | | |
| 1977 dollars | do | 93.3 | (2) | | | | | | | | | | | | | | |
| Mining | do | 185.5 | (2) | | | | | | | | | | | | | | |
| Construction | do | 158.3 | (2) | | | | | | | | | | | | | | |
| Manufacturing | do | 178.8 | (2) | | | | | | | | | | | | | | |
| Transportation and public utilities | do | 181.1 | (2) | | | | | | | | | | | | | | |
| Wholesale trade | do | 182.7 | (2) | | | | | | | | | | | | | | |
| Retail trade | do | 165.9 | (2) | | | | | | | | | | | | | | |
| Finance, insurance, and real estate | do | 195.7 | (2) | | | | | | | | | | | | | | |
| Services | do | 189.8 | (2) | | | | | | | | | | | | | | |
| Hourly wages, **not seasonally adjusted:** | | | | | | | | | | | | | | | | | |
| Construction wages, 20 cities (ENR): §§ | | | | | | | | | | | | | | | | | |
| Common labor | $ per hr | 17.33 | 17.79 | 17.74 | 17.93 | 17.93 | 17.98 | 18.10 | 18.10 | 18.10 | 18.21 | 18.22 | 18.16 | 18.27 | 18.27 | 18.40 | 18.42 |
| Skilled labor | do | 22.67 | 23.21 | 23.12 | 23.15 | 23.57 | 23.61 | 23.71 | 23.71 | 23.71 | 23.71 | 23.77 | 23.88 | 24.05 | 24.05 | 24.12 | 25.25 |
| Railroad wages (average, class I) | do | 15.00 | 15.68 | 16.07 | 16.21 | 16.10 | 16.06 | 16.28 | 16.20 | 16.55 | 16.10 | 16.22 | 16.06 | 15.93 | r16.08 | 15.88 | |
| Avg. weekly earnings per worker, private nonfarm: ◊ | | | | | | | | | | | | | | | | | |
| Current dollars, **seasonally adjusted** | | 322.02 | 334.24 | 334.65 | 336.66 | 338.39 | 337.41 | 338.15 | 337.81 | 341.85 | 343.58 | 343.62 | 344.31 | 348.04 | 347.42 | r347.76 | p351.86 |
| 1982 dollars, **seasonally adjusted** ‡ | | 266.79 | 264.22 | 263.71 | 264.25 | 264.57 | 262.99 | 262.54 | 259.45 | 261.35 | 261.48 | 261.31 | 261.63 | 262.87 | 261.61 | r259.72 | p260.64 |
| Current dollars, **not seasonally adjusted:** | | | | | | | | | | | | | | | | | |
| Private nonfarm, total | dollars | 322.02 | 334.24 | 335.39 | 339.02 | 341.39 | 338.45 | 340.46 | 336.57 | 338.92 | 340.60 | 342.97 | 342.97 | 347.30 | 349.00 | r348.00 | p353.92 |
| Mining | do | 541.44 | 569.75 | 575.07 | 584.76 | 583.44 | 581.23 | 588.20 | 586.86 | 582.82 | 583.51 | 588.75 | 585.79 | 606.50 | r596.88 | r597.92 | p608.68 |
| Construction | do | 495.73 | 512.41 | 525.54 | 526.89 | 537.43 | 520.22 | 512.08 | 510.98 | 506.91 | 516.58 | 506.53 | 522.58 | 532.93 | 524.71 | 535.86 | p545.45 |
| Manufacturing | do | 418.81 | 430.09 | 427.81 | 435.07 | 431.09 | 435.25 | 441.08 | 430.36 | 431.47 | 437.53 | 427.85 | 442.13 | 445.94 | 440.64 | r441.46 | p450.73 |
| Durable goods | do | 447.68 | 458.02 | 453.89 | 463.29 | 458.30 | 461.07 | 468.86 | 455.67 | 458.38 | 465.75 | 452.17 | 470.20 | 474.13 | 466.58 | r467.62 | p479.13 |
| Nondurable goods | do | 379.89 | 391.95 | 392.12 | 397.31 | 395.34 | 398.75 | 402.38 | 396.81 | 394.81 | 399.59 | 395.92 | 404.00 | 407.84 | r406.98 | 407.84 | p412.70 |
| Transportation and public utilities | do | 475.69 | 490.53 | 490.53 | 495.20 | 496.86 | 491.88 | 493.81 | 483.46 | 494.21 | 496.52 | 504.14 | 498.70 | 506.68 | r511.81 | r509.72 | p516.53 |
| Wholesale trade | do | 380.24 | 394.82 | 393.68 | 399.29 | 401.48 | 402.34 | 406.07 | 401.06 | 402.95 | 404.01 | 410.72 | 407.74 | 411.03 | r414.41 | r410.34 | p417.14 |
| Retail trade | do | 183.62 | 188.72 | 192.10 | 190.45 | 191.03 | 189.62 | 194.85 | 189.11 | 190.18 | 192.09 | 195.75 | 194.40 | 197.78 | 200.18 | 198.45 | p198.54 |
| Finance, insurance, and real estate | do | 325.25 | 341.53 | 339.03 | 341.76 | 350.17 | 344.25 | 346.39 | 348.88 | 352.36 | 350.30 | 359.92 | 351.45 | 354.42 | 362.00 | r354.86 | p365.26 |
| Services | do | 289.49 | 306.11 | 305.04 | 308.43 | 314.22 | 312.33 | 314.60 | 314.93 | 315.90 | 316.22 | 320.13 | 315.57 | 318.83 | r323.07 | r320.46 | p326.67 |
| **EMPLOYMENT COST INDEX @** | | | | | | | | | | | | | | | | | |
| Civilian workers † | 6/89=100 | | | | 101.6 | | | 102.6 | | | 104.3 | | | 105.4 | | | 106.9 |
| Workers, by occupational group | | | | | | | | | | | | | | | | | |
| White-collar workers | do | | | | 102.0 | | | 102.9 | | | 104.6 | | | 105.8 | | | 107.5 |
| Blue-collar workers | do | | | | 101.1 | | | 102.0 | | | 103.6 | | | 104.8 | | | 105.8 |
| Service workers | do | | | | 101.7 | | | 102.8 | | | 104.2 | | | 105.1 | | | 106.6 |
| Workers, by industry division | | | | | | | | | | | | | | | | | |
| Manufacturing | do | | | | 101.1 | | | 102.0 | | | 104.0 | | | 105.3 | | | 106.4 |
| Nonmanufacturing | do | | | | 101.9 | | | 102.8 | | | 104.3 | | | 105.5 | | | 107.0 |
| Services | do | | | | 102.7 | | | 103.7 | | | 105.5 | | | 106.6 | | | 109.0 |
| Public administration | do | | | | 102.5 | | | 103.2 | | | 105.1 | | | 105.5 | | | 107.8 |
| **HELP-WANTED ADVERTISING** | | | | | | | | | | | | | | | | | |
| Seasonally adjusted index | 1967=100 | 158 | 151 | 147 | 146 | 151 | 145 | 149 | 146 | 140 | 139 | 137 | 134 | 132 | 132 | 127 | 122 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **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 | 51 | 6 | 6 | 5 | 5 | 1 | 3 | 3 | 5 | 5 | 4 | 5 | 1 | 5 | 4 |
| Workers involved in stoppages: | | | | | | | | | | | | | | | | | |
| Beginning in month or year | thous | 118 | 452 | 203 | 14 | 69 | 8 | 5 | 4 | 18 | 40 | 33 | 6 | 14 | 6 | 34 | 11 |
| Days idle during month or year | do | 4,364 | 16,996 | 3,761 | 1,922 | 3,221 | 2,344 | 376 | 312 | 281 | 720 | 813 | 536 | 527 | 705 | 752 | 566 |
| **UNEMPLOYMENT INSURANCE ‡** | | | | | | | | | | | | | | | | | |
| State programs: | | | | | | | | | | | | | | | | | |
| Initial claims | thous | 15,984 | 17,126 | 1,266 | 1,082 | 1,448 | 1,564 | 1,972 | 2,502 | 1,538 | 1,417 | 1,362 | 1,320 | 1,334 | 1,780 | 1,471 | 1,233 |
| Average weekly insured unemployment | do | 2,062 | 2,154 | 2,060 | 1,782 | 1,863 | 2,012 | 2,264 | 2,924 | 2,791 | 2,760 | 2,425 | 2,179 | 2,165 | 2,278 | 2,341 | 2,047 |
| Rate of insured unemployment @ | percent | 2.1 | 2.2 | 1.9 | 1.8 | 2.6 | 2.0 | 2.4 | 2.9 | 2.8 | 2.7 | 2.4 | 2.1 | 2.1 | 2.3 | | |
| Total benefits paid | mil. $ | 13,065 | 14,260 | 1,198 | 958 | 1,045 | 1,144 | 1,248 | 1,844 | 1,637 | 1,716 | 1,505 | 1,467 | 1,264 | r1,384 | 1,480 | 1,184 |
| Weeks of unemployment compensated | thous | 93,416 | 97,937 | 8,880 | 6,490 | 6,944 | 7,671 | 8,312 | 12,133 | 10,574 | 11,161 | 9,598 | 9,406 | 8,116 | r9,004 | 10,345 | 7,559 |
| Average weekly benefit | dollars | 144.64 | 151.68 | 148.98 | 177.55 | 155.90 | 154.71 | 155.78 | 158.53 | 160.44 | 159.60 | 162.59 | 162.04 | r161.89 | r158.66 | 160.09 | 162.20 |
| Federal civilian employees unemployment insurance (UCFE): | | | | | | | | | | | | | | | | | |
| Initial claims | thous | 120.8 | 114.4 | 9.0 | 7.8 | 10.5 | 9.3 | 9.7 | 11.9 | 7.5 | 7.4 | 7.4 | 8.1 | 9.8 | 13.5 | 9.0 | 9.9 |
| Average weekly insured unemployment | do | 22.3 | 22.1 | 22.6 | 20.6 | 20.9 | 21.2 | 21.2 | 24.4 | 22.3 | 21.3 | 18.3 | 16.9 | r18.8 | 20.5 | 23.1 | 19.6 |
| Total benefits paid | mil. $ | 142.5 | 143.5 | 13.2 | 10.6 | 11.2 | 11.9 | 11.7 | 14.7 | 12.3 | 12.6 | 10.5 | 10.4 | 9.8 | 11.4 | 13.3 | 11.1 |
| Weeks of unemployment compensated | thous | 1,043.0 | 1,085.6 | 96.4 | 78.3 | 150.5 | 85.6 | 82.3 | 101.4 | 83.2 | 84.5 | 69.0 | 69.2 | 64.7 | r75.1 | 91.5 | 76.6 |
| Average weekly benefit | dollars | 136.67 | 132.21 | 136.43 | 135.08 | 74.10 | 139.08 | 142.76 | 145.38 | 148.00 | 149.01 | 152.82 | 150.70 | 150.70 | r151.32 | 145.71 | 145.44 |
| Veterans unemployment insurance (UCX): | | | | | | | | | | | | | | | | | |
| Initial claims | thous | 142.8 | 116.9 | 10.2 | 9.0 | 9.9 | 9.8 | 10.2 | 12.8 | 11.1 | 12.8 | 11.0 | 10.1 | 9.5 | 11.1 | 11.7 | 10.3 |
| Average weekly insured unemployment | do | 18.2 | 15.1 | 14.3 | 13.8 | 14.2 | 14.7 | 15.1 | 18.4 | 18.3 | 19.4 | 18.7 | 18.4 | 17.5 | 16.4 | 17.7 | 15.3 |
| Total benefits paid | mil. $ | 123.1 | 104.7 | 9.0 | 7.9 | 8.5 | 8.9 | 9.1 | 11.8 | 10.4 | 11.6 | 10.8 | 12.2 | 10.6 | 10.4 | 11.2 | 9.6 |
| Weeks of unemployment compensated | thous | 788.8 | 644.0 | 54.9 | 47.5 | 51.2 | 53.6 | 54.4 | 70.5 | 62.2 | 69.8 | 64.1 | 71.7 | 61.8 | r60.2 | 64.1 | 54.7 |
| Average weekly benefit | dollars | 156.00 | 162.57 | 164.31 | 165.72 | 166.12 | 166.48 | 166.59 | 166.78 | 167.19 | 166.40 | 169.17 | 170.76 | 171.00 | r173.52 | 175.15 | 175.04 |
| **FINANCE** | | | | | | | | | | | | | | | | | |
| **BANKING** | | | | | | | | | | | | | | | | | |
| Open market paper outstanding, end of period: | | | | | | | | | | | | | | | | | |
| Bankers' acceptances | mil. $ | 66,631 | 62,972 | 65,764 | 63,814 | 63,660 | 63,802 | 62,972 | 60,019 | 57,852 | 55,865 | 53,945 | 54,766 | 53,756 | | | |
| Commercial and financial company paper, total | do | 451,762 | 521,859 | 513,786 | 511,881 | 512,446 | 516,426 | 521,859 | 530,926 | 540,283 | 540,732 | 552,256 | 547,170 | 542,543 | 543,609 | 546,316 | |
| Financial companies | do | 354,127 | 398,456 | 388,935 | 385,798 | 384,785 | 387,137 | 398,456 | 397,937 | 404,097 | 398,548 | 402,941 | 401,405 | 397,649 | 399,480 | 401,522 | |
| Dealer placed | do | 161,535 | 188,580 | 180,822 | 178,481 | 173,119 | 175,770 | 188,580 | 183,585 | 187,800 | 185,202 | 186,959 | 188,017 | 194,335 | 198,070 | 198,900 | |
| Directly placed | do | 192,592 | 209,876 | 208,113 | 207,317 | 211,666 | 211,367 | 209,876 | 214,352 | 216,297 | 213,346 | 215,982 | 213,388 | 203,314 | 201,410 | 202,622 | |
| Nonfinancial companies | do | 97,635 | 123,403 | 124,851 | 126,083 | 127,661 | 129,289 | 123,403 | 132,989 | 136,186 | 142,184 | 149,315 | 145,765 | 144,894 | 144,129 | 144,794 | |
| Loans of the Farm Credit System: † | | | | | | | | | | | | | | | | | |
| Total, end of period | mil. $ | 51,428 | 50,707 | | 50,589 | | | 50,707 | | | 51,196 | | | 51,208 | | | |
| Long-term real estate loans | do | 32,182 | 30,245 | | 30,474 | | | 30,245 | | | 29,923 | | | 29,595 | | | |
| Short-term and intermediate-term loans | do | 9,256 | 10,020 | | 10,240 | | | 10,020 | | | 9,701 | | | 10,542 | | | |
| Loans to cooperatives | do | 9,990 | 10,442 | | 9,876 | | | 10,442 | | | 11,572 | | | 11,071 | | | |
| Federal Reserve banks, condition, end of period: | | | | | | | | | | | | | | | | | |
| Assets, total # | mil. $ | 293,674 | 304,465 | 282,515 | 290,607 | 293,439 | 292,539 | 304,465 | 292,909 | 292,506 | 295,137 | 297,270 | 301,646 | 306,354 | 308,798 | 310,386 | 311,031 |
| Reserve bank credit outstanding, total # | do | 250,945 | 236,991 | 225,192 | 228,704 | 226,441 | 230,516 | 236,991 | 226,046 | 257,829 | 228,894 | 232,124 | 235,475 | 239,064 | 240,561 | 244,450 | 243,082 |
| Loans | do | 2,170 | 481 | 541 | 598 | 270 | 182 | 481 | 733 | 1,779 | 2,163 | 1,012 | 1,100 | 586 | 942 | 465 | 505 |
| U.S. Government securities | do | 238,422 | 228,367 | 217,409 | 221,051 | 218,176 | 223,142 | 228,367 | 218,392 | 219,132 | 219,322 | 224,468 | 227,455 | 231,383 | 232,313 | 236,434 | 234,373 |
| Gold certificate account | do | 11,060 | 11,059 | 11,066 | 11,065 | 11,062 | 11,060 | 11,059 | 11,059 | 11,059 | 11,060 | 11,060 | 11,065 | 11,065 | 11,064 | 11,065 | 11,063 |
| Liabilities, total # | do | 293,674 | 304,465 | 282,515 | 290,607 | 293,439 | 292,539 | 304,465 | 292,909 | 292,506 | 295,137 | 297,270 | 301,646 | 306,354 | 308,798 | 310,386 | 311,031 |
| Deposits, total | do | 48,898 | 46,430 | 39,114 | 46,348 | 46,018 | 43,395 | 46,430 | 43,230 | 41,143 | 41,565 | 42,036 | 39,132 | 42,429 | 41,546 | 40,600 | 42,206 |
| Member-bank reserve balances | do | 39,347 | 38,327 | 31,924 | 32,253 | 32,351 | 37,277 | 38,327 | 29,464 | 33,811 | 36,129 | 36,076 | 34,094 | 36,336 | 34,651 | 35,592 | 33,834 |
| Federal Reserve notes in circulation | do | 229,640 | 241,739 | 230,766 | 229,076 | 230,467 | 235,306 | 241,739 | 234,471 | 236,534 | 238,944 | 241,068 | 246,398 | 247,983 | 249,319 | 253,544 | 252,738 |
| All member banks of Federal Reserve System, averages of daily figures: ◊ | | | | | | | | | | | | | | | | | |
| Reserves held, total | mil. $ | [2]63,746 | [2]62,810 | 59,559 | 60,126 | 60,397 | 60,989 | 62,810 | 62,931 | 60,623 | 60,658 | 62,512 | 60,232 | 61,197 | 60,943 | r60,728 | 61,448 |
| *Required* | do | [2]62,699 | [2]61,888 | 58,674 | 59,188 | 59,378 | 60,044 | 61,888 | 61,914 | 59,634 | 59,797 | 61,615 | 59,269 | 60,422 | 60,081 | r59,860 | 60,541 |
| Excess | do | [2]1,047 | [2]922 | 885 | 938 | 1,019 | 945 | 922 | 1,017 | 989 | 861 | 897 | 962 | 774 | 862 | r868 | 907 |
| Borrowings from Federal Reserve banks | do | [2]1,716 | [2]265 | 675 | 693 | 555 | 349 | 265 | 440 | 1,448 | 2,124 | 1,628 | 1,335 | 881 | 757 | 927 | 624 |
| Free reserves | do | [2]575 | [2]677 | 251 | 267 | 486 | 617 | 677 | 602 | 76 | 687 | 672 | 502 | 239 | 385 | r68 | 289 |
| Large commercial banks reporting to Federal Reserve System, last Wed. of mo.: | | | | | | | | | | | | | | | | | |
| Deposits: | | | | | | | | | | | | | | | | | |
| Demand, total # | mil. $ | 247,112 | 248,307 | 215,034 | 222,501 | 216,550 | 223,373 | 248,307 | 232,351 | 233,383 | 220,035 | 219,106 | 234,527 | 221,364 | 215,000 | 213,251 | 225,626 |
| Individuals, partnerships, and corporations | do | 195,301 | 197,212 | 172,097 | 175,734 | 173,248 | 178,974 | 197,212 | 185,121 | 185,814 | 176,918 | 174,129 | 183,275 | 174,225 | 171,254 | 171,072 | 180,117 |
| States and political subdivisions | do | 6,993 | 7,248 | 5,182 | 6,415 | 5,978 | 5,623 | 7,248 | 7,160 | 6,935 | 5,661 | 6,477 | 6,086 | 6,280 | 6,268 | 5,405 | 6,067 |
| U.S. Government | do | 2,711 | 1,865 | 3,084 | 3,113 | 2,262 | 1,793 | 1,865 | 2,246 | 2,987 | 2,430 | 4,007 | 1,472 | 3,562 | 2,655 | 1,440 | 1,902 |
| Depository institutions in U.S. | do | 24,187 | 24,251 | 19,517 | 19,506 | 19,716 | 21,049 | 24,251 | 21,283 | 22,398 | 19,570 | 19,247 | 23,840 | 19,720 | 20,011 | 18,840 | 21,654 |
| Transaction balances other than demand deposits | do | 75,384 | 79,238 | 73,459 | 72,787 | 74,794 | 76,012 | 79,238 | 80,236 | 81,177 | 80,619 | 83,580 | 80,099 | 79,050 | 77,495 | 77,478 | 81,627 |
| Nontransaction balances, total | do | 624,038 | 704,060 | 686,827 | 687,094 | 700,138 | 703,876 | 704,060 | 719,888 | 724,933 | 730,926 | 730,316 | 741,164 | 741,932 | 751,981 | 752,705 | 755,176 |
| Individuals, partnerships, and corporations | do | 585,178 | 666,397 | 647,353 | 648,506 | 661,528 | 665,907 | 666,397 | 680,988 | 685,592 | 691,572 | 691,238 | 702,169 | 703,325 | 715,080 | 715,253 | 719,144 |
| Loans and leases(adjusted),total § | do | 918,698 | 994,060 | 971,706 | 976,688 | 986,018 | 992,651 | 994,060 | 1,003,423 | 1,006,834 | 1,005,614 | 1,007,576 | 1,010,010 | 1,011,832 | 1,012,981 | 1,017,024 | 1,019,094 |
| Commercial and industrial | do | 301,013 | 318,691 | 317,064 | 314,783 | 317,857 | 318,983 | 318,691 | 319,954 | 323,310 | 323,019 | 325,252 | 322,754 | 321,906 | 319,630 | 317,459 | 318,909 |
| For purchasing and carrying securities | do | 14,090 | 16,261 | 16,280 | 16,699 | 16,948 | 15,760 | 16,261 | 16,041 | 16,465 | 16,914 | 14,937 | 13,526 | 15,755 | 14,876 | 14,262 | 14,540 |
| To nonbank depository and other financial | do | 22,858 | 22,334 | 21,815 | 21,590 | 22,424 | 22,872 | 22,334 | 21,709 | 22,158 | 21,797 | 22,151 | 22,633 | 23,697 | 22,951 | 23,358 | 23,975 |
| Real estate loans | do | 301,629 | 352,500 | 340,854 | 342,740 | 345,702 | 350,282 | 352,500 | 358,587 | 362,353 | 365,507 | 366,109 | 371,661 | 373,682 | 377,184 | 379,229 | 381,394 |
| To States and political subdivisions | do | 28,441 | 24,940 | 26,514 | 26,222 | 26,061 | 25,389 | 24,940 | 24,756 | 24,581 | 24,270 | 23,998 | 23,716 | 23,233 | 22,774 | 22,454 | 21,978 |
| Other loans | do | 250,667 | 259,334 | 249,179 | 254,654 | 257,026 | 259,365 | 259,334 | 262,376 | 257,967 | 254,107 | 255,129 | 255,720 | 253,559 | 255,566 | 260,262 | 258,298 |
| Investments, total | do | 200,806 | 223,349 | 214,323 | 213,744 | 226,339 | 227,886 | 223,349 | 240,924 | 242,429 | 235,932 | 234,862 | 236,129 | 238,860 | 240,171 | 245,197 | 245,127 |
| U.S. Treasury and Govt. agency securities, total | do | 128,633 | 156,556 | 143,671 | 143,947 | 157,973 | 161,418 | 156,556 | 173,980 | 175,488 | 170,856 | 171,136 | 172,743 | 176,366 | 178,464 | 182,874 | 183,404 |
| Investment account | do | 114,447 | 140,002 | 131,501 | 132,031 | 138,399 | 141,011 | 140,002 | 148,843 | 152,147 | 153,148 | 155,939 | 159,623 | 160,890 | 159,761 | 165,720 | 165,754 |
| Other securities | do | 72,173 | 66,793 | 70,652 | 69,797 | 68,366 | 66,468 | 66,793 | 66,944 | 66,941 | 65,076 | 63,726 | 63,386 | 62,494 | 61,707 | 62,323 | 61,723 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **FINANCE—Continued** | | | | | | | | | | | | | | | | | |
| **BANKING—Continued** | | | | | | | | | | | | | | | | | |
| Commercial bank credit, seas. adj.: § | | | | | | | | | | | | | | | | | |
| Total loans and securities ◊ | bil. $ | 2,422.2 | 2,582.6 | 2,527.4 | r2,546.2 | r2,570.5 | r2,585.8 | r2,588.8 | r2,594.4 | r2,614.3 | r2,635.6 | r2,646.7 | r2,653.8 | r2,669.4 | r2,684.7 | 2,707.8 | 2,708.5 |
| U.S. Government securities | do | 361.4 | 394.5 | 375.5 | r379.3 | r390.9 | r396.0 | r396.1 | r404.7 | r414.5 | r422.3 | r427.3 | r430.6 | r438.5 | r440.6 | 441.3 | 447.1 |
| Other securities | do | 192.2 | 180.3 | 183.8 | r183.6 | r181.4 | r179.9 | r180.8 | r180.4 | r180.5 | r180.1 | r180.0 | r178.3 | r177.9 | r177.8 | 179.2 | 179.4 |
| Total loans and leases ◊ | do | 1,868.6 | 2,007.9 | 1,968.2 | r1,983.3 | r1,998.2 | r2,009.9 | r2,011.9 | r2,009.3 | r2,019.4 | r2,033.2 | r2,039.4 | r2,045.0 | r2,053.0 | r2,066.4 | 2,087.3 | 2,082.0 |
| Money and interest rates: | | | | | | | | | | | | | | | | | |
| Prime rate charged by banks on short-term business loans | percent | 9.32 | 10.87 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.11 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 |
| Discount rate (New York Federal Reserve Bank) @ | do | 6.20 | 6.93 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| Federal intermediate credit bank loans | do | (3) | | | | | | | | | | | | | | | |
| Home mortgage rates (conventional 1st mortgages): | | | | | | | | | | | | | | | | | |
| New home purchase (U.S. avg.) | percent | 2 8.83 | 2 9.77 | 9.83 | 9.87 | 9.77 | 9.78 | 9.70 | 9.59 | 9.56 | 9.70 | 9.83 | 9.87 | 9.80 | 9.75 | 9.75 | 9.60 |
| Existing home purchase(U.S. avg.) | do | 2 9.01 | 2 9.81 | 9.81 | 9.82 | 9.86 | 9.80 | 9.69 | 9.68 | 9.74 | 9.74 | 9.82 | 9.83 | 9.85 | 9.85 | 9.70 | 9.70 |
| Open market rates, New York City: | | | | | | | | | | | | | | | | | |
| Bankers' acceptances, 3-month | do | 7.56 | 8.87 | 8.47 | 8.59 | 8.42 | 8.21 | 8.15 | 7.97 | 8.03 | 8.15 | 8.21 | 8.12 | 8.00 | 7.86 | 7.75 | 7.83 |
| Commercial paper, 6-month ‡ | do | 7.68 | 8.80 | 8.32 | 8.50 | 8.24 | 8.00 | 7.93 | 7.96 | 8.04 | 8.23 | 8.29 | 8.23 | 8.06 | 7.90 | 7.77 | 7.83 |
| Finance co. paper placed directly, 6-mo | do | 7.14 | 8.16 | 7.49 | 7.56 | 7.50 | 7.45 | 7.33 | 7.34 | 7.40 | 7.49 | 7.74 | 8.04 | 7.79 | 7.66 | 7.46 | 7.50 |
| Yield on U.S. Gov. securities (taxable): 3-month bills (rate on new issue) | percent | 6.690 | 8.120 | 7.910 | 7.720 | 7.590 | 7.650 | 7.640 | 7.640 | 7.760 | 7.870 | 7.780 | 7.780 | 7.740 | 7.660 | 7.440 | 7.380 |
| **CONSUMER INSTALLMENT CREDIT †** | | | | | | | | | | | | | | | | | |
| **Not seasonally adjusted** | | | | | | | | | | | | | | | | | |
| Total outstanding (end of period) # | mil. $ | 674,719 | 727,561 | 705,908 | 708,370 | 711,295 | 715,145 | 727,561 | 721,026 | 717,062 | 713,138 | 715,801 | 720,045 | 722,953 | r727,196 | 733,543 | |
| By major holder: | | | | | | | | | | | | | | | | | |
| Commercial banks | do | 324,792 | 343,865 | 330,488 | 332,502 | 335,657 | 337,285 | 343,865 | 342,266 | 339,418 | 334,645 | 337,576 | 339,328 | 335,998 | r339,124 | 342,641 | |
| Finance companies | do | 146,212 | 140,832 | 145,033 | 146,296 | 143,293 | 142,802 | 140,832 | 140,740 | 139,115 | 137,857 | 138,174 | 138,384 | 138,642 | 138,796 | 139,496 | |
| Credit unions | do | 88,340 | 90,875 | 91,017 | 91,285 | 91,291 | 90,965 | 90,875 | 90,452 | 90,127 | 89,556 | 89,689 | 89,913 | 90,137 | r90,631 | 91,324 | |
| Retailers | do | 48,302 | 42,638 | 37,942 | 37,400 | 37,045 | 37,906 | 42,638 | 39,959 | 37,904 | 37,302 | 37,207 | 37,347 | 37,382 | 36,804 | 37,231 | |
| Savings institutions | do | 63,399 | 57,228 | 60,243 | 59,556 | 58,720 | 58,236 | 57,228 | 55,425 | 54,771 | 54,095 | 53,606 | 53,301 | 52,902 | 52,503 | 52,399 | |
| Gasoline companies * | do | 3,674 | 3,935 | 4,255 | 4,052 | 3,947 | 3,853 | 3,935 | 4,013 | 3,803 | 3,792 | 3,928 | 4,024 | 4,192 | 4,396 | 4,722 | |
| Pools of securitized assets †† | do | 0 | 48,188 | 36,930 | 37,279 | 41,342 | 44,098 | 48,188 | 48,171 | 51,924 | 55,891 | 55,621 | 57,748 | 63,700 | r64,942 | 65,730 | |
| By major credit type: | | | | | | | | | | | | | | | | | |
| Automobile * | do | 284,328 | 290,421 | 292,948 | 293,114 | 293,664 | 292,543 | 290,421 | 288,984 | 288,036 | 286,539 | 286,220 | 287,140 | 287,254 | r287,479 | 287,986 | |
| Revolving * | do | 183,909 | 208,188 | 187,917 | 188,684 | 189,913 | 194,640 | 208,188 | 203,288 | 200,147 | 199,937 | 201,783 | 204,854 | 206,820 | r209,592 | 212,547 | |
| Mobile home * | do | 25,143 | 22,283 | 22,800 | 22,808 | 22,849 | 22,319 | 22,283 | 22,717 | 22,726 | 22,426 | 22,484 | 22,610 | 22,644 | r22,873 | 23,061 | |
| Other * | do | 181,339 | 206,669 | 202,243 | 203,764 | 204,869 | 205,643 | 206,669 | 206,037 | 206,153 | 204,236 | 205,314 | 205,441 | 206,235 | r207,252 | 209,949 | |
| **Seasonally adjusted** | | | | | | | | | | | | | | | | | |
| Total outstanding (end of period) # | do | | | 703,518 | 705,703 | 710,133 | 713,903 | 716,624 | 717,829 | 717,869 | 720,445 | 720,835 | 724,485 | 724,601 | 729,066 | 731,416 | |
| By major credit type: | | | | | | | | | | | | | | | | | |
| Automobile | do | | | 289,961 | 288,839 | 290,210 | 290,972 | 290,770 | 290,904 | 289,629 | 290,932 | 288,936 | 288,931 | 287,168 | r286,791 | 285,050 | |
| Revolving | do | | | 189,185 | 190,378 | 191,734 | 194,679 | 197,110 | 199,146 | 199,927 | 202,263 | 203,965 | 207,153 | 208,362 | r212,138 | 213,916 | |
| Mobile home | do | | | 22,734 | 22,661 | 22,621 | 22,197 | 22,343 | 22,604 | 22,633 | 22,708 | 22,702 | 22,815 | 22,733 | r22,795 | 23,003 | |
| Other * | do | | | 201,638 | 203,825 | 205,568 | 206,055 | 206,401 | 205,175 | 205,680 | 204,543 | 205,232 | 205,585 | 206,338 | r207,605 | 209,446 | |
| Total net change (during period) # | do | | | 3,518 | 2,185 | 4,430 | 3,770 | 2,721 | 1,205 | 40 | 2,576 | 390 | 3,650 | 116 | 4,465 | 2,350 | |
| By major credit type: | | | | | | | | | | | | | | | | | |
| Automobile | do | | | 79 | −1,122 | 1,371 | 762 | −202 | 134 | −1,275 | 1,303 | −1,996 | −5 | −1,763 | r−377 | −1,741 | |
| Revolving | do | | | 2,901 | 1,193 | 1,356 | 2,945 | 2,431 | 2,036 | 781 | 2,336 | 1,702 | 3,188 | 1,209 | r3,776 | 1,778 | |
| Mobile home | do | | | −506 | −73 | −40 | −424 | 146 | 261 | 29 | 75 | −6 | 113 | −82 | r62 | 208 | |
| Other * | do | | | 1,044 | 2,187 | 1,743 | 487 | 346 | −1,226 | 505 | −1,137 | 689 | 353 | 753 | r1,267 | 1,841 | |
| **FEDERAL GOVERNMENT FINANCE** | | | | | | | | | | | | | | | | | |
| Federal receipts and outlays: | | | | | | | | | | | | | | | | | |
| Receipts (net) | mil. $ | 1 908,166 | 1 990,701 | 76,136 | 99,233 | 68,426 | 71,213 | 89,130 | 99,538 | 65,170 | 64,819 | 139,624 | 69,212 | 110,614 | 72,357 | 78,486 | |
| Outlays (net) | do | 1 1,063,318 | 1 1,142,691 | 98,286 | 105,300 | 94,427 | 100,958 | 103,903 | 91,286 | 100,437 | 118,165 | 97,865 | 111,769 | 121,747 | 98,291 | 131,240 | |
| Total surplus or deficit (−) | do | 1 −155,151 | 1 −151,989 | −22,150 | −6,067 | −26,001 | −29,746 | −14,774 | 8,252 | −35,267 | −53,346 | 41,760 | −42,558 | −11,133 | −25,934 | −52,754 | |
| Federal financing, total | do | 1 155,151 | 1 151,989 | 22,150 | 6,067 | 26,001 | 29,746 | 14,774 | −8,252 | 35,267 | 53,346 | −41,760 | 42,558 | 11,133 | 25,934 | 52,754 | |
| Borrowing from the public | do | 1 166,139 | 1 140,369 | 35,854 | 6,672 | 36,690 | 19,790 | 6,821 | 15,841 | 18,221 | 56,090 | −5,935 | 23,380 | 23,519 | 24,233 | 47,329 | |
| Other | do | 1 −10,988 | 1 11,620 | −13,704 | −605 | −10,689 | 9,956 | 7,953 | −24,108 | 17,043 | −2,754 | −36,583 | 19,172 | 12,386 | −1,701 | −5,425 | |
| Gross amount of debt outstanding | do | 1 2,614,581 | 1 2,881,112 | 2,860,454 | 2,881,112 | 2,924,765 | 2,946,111 | 2,975,537 | 3,004,900 | 3,025,827 | 3,081,893 | 3,093,076 | 3,127,355 | 3,175,461 | 3,200,338 | 3,243,261 | |
| Held by the public | do | 1 2,063,900 | 1 2,204,270 | 2,197,597 | 2,204,270 | 2,240,959 | 2,260,749 | 2,267,570 | 2,284,743 | 2,302,965 | 2,359,054 | 2,353,119 | 2,376,813 | 2,400,365 | 2,424,598 | 2,471,927 | |
| Federal receipts by source and outlays by agency: | | | | | | | | | | | | | | | | | |
| Receipts (net), total | mil. $ | 1 908,166 | 1 990,701 | 76,136 | 99,233 | 68,426 | 71,213 | 89,130 | 99,538 | 65,170 | 64,819 | 139,624 | 69,212 | 110,614 | 72,357 | 78,486 | |
| Individual income taxes (net) | do | 1 401,181 | 1 445,690 | 36,932 | 45,026 | 35,493 | 34,448 | 37,385 | 56,044 | 28,830 | 13,174 | 74,375 | 21,467 | 49,639 | 33,290 | 36,434 | |
| Corporation income taxes (net) | do | 1 94,195 | 1 103,291 | 1,963 | 19,430 | 729 | 2,385 | 18,878 | 3,118 | 1,231 | 12,655 | 13,375 | 1,557 | 18,569 | 2,057 | 1,608 | |
| Social insurance taxes and contributions (net) | mil. $ | 1 334,335 | 1 359,416 | 28,470 | 29,259 | 24,308 | 26,791 | 25,805 | 32,863 | 29,055 | 32,961 | 43,821 | 37,450 | 34,326 | 29,610 | 32,047 | |
| Other | do | 1 78,454 | 1 82,392 | 8,794 | 5,518 | 7,896 | 7,588 | 7,062 | 7,517 | 6,054 | 6,030 | 8,052 | 8,738 | 8,081 | 7,399 | 8,397 | |
| Outlays (net), total | do | 1 1,063,318 | 1 1,142,691 | 98,286 | 105,300 | 94,427 | 100,958 | 103,903 | 91,271 | 100,434 | 118,155 | 97,866 | 111,764 | 121,836 | 98,291 | 131,240 | |
| Agriculture Department | do | 1 44,008 | 1 48,414 | 2,247 | 3,074 | 3,821 | 5,167 | 3,553 | 3,762 | 3,297 | 5,058 | 5,109 | 4,216 | 3,015 | 3,349 | 2,346 | |
| Defense Department, military | do | 1 281,935 | 1 294,876 | 25,313 | 27,750 | 19,152 | 24,586 | 27,759 | 21,137 | 24,157 | 28,691 | 21,385 | 25,560 | 27,015 | 22,004 | 27,805 | |
| Health and Human Services Department | mil. $ | 1 373,169 | 1 399,774 | 34,859 | 34,590 | 33,207 | 34,029 | 35,840 | 35,172 | 36,045 | 37,736 | 35,677 | 37,316 | 42,467 | 36,992 | 59,467 | |
| Treasury Department | do | 1 201,644 | 1 230,573 | 16,886 | 14,482 | 14,813 | 19,457 | 40,660 | 15,315 | 17,758 | 18,215 | 15,859 | 20,522 | 40,176 | 17,012 | 18,529 | |
| National Aeronautics and Space Adm | do | 1 9,092 | 1 11,036 | 989 | 1,003 | 1,126 | 976 | 1,065 | 904 | 923 | 1,087 | 1,093 | 963 | 1,103 | 1,101 | 1,140 | |
| Veterans Affairs Department | do | 1 29,249 | 1 30,041 | 2,257 | 3,628 | 1,492 | 2,611 | 3,653 | 1,077 | 2,590 | 3,844 | 1,313 | 2,596 | 3,737 | 1,265 | 3,619 | |
| **GOLD AND SILVER:** | | | | | | | | | | | | | | | | | |
| Gold: | | | | | | | | | | | | | | | | | |
| Monetary stock, U.S. (end of period) | mil. $ | 11,057 | 11,059 | 11,066 | 11,065 | 11,062 | 11,060 | 11,059 | 11,059 | 11,059 | 11,060 | 11,060 | 11,065 | 11,065 | 11,064 | | |
| Price at New York ‡‡ | dol. per troy oz | 436.931 | 381.283 | 364.928 | 361.890 | 366.884 | 392.320 | 409.150 | 415.596 | 416.826 | 393.059 | 374.265 | 369.191 | 352.331 | 362.531 | 395.033 | 389.458 |
| Silver: | | | | | | | | | | | | | | | | | |
| Price at New York ‡‡ | dol. per troy oz | 6.535 | 5.499 | 5.179 | 5.133 | 5.133 | 5.465 | 5.533 | 5.243 | 5.278 | 5.058 | 5.046 | 5.074 | 4.906 | 4.859 | 4.982 | 4.790 |

See footnotes at end of tables.

## FINANCE—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MONETARY STATISTICS** | | | | | | | | | | | | | | | | | |
| Currency in circulation (end of period) | bil. $ | 247.7 | 260.4 | | 247.6 | | | 260.4 | | | | | | | | | |
| Money stock measures and components (averages of daily figures): † | | | | | | | | | | | | | | | | | |
| Measures (not seasonally adjusted): | | | | | | | | | | | | | | | | | |
| M1 | bil. $ | 776.1 | 783.7 | 778.1 | 779.1 | 785.0 | 791.7 | 812.1 | 802.3 | 788.0 | 795.7 | 817.3 | 796.4 | 810.0 | 812.2 | r814.0 | 818.7 |
| M2 | do | 3,017.6 | 3,129.6 | 3,146.5 | 3,156.6 | 3,179.3 | 3,204.8 | 3,234.5 | r3,242.7 | r3,243.5 | r3,265.7 | r3,288.5 | r3,255.9 | r3,275.7 | 3,289.6 | r3,302.0 | 3,310.2 |
| M3 | do | 3,825.0 | 3,987.7 | 4,012.7 | 4,010.6 | r4,018.2 | r4,040.7 | r4,058.3 | r4,057.5 | r4,052.9 | r4,067.6 | r4,079.6 | r4,049.3 | r4,062.8 | r4,072.3 | r4,088.7 | 4,087.8 |
| L (M3 plus other liquid assets) | do | 4,534.6 | 4,782.8 | r4,819.8 | r4,827.3 | r4,841.8 | r4,867.2 | r4,898.9 | r4,901.4 | r4,885.6 | r4,904.5 | r4,919.9 | r4,874.9 | r4,898.5 | r4,906.6 | 4,925.8 | |
| Components (not seasonally adjusted): | | | | | | | | | | | | | | | | | |
| Currency | do | 205.3 | 217.5 | 219.2 | 218.6 | 218.9 | 221.0 | 225.3 | 222.9 | 224.2 | 227.0 | 229.5 | 231.7 | 234.8 | 237.1 | 239.2 | 240.8 |
| Demand deposits | do | 289.1 | 280.4 | 277.1 | 276.3 | 280.7 | 281.5 | 291.6 | 283.0 | 271.4 | 271.6 | 279.8 | 268.5 | 274.8 | 277.0 | r276.7 | 278.1 |
| Other checkable deposits ‡‡ | do | 274.4 | 278.5 | 273.7 | 276.5 | 278.1 | 282.1 | 288.4 | 289.4 | 285.2 | 289.7 | 300.7 | 288.7 | 292.3 | 289.4 | r289.2 | 291.1 |
| Overnight RP's and Eurodollars ◊ | do | 83.9 | 79.1 | c78.4 | c75.1 | c75.7 | c75.4 | c77.4 | c81.5 | c82.3 | c81.8 | c79.2 | c83.1 | c82.2 | c84.2 | c83.1 | 82.1 |
| General purpose and broker/dealer money market funds | do | 233.1 | 276.3 | 286.8 | 294.9 | 301.3 | 309.7 | 311.2 | 317.4 | 326.9 | 330.4 | 329.4 | 319.6 | 319.8 | 322.3 | 332.8 | 339.1 |
| Money market deposit accounts | do | 517.8 | 475.0 | 467.0 | 470.6 | 474.6 | 483.1 | 487.8 | 489.3 | 491.1 | 496.9 | 498.3 | 494.8 | 498.2 | 499.3 | r504.0 | 505.6 |
| Savings deposits | do | 426.1 | 409.9 | 404.9 | 404.6 | 407.2 | 407.6 | 406.2 | 407.8 | 410.0 | 414.1 | 416.6 | 415.9 | 418.4 | r420.4 | 417.3 | 414.9 |
| Small time deposits @ | do | 980.6 | 1,355.5 | 1,131.2 | 1,132.1 | 1,135.5 | 1,137.3 | 1,138.7 | 1,144.5 | 1,145.3 | 1,146.8 | 1,147.7 | 1,146.2 | 1,147.2 | r1,151.2 | r1,150.8 | 1,149.9 |
| Large time deposits @ | do | 513.5 | 564.1 | 570.4 | 567.4 | 565.4 | 563.6 | 558.1 | 553.4 | 550.2 | 546.1 | r536.9 | r535.1 | r531.0 | r527.0 | r524.1 | 518.2 |
| Measures (seasonally adjusted): | | | | | | | | | | | | | | | | | |
| M1 | do | | | 780.4 | 782.9 | 788.1 | 789.4 | 794.8 | 794.8 | 801.4 | 804.8 | 807.3 | 805.4 | 809.4 | 809.2 | r816.2 | 822.8 |
| M2 | do | | | 3,146.7 | 3,146.9 | 3,163.6 | 3,181.9 | 3,201.2 | r3,231.0 | r3,255.6 | r3,270.9 | r3,277.3 | r3,270.9 | r3,278.6 | r3,284.0 | r3,302.0 | 3,317.7 |
| M3 | do | | | 4,013.0 | r4,013.5 | r4,018.1 | r4,031.0 | r4,044.3 | r4,048.5 | r4,064.3 | r4,069.0 | r4,072.9 | r4,065.0 | r4,069.1 | r4,073.3 | r4,088.6 | 4,091.7 |
| L (M3 plus other liquid assets) | do | | | r4,825.2 | r4,831.8 | r4,841.7 | r4,858.1 | r4,881.2 | r4,882.5 | r4,890.4 | r4,906.6 | r4,916.4 | r4,887.1 | r4,906.8 | r4,918.4 | 4,931.3 | |
| Components (seasonally adjusted): | | | | | | | | | | | | | | | | | |
| Currency | do | | | 218.6 | 219.3 | 220.0 | 220.4 | 221.9 | 224.6 | 226.6 | 228.4 | 230.1 | 231.6 | 233.4 | 235.4 | r238.3 | 241.5 |
| Demand deposits | do | | | 278.5 | 278.1 | 280.0 | 278.8 | 279.7 | 277.3 | 280.2 | 279.3 | 277.8 | 274.5 | 274.5 | 274.8 | r278.0 | 279.9 |
| Other checkable deposits ‡‡ | do | | | 276.0 | 278.4 | 280.8 | 282.8 | 285.7 | 285.4 | 287.0 | 289.5 | 291.8 | 291.5 | 293.8 | 291.3 | r291.9 | 293.1 |
| Savings deposits | do | | | 404.0 | 405.5 | 406.1 | 407.9 | 409.0 | 410.2 | 413.6 | 414.6 | 415.8 | 415.0 | 415.8 | 416.3 | 416.3 | 415.8 |
| Small time deposits @ | do | | | 1,130.0 | 1,132.6 | 1,135.9 | 1,138.5 | 1,142.3 | 1,143.0 | 1,142.6 | 1,146.4 | 1,147.7 | 1,149.0 | 1,147.1 | 1,148.5 | r1,149.5 | 1,150.4 |
| Large time deposits @ | do | | | 570.5 | 565.6 | 562.7 | 561.0 | 558.3 | 554.2 | 550.1 | 544.1 | r538.3 | r535.4 | r532.8 | r530.5 | r524.1 | 516.7 |
| **PROFITS AND DIVIDENDS (QTRLY.)** | | | | | | | | | | | | | | | | | |
| Manufacturing corps. (Bureau of the Census): | | | | | | | | | | | | | | | | | |
| Net profits after taxes, all manufacturing | mil. $ | 154,583 | 136,490 | | 33,459 | | | 28,645 | | | 27,810 | | | 35,080 | | | |
| Food and kindred products | do | 20,671 | 16,545 | | 3,335 | | | 5,406 | | | 3,493 | | | 5,167 | | | |
| Textile mill products | do | 1,560 | 1,416 | | 431 | | | 158 | | | −47 | | | 248 | | | |
| Paper and allied products | do | 8,081 | 7,047 | | 1,872 | | | 1,160 | | | 1,389 | | | 1,630 | | | |
| Chemicals and allied products | do | 23,651 | 24,523 | | 6,224 | | | 4,510 | | | 5,495 | | | 6,327 | | | |
| Petroleum and coal products | do | 21,225 | 19,512 | | 4,741 | | | 5,262 | | | 4,071 | | | 4,065 | | | |
| Stone, clay, and glass products | do | 2,453 | 1,968 | | 876 | | | 282 | | | −3 | | | 1,003 | | | |
| Primary nonferrous metal | do | 4,256 | 3,785 | | 1,076 | | | 278 | | | 720 | | | 883 | | | |
| Primary iron and steel | do | 993 | 1,512 | | 427 | | | 163 | | | 316 | | | 464 | | | |
| Fabricated metal products | do | 5,335 | 5,515 | | 1,451 | | | 781 | | | 1,373 | | | 1,525 | | | |
| Machinery (except electrical) | do | 13,778 | 9,666 | | 2,244 | | | 2,505 | | | 2,378 | | | 2,921 | | | |
| Electrical and electronic equipment | do | 11,143 | 9,663 | | 2,295 | | | 2,508 | | | 2,053 | | | 2,017 | | | |
| Transportation equipment (except motor vehicles and equipment) | mil. $ | 5,019 | 4,315 | | 1,081 | | | 619 | | | 1,342 | | | 1,200 | | | |
| Motor vehicles and equipment | do | 12,474 | 8,349 | | 1,163 | | | −249 | | | 1,355 | | | 2,111 | | | |
| All other manufacturing industries | do | 23,944 | 22,674 | | 6,243 | | | 5,262 | | | 3,875 | | | 5,519 | | | |
| Dividends paid (cash), all manufacturing | do | 57,064 | 65,244 | | 15,834 | | | 15,755 | | | 15,143 | | | 16,299 | | | |
| **SECURITIES ISSUED** | | | | | | | | | | | | | | | | | |
| Securities and Exchange Commission: | | | | | | | | | | | | | | | | | |
| Estimated gross proceeds, total | mil. $ | 228,387 | (1) | | | | | | | | | | | | | | |
| By type of security: | | | | | | | | | | | | | | | | | |
| Bonds and notes, corporate | do | 172,499 | (1) | | | | | | | | | | | | | | |
| Common stock | do | 45,485 | (1) | | | | | | | | | | | | | | |
| Preferred stock | do | 6,506 | (1) | | | | | | | | | | | | | | |
| By type of issuer: | | | | | | | | | | | | | | | | | |
| Corporate, total # | mil. $ | 224,490 | (1) | | | | | | | | | | | | | | |
| Manufacturing | do | 33,327 | (1) | | | | | | | | | | | | | | |
| Extractive | do | 4,742 | (1) | | | | | | | | | | | | | | |
| Public utility | do | 12,793 | (1) | | | | | | | | | | | | | | |
| Transportation | do | 3,078 | (1) | | | | | | | | | | | | | | |
| Communication | do | 4,031 | (1) | | | | | | | | | | | | | | |
| Financial and real estate | do | 147,030 | (1) | | | | | | | | | | | | | | |
| State and municipal issues (Bond Buyer): | | | | | | | | | | | | | | | | | |
| Long-term | do | 117,829 | 123,037 | 10,646 | 11,336 | 10,142 | 10,427 | 14,030 | r7,962 | r6,904 | r10,990 | r8,823 | r12,057 | r14,095 | r8,067 | r10,697 | 12,275 |
| Short-term | do | 22,839 | 29,002 | 5,457 | 1,468 | 1,835 | 814 | 2,426 | r1,044 | 1,109 | r1,867 | r894 | r2,268 | r8,699 | r2,995 | 7,117 | 804 |
| **SECURITY MARKETS** | | | | | | | | | | | | | | | | | |
| **Stock Market Customer Financing** | | | | | | | | | | | | | | | | | |
| Margin credit at broker-dealers, end of year or month | mil. $ | 32,740 | 34,320 | 33,940 | 35,020 | 35,110 | 34,630 | 34,320 | 32,640 | 31,480 | 30,760 | 31,060 | 31,600 | 31,720 | 32,130 | 30,350 | 29,640 |
| Free credit balances at brokers, end of year or month: | | | | | | | | | | | | | | | | | |
| Margin-account | do | 5,660 | 7,040 | 5,580 | 5,680 | 6,000 | 5,815 | 7,040 | 6,755 | 6,575 | 6,525 | 6,465 | 6,215 | 6,490 | 6,385 | 7,140 | 7,285 |
| Cash-account | do | 16,595 | 18,505 | 16,015 | 15,310 | 16,340 | 16,345 | 18,505 | 17,370 | 16,200 | 16,510 | 15,375 | 15,470 | 15,625 | 17,035 | 16,745 | 16,185 |
| **Bonds** | | | | | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | | | | |
| Standard & Poor's Corporation, domestic municipal (15 bonds) | dol. per $100 bond | 62.0 | 66.1 | 67.3 | 65.8 | 66.2 | 66.9 | 67.9 | 66.9 | 66.3 | 65.6 | 65.1 | 65.3 | 66.2 | 66.7 | 65.5 | 64.8 |
| Sales: | | | | | | | | | | | | | | | | | |
| New York Stock Exchange, exclusive of some stopped sales, face value, total | mil. $ | 7,702.12 | 8,836.27 | 805.75 | 769.80 | 925.98 | 829.83 | 844.00 | 1,075.17 | 1,015.42 | 904.13 | 794.21 | 774.16 | 946.52 | 1,155.55 | 977.60 | 675.60 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINANCE—Continued** | | | | | | | | | | | | | | | | | |
| **Bonds—Continued** | | | | | | | | | | | | | | | | | |
| Yields: | | | | | | | | | | | | | | | | | |
| Domestic corporate (Moody's) | percent | 10.18 | 9.66 | 9.36 | 9.41 | 9.34 | 9.32 | 9.30 | 9.43 | 9.64 | 9.73 | 9.82 | 9.87 | 9.67 | 9.65 | 9.84 | 10.02 |
| By rating: | | | | | | | | | | | | | | | | | |
| Aaa | do | 9.71 | 9.26 | 8.96 | 9.01 | 8.92 | 8.89 | 8.86 | 8.99 | 9.22 | 9.37 | 9.46 | 9.47 | 9.26 | 9.24 | 9.41 | 9.56 |
| Aa | do | 9.94 | 9.46 | 9.14 | 9.23 | 9.19 | 9.14 | 9.11 | 9.27 | 9.45 | 9.51 | 9.64 | 9.70 | 9.49 | 9.47 | 9.63 | 9.77 |
| A | do | 10.24 | 9.74 | 9.45 | 9.51 | 9.44 | 9.42 | 9.39 | 9.54 | 9.75 | 9.82 | 9.89 | 9.89 | 9.70 | 9.69 | 9.89 | 10.09 |
| Baa | do | 10.83 | 10.18 | 9.88 | 9.91 | 9.81 | 9.81 | 9.82 | 9.94 | 10.14 | 10.21 | 10.30 | 10.41 | 10.22 | 10.20 | 10.41 | 10.64 |
| By group: | | | | | | | | | | | | | | | | | |
| Industrials | do | 9.91 | 9.66 | 9.35 | 9.39 | 9.31 | 9.30 | 9.28 | 9.42 | 9.61 | 9.70 | 9.77 | 9.84 | 9.64 | 9.64 | 9.83 | 10.02 |
| Public utilities | do | 10.45 | 9.66 | 9.37 | 9.43 | 9.37 | 9.33 | 9.31 | 9.44 | 9.67 | 9.75 | 9.87 | 9.89 | 9.69 | 9.66 | 9.84 | 10.01 |
| Railroads | do | 10.03 | (1) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Domestic municipal: | | | | | | | | | | | | | | | | | |
| Bond Buyer (20 bonds) | do | 7.66 | 7.23 | 7.16 | 7.40 | 7.24 | 7.04 | 6.97 | 7.24 | 7.25 | 7.33 | 7.54 | 7.26 | 7.27 | 7.15 | 7.47 | 7.53 |
| Standard & Poor's Corp. (15 bonds) | do | 7.74 | 7.24 | 7.08 | 7.27 | 7.22 | 7.13 | 7.01 | 7.13 | 7.21 | 7.29 | 7.36 | 7.34 | 7.22 | 7.15 | 7.31 | 7.40 |
| U.S. Treasury bonds, taxable ‡ | do | 8.98 | 8.58 | 8.26 | 8.31 | 8.15 | 8.03 | 8.02 | 8.39 | 8.66 | 8.74 | 8.92 | 8.90 | 8.62 | 8.64 | 8.97 | 9.11 |
| **Stocks** | | | | | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | | | | |
| Dow Jones averages (65 stocks) | | 772.17 | 966.86 | 1,065.83 | 1,078.40 | 1,049.44 | 1,004.41 | 1,029.12 | 1,001.68 | 972.19 | 1,006.45 | 1,004.68 | 1,022.50 | 1,045.32 | 1,039.61 | 934.30 | 888.98 |
| Industrial (30 stocks) | | 2,060.82 | 2,508.91 | 2,691.11 | 2,693.41 | 2,692.01 | 2,642.49 | 2,728.47 | 2,679.24 | 2,614.18 | 2,700.13 | 2,708.26 | 2,793.81 | 2,894.82 | 2,934.23 | 2,681.89 | 2,550.69 |
| Public utility (15 stocks) | | 179.74 | 205.72 | 218.08 | 215.95 | 216.64 | 221.02 | 232.05 | 223.19 | 221.17 | 216.96 | 210.68 | 212.37 | 211.16 | 204.95 | 210.09 | 199.83 |
| Transportation (20 stocks) | | 863.83 | 1,194.30 | 1,407.13 | 1,462.67 | 1,342.02 | 1,188.12 | 1,182.98 | 1,139.75 | 1,083.36 | 1,160.31 | 1,164.82 | 1,163.11 | 1,181.85 | 1,150.03 | 951.11 | 881.31 |
| Standard & Poor's Corporation: § | | | | | | | | | | | | | | | | | |
| Combined index (500 Stocks) | 1941-43=10 | 265.79 | 322.84 | 346.61 | 347.33 | 347.40 | 340.22 | 348.57 | 339.97 | 330.45 | 338.47 | 338.18 | 350.25 | 360.39 | 360.03 | 330.75 | 315.41 |
| Industrial, total (400 Stocks) # | do | 306.68 | 370.28 | 396.63 | 397.08 | 396.34 | 388.11 | 398.43 | 390.58 | 381.11 | 391.71 | 393.17 | 408.10 | 421.49 | 425.76 | 390.78 | 372.81 |
| Capital goods | do | 252.83 | 278.70 | 296.33 | 294.62 | 288.65 | 277.78 | 286.06 | 286.06 | 283.39 | 294.80 | 294.19 | 305.65 | 312.50 | 312.90 | 281.47 | 260.28 |
| Consumer goods | do | 305.95 | 398.17 | 434.05 | 430.76 | 439.31 | 430.31 | 432.27 | 423.16 | 406.89 | 418.06 | 426.68 | 445.52 | 469.50 | 481.61 | 437.65 | 414.03 |
| Utilities (40 Stocks) | do | 108.74 | 132.16 | 140.47 | 140.98 | 142.71 | 143.37 | 152.18 | 146.04 | 140.99 | 141.92 | 140.89 | 143.66 | 143.52 | 137.86 | 132.76 | 130.33 |
| Transportation (20 Stocks) | 1982=100 | 209.02 | 271.78 | 307.44 | 315.42 | 297.89 | 272.41 | 276.07 | 270.90 | 261.42 | 274.48 | 273.52 | 277.39 | 284.14 | 276.97 | 240.08 | 224.76 |
| Railroads | 1941-43=10 | 158.73 | 197.31 | 211.31 | 215.45 | 208.51 | 198.92 | 209.58 | 210.40 | 208.34 | 209.18 | 206.20 | 212.18 | 221.46 | 220.90 | 204.55 | 191.84 |
| Financial (40 Stocks) | 1970=10 | 24.09 | 30.24 | 33.16 | 33.24 | 33.76 | 32.48 | 31.14 | 29.68 | 28.17 | 28.50 | 27.53 | 28.73 | 29.84 | 28.46 | 24.86 | 22.57 |
| Money center banks | 1941-43=10 | 92.05 | 116.14 | 127.09 | 125.45 | 130.47 | 117.79 | 111.50 | 103.93 | 96.47 | 97.69 | 92.79 | 94.63 | 96.78 | 90.56 | 80.78 | 72.86 |
| Major regional banks | do | 103.22 | 122.18 | 136.60 | 135.63 | 132.49 | 123.77 | 116.75 | 114.22 | 109.09 | 108.99 | 102.95 | 107.48 | 110.48 | 102.52 | 89.52 | 79.30 |
| Property-Casualty Insurance | do | 271.62 | 326.34 | 344.12 | 345.97 | 364.37 | 381.59 | 373.23 | 362.11 | 364.89 | 366.84 | 356.63 | 358.70 | 367.50 | 354.19 | 325.99 | 304.77 |
| N.Y. Stock Exchange common stock indexes: | | | | | | | | | | | | | | | | | |
| Composite | 12/31/65=50 | 149.91 | 180.02 | 192.94 | 193.02 | 192.49 | 188.50 | 192.67 | 187.96 | 182.55 | 186.26 | 185.61 | 191.35 | 196.68 | 196.61 | 181.46 | 173.24 |
| Industrial | do | 180.95 | 216.23 | 231.32 | 230.86 | 229.40 | 224.38 | 230.12 | 225.79 | 220.60 | 226.14 | 226.86 | 234.85 | 242.42 | 245.86 | 226.73 | 216.81 |
| Transportation | do | 134.12 | 175.28 | 197.52 | 202.02 | 190.36 | 174.26 | 177.25 | 173.67 | 166.58 | 175.08 | 173.54 | 173.52 | 177.37 | 173.18 | 147.41 | 136.95 |
| Utility | do | 71.77 | 87.43 | 92.90 | 93.44 | 94.67 | 94.95 | 99.73 | 95.69 | 92.15 | 93.00 | 91.92 | 93.29 | 93.65 | 89.85 | 85.81 | 83.30 |
| Finance | do | 127.26 | 151.88 | 164.86 | 165.51 | 166.55 | 160.89 | 155.63 | 150.11 | 142.68 | 143.09 | 138.57 | 142.94 | 147.93 | 143.11 | 128.14 | 118.59 |
| NASDAQ over-the-counter price indexes: | | | | | | | | | | | | | | | | | |
| Composite | 2/5/71=100 | 374.43 | 437.80 | 461.83 | 469.28 | 469.68 | 454.70 | 449.01 | 439.35 | 424.52 | 436.09 | 428.99 | 442.60 | 462.31 | 455.82 | 396.32 | 368.58 |
| Industrial | do | 379.49 | 428.38 | 448.47 | 455.01 | 455.91 | 441.63 | 440.00 | 436.80 | 427.83 | 447.48 | 447.38 | 467.97 | 493.50 | 493.24 | 423.90 | 394.25 |
| Insurance | do | 408.17 | 504.75 | 535.62 | 533.04 | 538.37 | 546.07 | 547.35 | 522.05 | 491.38 | 503.71 | 490.70 | 490.90 | 507.48 | 502.98 | 460.22 | 432.85 |
| Bank | do | 444.14 | 457.08 | 484.22 | 485.08 | 460.01 | 427.08 | 395.94 | 386.67 | 375.76 | 374.38 | 353.23 | 347.83 | 346.86 | 330.54 | 293.84 | 271.42 |
| NASDAQ/NMS composite | 7/10/84=100 | 161.95 | 191.02 | 201.86 | 205.14 | 205.35 | 198.82 | 196.47 | 192.26 | 185.72 | 190.91 | 187.74 | 193.92 | 202.76 | 199.93 | 173.54 | 161.35 |
| Industrial | do | 146.78 | 167.51 | 175.63 | 178.19 | 178.64 | 173.11 | 172.83 | 171.71 | 168.26 | 176.25 | 176.32 | 184.78 | 195.16 | 195.21 | 167.45 | 155.69 |
| Yields (Standard & Poor's Corp.): | | | | | | | | | | | | | | | | | |
| Composite (500 stocks) | percent | 3.64 | 3.45 | 3.28 | 3.29 | 3.29 | 3.39 | 3.33 | 3.41 | 3.54 | 3.49 | 3.51 | 3.44 | 3.36 | 3.37 | 3.65 | ..... |
| Industrials (400 stocks) | do | 3.14 | 3.01 | 2.86 | 2.88 | 2.89 | 2.98 | 2.94 | 3.01 | 3.12 | 3.07 | 3.13 | 3.01 | 2.93 | 2.91 | 3.16 | ..... |
| Utilities (40 stocks) | do | 7.08 | 6.39 | 6.11 | 6.05 | 5.95 | 5.93 | 5.53 | 5.58 | 5.84 | 5.84 | 5.92 | 5.78 | 5.76 | 6.03 | 6.17 | ..... |
| Transportation (20 stocks) | do | 2.48 | 2.14 | 1.93 | 1.88 | 2.02 | 2.32 | 2.33 | 2.37 | 2.42 | 2.32 | 2.33 | 2.30 | 2.21 | 2.24 | 2.63 | ..... |
| Financial (40 stocks) | do | 4.34 | 3.73 | 3.42 | 3.44 | 3.39 | 3.57 | 3.77 | 3.98 | 4.25 | 4.25 | 4.38 | 4.38 | 4.22 | 4.42 | 5.05 | ..... |
| Preferred stocks, 10 high-grade | do | 9.24 | 9.04 | 8.75 | 8.82 | 8.85 | 8.73 | 8.75 | 8.80 | 8.90 | 9.02 | 9.05 | 9.04 | 9.01 | 8.94 | 8.97 | 9.05 |
| Sales: | | | | | | | | | | | | | | | | | |
| Total on all registered exchanges (SEC): | | | | | | | | | | | | | | | | | |
| Market value | mil. $ | 1,587,012 | 1,844,768 | 190,751 | 153,234 | 185,652 | 136,071 | 144,184 | 146,564 | 125,259 | 147,670 | 115,381 | 143,013 | 148,706 | r138,813 | 177,524 | ..... |
| Shares sold | millions | 52,533 | 54,239 | 5,146 | 4,416 | 4,889 | 4,056 | 4,422 | 4,446 | 4,030 | 4,568 | 3,646 | 5,371 | 4,380 | r4,080 | 5,449 | ..... |
| On New York Stock Exchange: | | | | | | | | | | | | | | | | | |
| Market value | mil. $ | 1,377,711 | 1,576,899 | 164,536 | 129,727 | 161,383 | 115,042 | 122,748 | 124,261 | 107,474 | 127,078 | 98,732 | 123,055 | 128,367 | 120,494 | 152,819 | ..... |
| Shares sold (cleared or settled) | millions | 44,018 | 44,140 | 4,242 | 3,517 | 4,022 | 3,217 | 3,572 | 3,544 | 3,286 | 3,696 | 2,906 | 4,561 | 3,576 | 3,370 | 4,402 | ..... |
| New York Stock Exchange: Exclusive of odd-lot stock sales (sales effected) | millions | 40,850 | 41,699 | 3,948 | 3,035 | 4,013 | 3,032 | 3,214 | 3,794 | 2,962 | 3,285 | 2,801 | 3,597 | 3,226 | 3,371 | 4,015 | ..... |
| NASDAQ over-the-counter: | | | | | | | | | | | | | | | | | |
| Market value | mil. $ | 347,089 | 431,381 | 39,575 | 34,690 | 45,016 | 31,814 | 34,645 | 41,869 | 30,647 | 40,117 | 35,371 | 48,795 | 44,887 | 46,329 | 44,058 | 26,152 |
| Shares sold | millions | 31,070 | 33,530 | 3,031 | 2,626 | 3,166 | 2,538 | 2,760 | 3,029 | 2,422 | 2,909 | 2,593 | 3,469 | 3,153 | 2,985 | 3,121 | 2,096 |
| Shares listed, NYSE, end of period: | | | | | | | | | | | | | | | | | |
| Market value, all listed shares | bil. $ | 2,457.46 | 3,029.65 | 3,022.19 | 3,800.82 | 2,925.38 | 2,969.05 | 3,029.65 | 2,814.43 | 2,842.19 | 2,904.13 | 2,826.45 | 3,067.12 | 3,045.54 | 3,034.18 | 2,758.95 | 2,617.45 |
| Number of shares listed | millions | 76,093 | 82,797 | 79,534 | 79,969 | 81,641 | 81,925 | 82,797 | 83,605 | 84,013 | 84,471 | 84,939 | 86,507 | 87,750 | 88,748 | 88,782 | 89,488 |
| **FOREIGN TRADE OF THE UNITED STATES** | | | | | | | | | | | | | | | | | |
| **VALUE OF EXPORTS** | | | | | | | | | | | | | | | | | |
| Exports (mdse.), incl. reexports, total @ | mil. $ | 322,426.4 | 363,982.8 | 29,405.9 | 29,709.5 | 31,756.2 | 30,279.0 | 30,874.0 | 30,495.7 | 30,921.0 | 35,955.3 | 32,599.6 | 33,678.0 | 34,456.9 | r30,728.6 | 31,746.1 | ..... |
| Seasonally adjusted † | do | ..... | ..... | 30,181.1 | 30,128.6 | 31,437.0 | 30,617.8 | 31,262.1 | 31,372.4 | 31,576.0 | 33,266.4 | 32,057.8 | 32,773.7 | 34,220.9 | r32,125.4 | 32,633.3 | ..... |
| Western Europe | do | 87,857.7 | 100,434.8 | 7,526.5 | 8,522.8 | 8,782.4 | 8,299.3 | 8,614.4 | 8,444.2 | 9,073.3 | 10,322.5 | 10,196.1 | 9,864.6 | 9,624.7 | 8,474.2 | 8,318.3 | ..... |
| European Economic Community | do | 75,755.3 | 86,591.5 | 6,314.4 | 7,414.6 | 7,587.0 | 7,231.6 | 7,335.6 | 7,402.3 | 7,986.9 | 8,988.2 | 8,861.9 | 8,345.6 | 8,414.9 | 7,300.8 | 7,295.3 | ..... |
| Belgium and Luxembourg | do | 7,410.5 | 8,656.5 | 627.4 | 724.0 | 745.3 | 759.7 | 753.7 | 717.1 | 723.3 | 878.2 | 938.5 | 901.2 | 832.6 | 900.6 | 816.6 | ..... |
| France | do | 9,969.7 | 11,585.0 | 818.6 | 964.5 | 1,026.5 | 957.6 | 1,028.8 | 953.2 | 1,147.5 | 1,213.3 | 1,096.6 | 1,017.7 | 1,156.0 | 976.0 | 1,098.0 | ..... |
| Federal Republic of Germany | do | 14,347.6 | 16,382.9 | 1,185.8 | 1,425.9 | 1,624.9 | 1,435.7 | 1,442.8 | 1,449.2 | 1,445.6 | 1,700.4 | 1,696.5 | 1,823.5 | 1,401.1 | 1,498.3 | 1,332.1 | ..... |
| Italy | do | 6,775.4 | 7,232.4 | 530.1 | 524.8 | 613.3 | 589.5 | 635.4 | 661.5 | 616.0 | 736.5 | 719.5 | 677.1 | 742.5 | 560.0 | 519.4 | ..... |
| Netherlands | do | 10,116.5 | 11,392.8 | 824.0 | 1,226.8 | 916.9 | 960.8 | 957.1 | 1,152.8 | 1,111.3 | 1,166.9 | 1,301.7 | 1,015.7 | 951.2 | 790.6 | 1,060.5 | ..... |
| United Kingdom | do | 18,364.4 | 20,866.1 | 1,526.8 | 1,691.9 | 1,721.9 | 1,781.7 | 1,665.2 | 1,611.3 | 2,006.1 | 2,343.3 | 2,080.2 | 1,959.2 | 2,220.5 | 1,813.3 | 1,674.0 | ..... |
| Eastern Europe | do | 3,649.6 | 5,296.3 | 193.9 | 150.7 | 230.4 | 492.5 | 541.9 | 527.4 | 445.1 | 534.1 | 556.2 | 436.0 | 506.9 | 233.3 | 190.0 | ..... |
| Union of Soviet Socialist Republics | do | 2,768.9 | 4,271.2 | 137.0 | 86.1 | 157.1 | 423.5 | 452.5 | 421.2 | 366.8 | 417.1 | 444.8 | 332.3 | 429.6 | 171.1 | 50.3 | ..... |

See footnotes at end of tables.

## FOREIGN TRADE OF THE UNITED STATES—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | 1989 Sept. | 1989 Oct. | 1989 Nov. | 1989 Dec. | 1990 Jan. | 1990 Feb. | 1990 Mar. | 1990 Apr. | 1990 May | 1990 June | 1990 July | 1990 Aug. | 1990 Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VALUE OF EXPORTS—Continued** | | | | | | | | | | | | | | | | | |
| Exports (mdse.), incl. reexports—Continued | | | | | | | | | | | | | | | | | |
| Western Hemisphere: | | | | | | | | | | | | | | | | | |
| Canada ◊ | mil. $ | 71,622.0 | 78,638.9 | 6,289.3 | 6,440.9 | 6,976.1 | 6,627.5 | 5,965.8 | 6,271.5 | 6,706.7 | 8,047.9 | 7,363.2 | 7,914.5 | 7,518.5 | r6,154.5 | 6,648.3 | |
| Brazil | do | 4,266.5 | 4,799.4 | 472.9 | 381.2 | 471.4 | 425.3 | 512.7 | 404.6 | 483.1 | 373.8 | 305.6 | 288.6 | 403.4 | 412.3 | 512.9 | |
| Mexico | do | 20,628.4 | 24,968.8 | 2,148.1 | 1,956.5 | 2,351.7 | 2,004.1 | 2,057.2 | 2,153.0 | 2,052.0 | 2,300.9 | 2,042.5 | 2,559.8 | 2,534.6 | 2,332.6 | 2,519.5 | |
| Venezuela | do | 4,611.9 | 3,035.7 | 183.9 | 217.4 | 255.1 | 194.0 | 232.2 | 166.0 | 199.8 | 227.7 | 238.3 | 258.6 | 295.4 | 246.6 | 278.4 | |
| Asia: | | | | | | | | | | | | | | | | | |
| China | do | 5,021.4 | 5,807.4 | 688.5 | 427.9 | 542.4 | 305.0 | 424.4 | 359.4 | 516.7 | 356.4 | 374.9 | 381.4 | 499.8 | 385.7 | 422.7 | |
| Hong Kong | do | 5,687.4 | 6,304.0 | 498.4 | 566.4 | 471.0 | 485.9 | 496.6 | 439.1 | 626.2 | 556.3 | 613.8 | 734.1 | 655.3 | 503.9 | 519.5 | |
| Japan | do | 37,725.2 | 44,583.9 | 3,917.4 | 3,502.4 | 3,698.7 | 3,759.1 | 3,904.1 | 3,974.2 | 3,765.8 | 4,222.6 | 3,603.4 | 3,735.9 | 4,181.8 | 4,220.0 | 3,917.6 | |
| Republic of Korea | do | 11,231.8 | 13,478.0 | 1,087.5 | 1,170.6 | 1,110.0 | 1,120.4 | 1,160.5 | 1,150.4 | 1,069.4 | 1,339.6 | 1,138.0 | 1,156.6 | 1,343.8 | 1,104.5 | 1,198.6 | |
| Saudi Arabia | do | 3,776.1 | 3,576.0 | 245.4 | 269.7 | 301.2 | 316.8 | 333.4 | 282.6 | 248.7 | 341.1 | 260.1 | 293.0 | 270.3 | 290.7 | 356.3 | |
| Singapore | do | 5,767.6 | 7,352.7 | 614.5 | 574.3 | 577.4 | 702.3 | 695.1 | 610.9 | 549.2 | 664.1 | 601.0 | 597.0 | 809.6 | 631.8 | 746.1 | |
| Taiwan | do | 12,129.1 | 11,322.9 | 970.0 | 873.3 | 999.4 | 960.2 | 1,091.4 | 996.3 | 883.4 | 1,172.3 | 971.8 | 931.1 | 941.4 | 886.7 | 908.4 | |
| Africa: | | | | | | | | | | | | | | | | | |
| Nigeria | do | 356.7 | 491.8 | 32.4 | 27.8 | 40.2 | 38.0 | 32.6 | 27.4 | 53.8 | 42.3 | 41.6 | 45.1 | 46.1 | 34.8 | 43.7 | |
| Republic of South Africa | do | 1,687.6 | 1,659.1 | 127.0 | 142.9 | 147.8 | 120.3 | 146.2 | 148.9 | 114.1 | 167.3 | 146.2 | 121.1 | 143.0 | 169.5 | 157.2 | |
| Australia | do | 6,972.9 | 8,347.0 | 788.0 | 884.4 | 810.2 | 624.7 | 625.7 | 848.6 | 563.2 | 722.7 | 694.5 | 615.0 | 677.1 | 760.5 | 883.1 | |
| OPEC | do | 13,994.3 | 13,234.5 | 910.5 | 946.9 | 1,128.5 | 1,012.6 | 1,447.1 | 1,032.6 | 956.5 | 1,323.5 | 1,059.2 | 1,093.7 | 1,168.4 | 1,033.2 | 1,127.6 | |
| Exports of U.S. merchandise, total @ | do | 310,049.1 | 349,650.4 | 28,533.7 | 28,842.1 | 30,691.5 | 29,085.5 | 29,341.8 | 29,079.6 | 29,523.0 | 34,333.6 | 31,109.2 | 32,078.3 | 32,424.6 | r29,257.8 | 30,235.7 | |
| By commodity groups and principal commodities: | | | | | | | | | | | | | | | | | |
| Agricultural products, total | do | 37,046.6 | 40,003.3 | 2,768.2 | 3,011.8 | 3,392.2 | 3,654.8 | 3,559.8 | 3,716.5 | 3,459.9 | 3,986.8 | 3,291.7 | 3,202.7 | 3,178.7 | 2,714.6 | 2,893.5 | |
| Nonagricultural products, total | do | 285,379.8 | 310,013.9 | 25,614.7 | 27,440.2 | 28,487.4 | 26,515.0 | 27,622.7 | 25,488.0 | 25,881.4 | 30,124.6 | 27,940.5 | 32,020.1 | 29,319.4 | 26,443.5 | 27,342.2 | |
| Food and live animals # | mil. $ | 26,181.8 | 29,723.8 | 2,332.4 | 2,398.1 | 2,401.6 | 2,540.8 | 2,473.0 | 2,516.9 | 2,392.7 | 2,718.6 | 2,470.0 | 2,520.2 | 2,527.7 | 2,432.5 | 2,497.1 | |
| Beverages and tobacco | do | 4,555.6 | 5,509.7 | 452.6 | 446.4 | 477.7 | 570.9 | 566.9 | 449.9 | 478.8 | 614.8 | 594.4 | 613.3 | 510.9 | 486.0 | 549.7 | |
| Crude materials, inedible, exc. fuels # | do | 25,151.3 | 26,946.7 | 2,045.8 | 2,058.6 | 2,343.4 | 2,184.5 | 2,444.5 | 2,527.8 | 2,313.3 | 2,774.2 | 2,291.7 | 2,168.8 | 2,230.8 | 1,915.6 | 2,153.6 | |
| Mineral fuels, lubricants, etc. # | do | 8,235.2 | 9,865.4 | 842.5 | 841.1 | 886.9 | 981.1 | 945.9 | 886.4 | 766.3 | 964.1 | 848.6 | 866.3 | 869.0 | 831.2 | 1,057.3 | |
| Oils and fats, animal and vegetable | do | 1,521.7 | 1,349.8 | 124.4 | 165.3 | 113.2 | 86.4 | 105.0 | 97.6 | 93.8 | 122.8 | 81.0 | 126.2 | 121.0 | 102.7 | 97.5 | |
| Chemicals | do | 32,280.7 | 36,485.0 | 3,067.5 | 2,992.5 | 2,943.0 | 2,821.4 | 2,796.8 | 3,120.1 | 2,868.4 | 3,347.4 | 3,427.3 | 3,358.8 | 3,259.6 | 3,007.8 | 3,234.4 | |
| Manufactured goods classified chiefly by material | mil. $ | 23,594.0 | 27,242.8 | 2,351.8 | 2,332.5 | 2,470.5 | 2,226.0 | 2,239.1 | 2,561.4 | 2,408.3 | 2,767.6 | 2,655.6 | 2,696.5 | 2,665.9 | 2,499.7 | 2,619.6 | |
| Miscellaneous manufactured articles | do | 23,685.7 | r32,637.4 | 2,733.9 | 2,797.3 | 2,781.2 | 2,792.3 | 2,931.6 | 3,100.4 | 2,819.3 | 3,570.9 | 3,241.5 | 3,314.9 | 3,293.5 | 3,279.8 | 3,187.0 | |
| Machinery and transport equipment, total | mil. $ | 135,081.6 | 148,799.9 | 11,965.8 | 13,212.1 | 13,508.6 | 11,864.8 | 13,145.1 | 12,787.8 | 14,145.5 | 16,083.5 | 14,401.0 | 15,177.5 | 15,740.7 | 13,505.2 | 13,592.8 | |
| Machinery, total # | do | 88,432.0 | | | | | | | | | | | | | | | |
| Transport equipment, total | do | 46,702.8 | | | | | | | | | | | | | | | |
| Motor vehicles and parts | do | 24,019.7 | r23,613.0 | 1,668.5 | 1,944.8 | 2,171.5 | 2,080.5 | 1,982.1 | 1,740.1 | 2,263.1 | 2,822.6 | 2,477.8 | 2,818.0 | 2,602.9 | 1,722.6 | 1,956.2 | |
| **VALUE OF IMPORTS** | | | | | | | | | | | | | | | | | |
| General imports, total @ | do | 440,952.3 | 472,976.6 | 40,440.1 | 38,680.1 | 43,536.2 | 41,033.0 | 37,560.5 | 40,309.9 | 37,130.4 | 42,081.7 | 38,711.5 | 40,602.6 | 40,653.0 | r41,238.3 | 41,859.6 | |
| Seasonally adjusted † | do | | | 40,509.2 | 38,897.3 | 41,589.3 | 40,530.5 | 38,057.6 | 41,570.2 | 38,672.1 | 41,636.2 | 39,363.6 | 40,543.2 | 39,560.5 | r41,244.3 | 41,969.6 | |
| Western Europe | do | 100,442.8 | 101,725.1 | 8,164.9 | 7,660.2 | 9,400.7 | 9,098.5 | 8,179.4 | 8,754.0 | 8,113.7 | 9,608.6 | 8,840.2 | 9,053.0 | 8,818.5 | 9,804.2 | 8,692.3 | |
| European Economic Community | do | 84,938.5 | 85,128.9 | 7,057.8 | 6,420.8 | 7,839.0 | 7,632.5 | 6,850.4 | 7,451.2 | 6,841.7 | 7,961.6 | 7,429.9 | 7,623.3 | 7,339.4 | 8,297.4 | 7,530.9 | |
| Belgium and Luxembourg | do | 4,493.3 | 4,569.6 | 263.7 | 379.3 | 416.2 | 411.4 | 331.2 | 366.8 | 348.5 | 447.6 | 394.5 | 372.5 | 333.8 | 481.2 | 285.9 | |
| France | do | 12,508.5 | 13,028.6 | 996.6 | 958.5 | 1,106.7 | 1,184.3 | 1,043.1 | 1,073.7 | 937.2 | 1,086.2 | 1,074.8 | 1,053.8 | 1,085.2 | 1,216.7 | 951.1 | |
| Federal Republic of Germany | do | 26,361.9 | 24,833.7 | 2,057.0 | 1,848.2 | 2,256.9 | 2,108.8 | 2,060.4 | 2,202.9 | 2,115.0 | 2,580.1 | 2,371.3 | 2,361.7 | 2,220.3 | 2,497.2 | 2,475.7 | |
| Italy | do | 11,576.0 | 11,945.9 | 1,100.7 | 775.0 | 1,140.4 | 1,105.3 | 944.1 | 1,054.8 | 999.5 | 1,055.5 | 1,064.2 | 1,046.1 | 1,066.3 | 1,213.7 | 1,201.7 | |
| Netherlands | do | 4,558.9 | 4,796.1 | 373.8 | 396.6 | 508.0 | 449.6 | 388.2 | 415.2 | 386.0 | 461.3 | 358.0 | 435.2 | 391.0 | 490.2 | 408.1 | |
| United Kingdom | do | 17,976.4 | 18,242.3 | 1,635.6 | 1,497.5 | 1,748.7 | 1,702.1 | 1,434.7 | 1,642.6 | 1,506.9 | 1,659.2 | 1,506.4 | 1,660.0 | 1,529.6 | 1,615.9 | 1,511.8 | |
| Eastern Europe | do | 2,162.6 | 2,060.4 | 164.2 | 174.8 | 176.4 | 165.6 | 146.4 | 230.2 | 184.1 | 184.7 | 139.0 | 144.7 | 189.1 | 163.8 | 190.0 | |
| Union of Soviet Socialist Republics | do | 586.0 | 702.7 | 52.4 | 59.0 | 58.8 | 49.2 | 45.4 | 124.0 | 70.2 | 77.2 | 48.6 | 57.4 | 70.5 | 53.8 | 87.9 | |
| Western Hemisphere: | | | | | | | | | | | | | | | | | |
| Canada | mil. $ | 81,397.9 | 88,210.0 | 6,825.4 | 7,133.9 | 7,847.2 | 7,717.5 | 6,811.3 | 6,906.5 | 6,933.7 | 8,077.7 | 7,321.2 | 8,473.5 | 8,227.1 | 7,050.4 | 7,158.2 | |
| Brazil | do | 9,294.3 | 8,379.0 | 775.4 | 651.1 | 742.7 | 606.3 | 635.2 | 779.6 | 604.6 | 639.6 | 645.9 | 674.7 | 676.2 | 747.3 | 691.0 | |
| Mexico | do | 23,259.7 | 27,186.3 | 2,360.6 | 2,210.8 | 2,463.6 | 2,359.4 | 2,058.2 | 2,380.8 | 2,388.3 | 2,616.8 | 2,185.5 | 2,490.4 | 2,465.9 | 2,337.9 | 2,557.5 | |
| Venezuela | do | 5,157.4 | 6,786.0 | 553.0 | 539.6 | 662.5 | 671.4 | 634.8 | 752.8 | 571.5 | 686.7 | 558.3 | 669.2 | 601.0 | 552.4 | 744.8 | |
| Asia: | | | | | | | | | | | | | | | | | |
| China | do | 8,510.9 | 11,988.5 | 1,283.7 | 1,183.0 | 1,338.4 | 1,130.4 | 941.7 | 1,200.3 | 976.6 | 937.0 | 988.9 | 1,159.2 | 1,291.5 | 1,515.5 | 1,566.6 | |
| Hong Kong | do | 10,237.8 | 9,738.6 | 968.8 | 889.0 | 1,058.4 | 883.6 | 747.8 | 909.8 | 580.3 | 645.7 | 644.0 | 740.8 | 786.8 | 942.9 | 916.4 | |
| Japan | do | 89,518.7 | 93,585.9 | 7,914.8 | 7,618.8 | 8,631.1 | 7,751.6 | 7,557.7 | 6,833.7 | 6,887.7 | 7,843.3 | 7,555.3 | 6,701.7 | 7,251.1 | 7,186.3 | 7,697.8 | |
| Republic of Korea | do | 20,105.1 | 19,741.9 | 1,754.6 | 1,691.5 | 1,782.1 | 1,650.0 | 1,486.3 | 1,605.4 | 1,308.9 | 1,389.0 | 1,525.9 | 1,545.9 | 1,583.6 | 1,727.4 | 1,717.0 | |
| Saudi Arabia | do | 5,620.2 | 7,181.4 | 654.4 | 564.3 | 534.8 | 674.3 | 688.5 | 783.0 | 689.0 | 665.8 | 451.8 | 538.9 | 444.1 | 550.0 | 812.8 | |
| Singapore | do | 7,973.3 | 8,949.8 | 795.3 | 818.5 | 850.3 | 820.1 | 850.0 | 774.6 | 683.3 | 790.0 | 782.0 | 730.2 | 874.0 | 883.4 | 879.7 | |
| Taiwan | do | 24,713.9 | 24,325.6 | 2,384.6 | 2,176.5 | 2,290.7 | 1,990.9 | 1,851.2 | 2,060.9 | 1,570.0 | 1,801.9 | 1,821.7 | 1,893.5 | 1,846.7 | 2,025.0 | 2,119.6 | |
| Africa: | | | | | | | | | | | | | | | | | |
| Nigeria | do | 3,278.5 | 5,226.5 | 483.6 | 492.7 | 330.5 | 453.2 | 398.9 | 668.5 | 452.8 | 586.3 | 483.7 | 605.0 | 401.8 | 390.6 | 400.9 | |
| Republic of South Africa | do | 1,512.9 | 1,529.0 | 123.1 | 130.6 | 123.6 | 132.9 | 111.3 | 148.3 | 107.9 | 136.3 | 105.5 | 165.4 | 145.8 | 107.7 | 140.1 | |
| Australia | do | 3,541.3 | 3,898.3 | 311.2 | 317.0 | 380.2 | 359.2 | 346.4 | 323.6 | 393.8 | 296.1 | 302.3 | 363.5 | 333.8 | 375.3 | 507.7 | |
| OPEC | do | 22,962.2 | 30,601.0 | 2,817.9 | 2,489.5 | 2,595.7 | 2,824.8 | 2,636.8 | 3,634.1 | 2,968.6 | 3,170.1 | 2,452.2 | 2,805.1 | 2,347.7 | 2,584.8 | 3,284.9 | |
| By commodity groups and principal commodities: | | | | | | | | | | | | | | | | | |
| Petroleum and products | mil. $ | 38,786.5 | 49,623.9 | 4,399.2 | 4,081.9 | 4,409.1 | 4,427.4 | 4,100.4 | 5,890.4 | 4,768.2 | 4,774.4 | 3,799.2 | 4,369.8 | 3,757.3 | 4,038.6 | 4,867.5 | |
| Nonpetroleum products | do | 402,165.8 | 423,301.9 | 36,632.8 | 34,417.3 | 38,922.9 | 36,512.1 | 33,490.7 | 34,494.7 | 32,552.4 | 37,172.4 | 34,904.3 | 36,208.6 | 36,697.4 | 37,317.6 | 36,992.1 | |
| Food and live animals # | do | 20,109.8 | 20,685.4 | 1,793.8 | 1,514.2 | 1,728.3 | 1,702.3 | 1,689.3 | 1,996.0 | 1,936.8 | 2,170.6 | 1,880.8 | 1,876.7 | 1,728.7 | 1,696.4 | 1,633.5 | |
| Beverages and tobacco | do | 4,122.6 | 4,364.0 | 371.5 | 371.5 | 490.8 | 454.5 | 336.9 | 374.3 | 329.5 | 342.6 | 343.5 | 385.8 | 378.3 | 348.4 | 417.1 | |
| Crude materials, inedible, exc. fuels # | do | 13,624.4 | 15,370.4 | 1,389.8 | 1,239.1 | 1,297.5 | 1,227.0 | 1,156.3 | 1,236.8 | 1,151.8 | 1,224.6 | 1,202.8 | 1,304.5 | 1,204.7 | 1,259.2 | 1,287.2 | |
| Mineral fuels, lubricants, etc | do | 41,041.5 | 52,648.6 | 4,657.8 | 4,326.7 | 4,652.2 | 4,636.0 | 4,326.0 | 6,286.1 | 5,042.4 | 4,942.7 | 4,099.3 | 4,593.3 | 3,975.7 | 4,286.7 | 5,115.4 | |
| Oils and fats, animal and vegetable | do | 887.5 | 730.8 | 64.8 | 48.9 | 68.7 | 63.1 | 69.3 | 59.4 | 57.6 | 47.4 | 66.8 | 82.9 | 67.1 | 63.7 | 92.3 | |
| Chemicals | do | 19,559.7 | 20,752.3 | 1,723.0 | 1,534.3 | 1,857.4 | 1,735.4 | 1,561.0 | 1,935.9 | 1,727.2 | 2,015.2 | 1,931.8 | 1,919.5 | 1,786.9 | 1,827.4 | 1,838.3 | |
| Manufactured goods classified chiefly by material | mil. $ | 62,249.0 | 61,991.3 | 5,471.5 | 4,918.2 | 5,533.1 | 5,121.6 | 4,361.4 | 5,067.8 | 4,368.5 | 5,063.1 | 4,851.5 | 5,192.7 | 5,097.7 | 5,365.5 | 5,169.3 | |
| Miscellaneous manufactured articles | do | 69,748.9 | 76,639.0 | 7,543.4 | 6,865.3 | 7,702.3 | 6,750.1 | 5,836.0 | 6,492.8 | 5,822.4 | 6,116.5 | 5,910.0 | 6,529.1 | 6,937.1 | 8,050.5 | 7,806.4 | |
| Machinery and transport equipment | do | 197,016.7 | 205,761.1 | 16,741.1 | 16,436.0 | 18,446.2 | 17,911.3 | 16,923.2 | 15,642.1 | 15,590.7 | 18,582.1 | 17,165.5 | 17,338.6 | 17,803.1 | 17,047.0 | 17,098.1 | |
| Machinery, total # | do | 117,281.0 | | | | | | | | | | | | | | | |
| Transport equipment | do | 79,772.4 | | | | | | | | | | | | | | | |
| Motor vehicles and parts | do | 71,065.0 | r69,349.6 | 4,907.8 | 5,221.1 | 6,193.5 | 6,112.6 | 5,718.3 | 4,738.7 | 5,355.1 | 6,675.5 | 5,653.8 | 6,216.3 | 6,068.5 | 5,234.9 | 5,367.5 | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **FOREIGN TRADE OF THE UNITED STATES—Continued** | | | | | | | | | | | | | | | | | |
| **Indexes** | | | | | | | | | | | | | | | | | |
| Exports of U.S. merchandise: | | | | | | | | | | | | | | | | | |
| Unit value @ | 1977=100 | 169.6 | | (3) | | | | | | | | | | | | | |
| Quantity | do | 149.8 | | (3) | | | | | | | | | | | | | |
| Value | do | 254.1 | | (3) | | | | | | | | | | | | | |
| General imports: | | | | | | | | | | | | | | | | | |
| Unit value @ | do | 172.9 | | (3) | | | | | | | | | | | | | |
| Quantity | do | 175.1 | | (3) | | | | | | | | | | | | | |
| Value | do | 302.7 | | (3) | | | | | | | | | | | | | |
| **Shipping Weight and Value** | | | | | | | | | | | | | | | | | |
| Waterborne trade: | | | | | | | | | | | | | | | | | |
| Exports (incl. reexports): | | | | | | | | | | | | | | | | | |
| Shipping weight | thous. met. tons | 361,173 | 381,099 | 30,188 | 28,165 | 33,676 | 35,408 | 34,879 | 31,785 | 28,933 | 33,816 | 31,463 | 31,303 | | | | |
| Value | mil. $ | 125,782 | 143,184 | 11,736 | 8,878 | 12,378 | 12,453 | 12,803 | 12,345 | 11,293 | 13,823 | 12,866 | 12,757 | | | | |
| General imports: | | | | | | | | | | | | | | | | | |
| Shipping weight | thous. met. tons | 464,606 | 493,864 | 44,960 | 40,768 | 43,826 | 42,567 | 37,983 | 45,503 | 39,796 | 41,923 | 38,616 | 44,274 | | | | |
| Value | mil. $ | 254,766 | 270,633 | 23,835 | 21,667 | 25,265 | 23,273 | 21,316 | 24,202 | 21,415 | 23,449 | 22,150 | 22,737 | | | | |
| **TRANSPORTATION AND COMMUNICATION** | | | | | | | | | | | | | | | | | |
| **TRANSPORTATION** | | | | | | | | | | | | | | | | | |
| **Air Carriers** | | | | | | | | | | | | | | | | | |
| Certificated route carriers: | | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue) | bil. | 423.30 | 432.71 | 44.38 | 34.70 | 36.15 | 33.79 | 35.10 | 34.02 | 31.81 | 38.55 | 36.84 | 37.51 | 41.74 | | | |
| Passenger-load factor | percent | 62.5 | 63.2 | 72.4 | 60.5 | 61.9 | 60.5 | 59.9 | 57.3 | 59.2 | 63.5 | 61.9 | 60.8 | 67.1 | | | |
| Ton-miles (revenue), total | mil. | 53,800 | 55,457 | 5,441 | 4,500 | 4,711 | 4,470 | 4,572 | 4,278 | 4,062 | 4,915 | 4,617 | 4,721 | 5,036 | | | |
| Operating revenues (quarterly) # § | mil. $ | 63,679 | 69,211 | | 18,153 | | | 17,047 | | | 17,467 | | | | | | |
| Passenger revenues | do | 50,296 | 53,727 | | 14,199 | | | 12,956 | | | 13,479 | | | | | | |
| Cargo revenues | do | 7,478 | 8,863 | | 2,042 | | | 2,355 | | | 2,283 | | | | | | |
| Mail revenues | do | 972 | 955 | | 225 | | | 257 | | | 231 | | | | | | |
| Operating expenses (quarterly) § | do | 60,236 | 67,347 | | 17,317 | | | 17,464 | | | 18,074 | | | | | | |
| Net income after taxes (quarterly) § | do | 1,772 | 101 | | 313 | | | −575 | | | −614 | | | | | | |
| Domestic operations: | | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue) | bil. | 329.31 | 329.98 | 32.97 | 25.42 | 27.64 | 26.37 | 26.89 | 25.46 | 24.65 | 29.68 | 27.98 | 27.90 | 30.35 | | | |
| Cargo ton-miles | mil. | 4,843 | 4,916 | 420 | 424 | 453 | 429 | 387 | 380 | 375 | 446 | 393 | 425 | 258 | | | |
| Mail ton-miles | do | 1,367 | 1,415 | 114 | 109 | 114 | 119 | 180 | 121 | 111 | 126 | 116 | 119 | 113 | | | |
| Operating revenues (quarterly) § | mil. $ | 50,187 | 54,072 | | 13,754 | | | 13,302 | | | 13,719 | | | | | | |
| Operating expenses (quarterly) § | do | 47,739 | 52,260 | | 13,270 | | | 13,537 | | | 14,049 | | | | | | |
| Net income after taxes (quarterly) § | do | 1,003 | 315 | | 87 | | | −383 | | | −329 | | | | | | |
| International operations: | | | | | | | | | | | | | | | | | |
| Passenger-miles (revenue) | bil. | 93.99 | 102.74 | 11.41 | 9.28 | 8.51 | 7.42 | 8.22 | 8.56 | 7.15 | 8.87 | 8.86 | 9.60 | 11.40 | | | |
| Cargo ton-miles | mil. | 4,789 | 5,359 | 427 | 461 | 489 | 498 | 426 | 338 | 362 | 448 | 385 | 389 | 455 | | | |
| Mail ton-miles | do | 470 | 496 | 41 | 36 | 40 | 44 | 70 | 37 | 34 | 40 | 37 | 37 | 38 | | | |
| Operating revenues (quarterly) § | mil. $ | 13,402 | [1]15,076 | | 4,382 | | | 3,728 | | | 3,748 | | | | | | |
| Operating expenses (quarterly) § | do | 12,403 | [1]15,019 | | 4,031 | | | 3,910 | | | 4,025 | | | | | | |
| Net income after taxes (quarterly) § | do | 751 | [1]−213 | | 226 | | | −192 | | | −285 | | | | | | |
| **Urban Transit Industry** | | | | | | | | | | | | | | | | | |
| Passengers carried, total †† | mil. | 8,893 | r8,914 | 760 | 734 | 785 | 751 | 701 | 741 | 697 | 797 | 736 | 761 | 723 | | | |
| **Motor Carriers** | | | | | | | | | | | | | | | | | |
| Carriers of property, large, class I, qtrly.: | | | | | | | | | | | | | | | | | |
| Number of reporting carriers | | 100 | 100 | | 100 | | | 100 | | | 100 | | | | | | |
| Operating revenues, total | mil. $ | [1]18,668 | [1]19,750 | | 5,094 | | | 5,084 | | | 4,964 | | | | | | |
| Net income, after extraordinary and prior period charges and credits | mil. $ | [1]464 | [1]355 | | 109 | | | −4 | | | 74 | | | | | | |
| Tonnage hauled (revenue), common and contract carrier service | mil. tons | [1]170 | [1]175 | | 43 | | | 45 | | | 44 | | | | | | |
| Freight carried—volume indexes, class I and II intercity truck tonnage (ATA): | | | | | | | | | | | | | | | | | |
| Common carriers of general freight, seas. adj. ‡‡ | 1967=100 | 177.2 | 168.6 | 168.5 | 165.4 | 166.9 | 165.9 | 165.5 | 172.0 | 169.2 | 173.2 | 174.0 | r178.4 | r174.2 | r176.1 | 185.8 | |
| **Class I Railroads ‡** | | | | | | | | | | | | | | | | | |
| Financial operations, quarterly (AAR), excluding Amtrak: | | | | | | | | | | | | | | | | | |
| Operating revenues, total # | mil. $ | [1]27,979 | [1]27,956 | | 6,864 | | | 7,012 | | | 7,104 | | | 7,133 | | | |
| Freight | do | [1]27,135 | [1]27,059 | | 6,631 | | | 6,775 | | | 6,875 | | | 6,912 | | | |
| Passenger, excl. Amtrak | do | 85 | 91 | | 23 | | | 23 | | | 23 | | | 24 | | | |
| Operating expenses | do | [1]24,883 | [1]25,038 | | 5,886 | | | 6,701 | | | 6,226 | | | 6,142 | | | |
| Net railway operating income | do | [1]1,961 | 1,896 | | 673 | | | 188 | | | 751 | | | 700 | | | |
| Ordinary income † | do | [1]2,319 | [1]2,010 | | 578 | | | 299 | | | 252 | | | 562 | | | |
| Traffic: | | | | | | | | | | | | | | | | | |
| Revenue ton-miles, qtrly. (AAR) | bil. | 996.2 | 1,013.8 | | 251.0 | | | 257.6 | | | 260.4 | | | r256.7 | [2]77.6 | [2]82.5 | [2]103.8 |
| Producer Price Index, line haul operations | 12/84=100 | 104.8 | 106.4 | 106.8 | 106.8 | 106.8 | 106.9 | 106.9 | 107.1 | 107.1 | 107.1 | 107.1 | r107.1 | 107.0 | 107.0 | 107.1 | 107.1 |
| **Travel** | | | | | | | | | | | | | | | | | |
| Lodging industry: | | | | | | | | | | | | | | | | | |
| Restaurant sales index....same month | 1967=100 | 236 | 245 | 217 | 245 | 256 | 232 | 248 | 182 | 226 | 264 | 229 | 296 | 276 | 259 | 224 | |
| Hotels: Average room sale ◊ | dollars | 85.12 | 87.77 | 80.73 | 86.38 | 92.96 | 94.16 | 93.79 | 97.01 | 100.06 | 101.15 | 100.74 | 99.20 | 92.00 | 87.72 | 87.02 | |
| Rooms occupied | % of total | 66 | 68 | 72 | 69 | 74 | 65 | 56 | 60 | 72 | 75 | 71 | 72 | 71 | 68 | 71 | |
| Motor hotels: Average room sale ◊ | dollars | 45.88 | 46.97 | 47.74 | 44.21 | 44.91 | 56.20 | 45.45 | 46.54 | 50.59 | 52.38 | 51.65 | 48.21 | 49.33 | 48.96 | 48.82 | |
| Rooms occupied | % of total | 64 | 66 | 75 | 63 | 68 | 61 | 52 | 51 | 70 | 76 | 72 | 70 | 74 | 74 | 75 | |
| Economy hotels: Average room sale ◊ | dollars | 40.62 | 38.57 | 40.16 | 37.43 | 36.99 | 37.47 | 40.18 | 39.78 | 40.87 | 44.42 | 44.13 | 43.56 | 42.83 | 40.71 | 39.92 | |
| Rooms occupied | % of total | 65 | 66 | 79 | 67 | 68 | 62 | 50 | 55 | 62 | 73 | 69 | 70 | 76 | 77 | 79 | |
| Foreign travel: | | | | | | | | | | | | | | | | | |
| U.S. citizens: Arrivals (quarterly) | thous | [1]17,583 | [1]18,120 | | 5,468 | | | 3,955 | | | 4,469 | [2]1,528 | [2]1,609 | | | | |
| Departures (quarterly) | do | [1]17,209 | [1]17,603 | | 5,010 | | | 4,139 | | | 4,059 | [2]1,493 | [2]1,668 | | | | |
| Aliens: Arrivals (quarterly) | do | [1]13,804 | [1]15,099 | | 4,725 | | | 3,550 | | | 3,440 | [2]1,300 | [2]1,296 | | | | |
| Departures (quarterly) | do | [1]12,211 | [1]13,550 | | 4,323 | | | 3,234 | | | 3,143 | [2]1,128 | [2]1,144 | | | | |
| Passports issued | do | 4,061 | 3,691 | 289 | 230 | 232 | 227 | 197 | 292 | 331 | 437 | 399 | 397 | 385 | 351 | 284 | 213 |
| National parks, recreation visits # # | do | 55,422 | 56,422 | 10,019 | 6,525 | 4,865 | 2,379 | 1,254 | 1,500 | r1,511 | 2,268 | 3,378 | r4,876 | r7,695 | r10,314 | 9,930 | 6,584 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **TRANSPORTATION AND COMMUNICATION—Continued** | | | | | | | | | | | | | | | | | |
| **COMMUNICATION** | | | | | | | | | | | | | | | | | |
| Telephone carriers: | | | | | | | | | | | | | | | | | |
| Operating revenues # | mil. $ | | | | | | | | | | | | | | | | |
| Station revenues | do | | | | | | | | | | | | | | | | |
| Tolls, message | do | | | | | | | | | | | | | | | | |
| Operating expenses (excluding taxes) | do | | | | | | | | | | | | | | | | |
| Net operating income (after taxes) | do | | | | | | | | | | | | | | | | |
| Access lines | mil | | | | | | | | | | | | | | | | |
| **CHEMICALS AND ALLIED PRODUCTS** | | | | | | | | | | | | | | | | | |
| **CHEMICALS** | | | | | | | | | | | | | | | | | |
| **Inorganic Chemicals** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Aluminum sulfate, commercial (17% $Al_2O_3$) | thous. sh. tons | 1,232 | 1,173 | 108 | 103 | 105 | 98 | 94 | 103 | 92 | 99 | 94 | 103 | 102 | 105 | | |
| Chlorine gas (100% $Cl_2$) | do | 11,257 | 11,160 | 913 | 918 | 942 | 912 | 916 | 892 | 897 | 887 | 901 | 942 | 904 | 921 | | |
| Hydrochloric acid (100% HCl) | do | 2,640 | 2,628 | 241 | 224 | 225 | 213 | 207 | 244 | 233 | 200 | 201 | 204 | 194 | 188 | | |
| Phosphorus, elemental | do | 343 | 365 | 31 | 28 | 31 | 31 | 33 | 31 | 28 | 32 | 30 | 29 | 28 | 28 | | |
| Sodium hydroxide (100% NaOH) | do | 10,527 | 11,075 | 985 | 992 | 1,008 | 991 | 976 | 960 | 964 | 956 | 965 | 1,002 | 959 | 988 | | |
| Sodium silicate, anhydrous | do | 812 | 873 | 77 | 73 | 82 | 76 | 59 | 65 | 79 | 87 | 73 | 58 | 75 | 59 | | |
| Sodium sulfate (100% $Na_2SO_4$) | do | 817 | 799 | 62 | 61 | 64 | 58 | 65 | 62 | 60 | 60 | 60 | 60 | 60 | 61 | | |
| Sodium tripolyphosphate (100% $Na_5P_3O_{10}$) | do | 549 | 580 | 47 | 50 | 49 | 44 | 46 | 51 | 47 | 35 | 36 | 45 | 35 | 44 | | |
| Titanium dioxide (composite and pure) | do | 1,022 | 1,110 | 92 | 92 | 96 | 86 | 95 | 96 | 95 | 98 | 103 | 90 | 88 | 90 | | |
| Sulfur, native (Frasch) and recovered: | | | | | | | | | | | | | | | | | |
| Production | thous. met. tons | [1]9,618 | 10,398 | 868 | 819 | 836 | 808 | 820 | 848 | 787 | 808 | 794 | [r]837 | [r]827 | 911 | | |
| Stocks (producers') end of period | do | 1,112 | 1,301 | 1,483 | 1,500 | 1,492 | 1,370 | 1,302 | 1,274 | 1,292 | 1,188 | 1,111 | 1,102 | [r]1,152 | 1,177 | | |
| **Inorganic Fertilizer Materials** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Ammonia, synthetic anhydrous ‡ | thous. sh. tons | 16,821 | 16,825 | 1,268 | 1,292 | 1,390 | 1,400 | 1,321 | 1,439 | 1,375 | 1,506 | 1,415 | 1,439 | 1,341 | 1,399 | | |
| Ammonium nitrate, original solution ‡ | do | 7,504 | 7,966 | 606 | 596 | 673 | 640 | 628 | 675 | 606 | 697 | 643 | 618 | 568 | 492 | | |
| Ammonium sulfate ‡ | do | 2,333 | 2,354 | 195 | 191 | 194 | 200 | 175 | 200 | 208 | 212 | 228 | 232 | 190 | 208 | | |
| Nitric acid (100% $HNO_3$) ‡ | do | 7,991 | 8,016 | 616 | 593 | 661 | 653 | 671 | 699 | 661 | 729 | 680 | 689 | 625 | 555 | | |
| Nitrogen solutions (100% N) ‡ | do | 2,901 | 2,913 | 204 | 228 | 250 | 220 | 225 | 258 | 233 | 247 | 253 | 254 | 236 | 205 | | |
| Phosphoric acid (100% $P_2O_5$) ‡ | do | 11,677 | 11,566 | 971 | 958 | 1,012 | 980 | 930 | 980 | 931 | 1,016 | 1,019 | 1,026 | 956 | 1,050 | | |
| Sulfuric acid (100% $H_2SO_4$) ‡ | do | 42,141 | 43,410 | 3,691 | 3,541 | 3,716 | 3,613 | 3,601 | 3,638 | 3,424 | 3,731 | 3,825 | 3,759 | 3,534 | 3,785 | | |
| Superphosphate and other phosphatic fertilizers (gross weight): | | | | | | | | | | | | | | | | | |
| Production | thous. sh. tons | 16,858 | 18,128 | 1,472 | 1,429 | 1,578 | 1,540 | 1,422 | 1,528 | 1,388 | 1,642 | 1,609 | 1,555 | 1,439 | 1,576 | | |
| Stocks, end of period | do | 879 | 937 | 826 | 769 | 852 | 943 | 937 | 902 | 851 | 732 | 644 | 723 | 642 | 962 | | |
| Potash, sales ($K_2O$) | do | 5,705 | [r]5,745 | 529 | 409 | 489 | 414 | 762 | 560 | 365 | 454 | 709 | 631 | 327 | 275 | 663 | |
| Imports: | | | | | | | | | | | | | | | | | |
| Ammonium nitrate | thous. met. tons | 267 | [4]411 | 29 | 24 | 29 | 26 | 29 | | | | | | | | | |
| Ammonium sulfate | do | 337 | [4]307 | 19 | 16 | 48 | 21 | 21 | | | | | | | | | |
| Potassium chloride | do | 6,796 | [4]5,498 | 472 | 495 | 558 | 460 | 431 | | | | | | | | | |
| Sodium nitrate | do | 131 | [4]150 | 12 | 6 | (2) | 13 | 23 | | | | | | | | | |
| **Industrial Gases** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Acetylene | mil. cu. ft | 5,297 | 5,320 | 440 | 479 | 532 | 495 | 383 | 356 | 362 | 372 | 337 | 402 | 335 | 340 | | |
| Hydrogen (high and low purity) | do | 177,008 | 166,788 | 14,481 | 14,048 | 14,114 | 13,521 | 13,023 | 10,364 | 11,295 | 10,957 | 10,536 | [r]10,658 | 11,625 | 11,443 | | |
| Nitrogen (high and low purity) | do | 722,013 | 742,275 | 62,833 | 61,358 | 63,719 | 61,850 | 66,094 | 65,792 | 62,074 | 67,807 | 64,417 | [r]65,353 | 62,902 | 64,036 | | |
| Oxygen (high and low purity) | do | 451,999 | 455,702 | 38,444 | 36,555 | 36,422 | 36,827 | 34,763 | 37,225 | 36,512 | 40,496 | 39,036 | [r]39,206 | 38,361 | 39,291 | | |
| **Organic Chemicals §** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Acetylsalicylic acid (aspirin) | thous. met. tons | [r1]10.7 | 8.6 | | 1.8 | | | 2.1 | | | 1.6 | | | 1.0 | | | |
| Ethyl acetate | do | [r1]115.4 | 129.8 | | 31.3 | | | 32.7 | | | 28.5 | | | 28.2 | | | |
| Formaldehyde (37% HCHO) | do | [1]2,848.8 | [r]2,890.5 | | 715.7 | | | 701.5 | | | 690.3 | | | 748.7 | | | |
| Glycerin, refined, all grades | mil. lb | 281.7 | 293.3 | 23.1 | 25.7 | 27.2 | 26.2 | 19.7 | 23.8 | 25.8 | 28.4 | 23.2 | 25.4 | 25.3 | 23.5 | | |
| Methanol, synthetic | thous. met. tons | [r1]3,693.4 | 3,237.7 | | 874.8 | | | 709.3 | | | 753.0 | | | 992.7 | | | |
| Phthalic anhydride | do | [1]452.9 | 499.6 | | 122.2 | | | 117.1 | | | 104.1 | | | 118.4 | | | |
| **ALCOHOL** | | | | | | | | | | | | | | | | | |
| Ethyl alcohol and spirits: | | | | | | | | | | | | | | | | | |
| Production | mil. tax gal | 777.6 | 960.1 | 81.0 | 89.0 | 92.0 | 88.8 | 86.8 | 87.4 | | | | | | | | |
| Stocks, end of period | do | 39.7 | 54.3 | 40.5 | 42.5 | 42.5 | 49.5 | 54.3 | 50.9 | | | | | | | | |
| Denatured alcohol: | | | | | | | | | | | | | | | | | |
| Production | mil. wine gal | 463.7 | 514.3 | 44.5 | 45.8 | 45.9 | 44.7 | 47.4 | 51.9 | | | | | | | | |
| Consumption (withdrawals) | do | 469.9 | 502.2 | 40.9 | 41.3 | 41.4 | 51.7 | 41.4 | 65.5 | | | | | | | | |
| For fuel use | do | 216.0 | 200.5 | 15.8 | 16.7 | 14.7 | 25.9 | 21.8 | 35.0 | | | | | | | | |
| Stocks, end of period | do | 9.2 | 24.5 | 8.8 | 13.2 | 18.6 | 16.0 | 24.5 | 20.9 | | | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **CHEMICALS AND ALLIED PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| **PLASTICS AND RESIN MATERIALS** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Phenolic resins | thous. met. tons | 765.3 | | | | | | | | | | | | | | | |
| Polyethylene and copolymers | do | [1]8,479.6 | 7,701.6 | | 1,913.1 | | | 1,885.5 | | | 1,941.9 | | | 2,077.4 | | | |
| Polypropylene | do | [1]3,291.6 | 3,004.5 | | 707.7 | | | 747.2 | | | 828.9 | | | 840.0 | | | |
| Polystyrene and copolymers | do | 4,166.2 | | | | | | | | | | | | | | | |
| Polyvinyl chloride and copolymers | do | [1]3,895.5 | 5,004.6 | | 1,254.3 | | | 1,227.7 | | | 1,029.1 | | | 1,073.6 | | | |
| **PAINTS, VARNISH, AND LACQUER ‡** | | | | | | | | | | | | | | | | | |
| Total shipments | mil. $ | 10,716.1 | 11,567.4 | 1,114.4 | 1,019.7 | 995.9 | 934.9 | 772.4 | 866.7 | 904.0 | 1,048.2 | 1,064.5 | 1,105.9 | 1,107.5 | 1,061.7 | | |
| Architectural coatings | do | 4,372.1 | 4,730.8 | 484.2 | 414.4 | 399.0 | 361.1 | 298.3 | 348.8 | 364.5 | 443.7 | 443.6 | 471.2 | 470.7 | 467.4 | | |
| Product coatings (OEM) | do | 4,062.9 | 4,353.0 | 381.6 | 380.8 | 379.5 | 361.6 | 308.8 | 302.7 | 322.6 | 374.0 | 362.8 | 381.0 | 368.9 | 332.0 | | |
| Special purpose coatings | do | 2,281.1 | 2,483.6 | 248.7 | 224.5 | 217.4 | 212.1 | 165.3 | 215.2 | 217.0 | 230.4 | 258.0 | 253.7 | 267.9 | 262.3 | | |
| **ELECTRIC POWER AND GAS** | | | | | | | | | | | | | | | | | |
| **ELECTRIC POWER** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Electric utilities, total | mil. kw.-hr | 2,704,250 | 2,780,775 | 258,336 | 226,848 | 219,587 | 218,980 | 258,637 | 237,047 | 212,717 | 225,716 | 210,796 | 222,563 | 248,895 | | | |
| By fuels | do | 2,481,311 | 2,515,714 | 238,148 | 207,929 | 199,512 | 197,794 | 236,815 | 213,611 | 188,556 | 197,668 | 185,404 | 195,560 | 221,259 | | | |
| By waterpower | do | 222,940 | 265,061 | 20,187 | 18,919 | 20,076 | 21,186 | 21,823 | 23,436 | 24,162 | 28,048 | 25,393 | 27,002 | 27,634 | | | |
| Sales to ultimate customers, total (Edison Electric Institute) | mil. kw.-hr | 2,549,909 | 2,560,087 | | 708,773 | | | 639,525 | | | 654,492 | | | 627,551 | | | |
| Commercial § | do | 695,181 | 698,518 | | 203,271 | | | 174,818 | | | 173,215 | | | 177,148 | | | |
| Industrial § | do | 880,947 | 887,474 | | 233,394 | | | 226,341 | | | 220,221 | | | 227,655 | | | |
| Railways and railroads | do | 5,110 | 5,127 | | 1,273 | | | 1,342 | | | 1,372 | | | 1,271 | | | |
| Residential or domestic | do | 885,146 | 884,884 | | 250,044 | | | 213,945 | | | 236,436 | | | 199,176 | | | |
| Street and highway lighting | do | 14,537 | 14,537 | | 3,486 | | | 3,982 | | | 3,908 | | | 3,456 | | | |
| Other public authorities | do | 64,598 | 65,063 | | 16,064 | | | 18,056 | | | 18,194 | | | 17,747 | | | |
| Interdepartmental | do | 4,392 | 4,483 | | 1,241 | | | 1,042 | | | 1,145 | | | 1,097 | | | |
| Revenue from sales to ultimate customers (Edison Electric Institute) | mil. $ | 162,188 | 163,364 | | 48,125 | | | 40,648 | | | 41,479 | | | 40,713 | | | |
| **GAS ◊** | | | | | | | | | | | | | | | | | |
| Total utility gas, quarterly (American Gas Association): | | | | | | | | | | | | | | | | | |
| Customers, end of period, total @ | thous | 52,683 | | | | | | | | | | | | | | | |
| Residential | do | 48,377 | | | | | | | | | | | | | | | |
| Commercial | do | 4,088 | | | | | | | | | | | | | | | |
| Industrial @ | do | 168 | | | | | | | | | | | | | | | |
| Other | do | 50 | | | | | | | | | | | | | | | |
| Sales to customers, total | tril. Btu | 10,691 | | | | | | | | | | | | | | | |
| Residential | do | 4,692 | | | | | | | | | | | | | | | |
| Commercial | do | 2,304 | | | | | | | | | | | | | | | |
| Industrial | do | 2,204 | | | | | | | | | | | | | | | |
| Electric generation | do | 1,331 | | | | | | | | | | | | | | | |
| Other | do | 160 | | | | | | | | | | | | | | | |
| Revenue from sales to customers, total | mil. $ | 46,109 | | | | | | | | | | | | | | | |
| Residential | do | 24,812 | | | | | | | | | | | | | | | |
| Commercial | do | 10,670 | | | | | | | | | | | | | | | |
| Industrial | do | 6,702 | | | | | | | | | | | | | | | |
| Electric generation | do | 3,387 | | | | | | | | | | | | | | | |
| Other | do | 539 | | | | | | | | | | | | | | | |
| **FOOD AND KINDRED PRODUCTS; TOBACCO** | | | | | | | | | | | | | | | | | |
| **ALCOHOLIC BEVERAGES** | | | | | | | | | | | | | | | | | |
| Beer: | | | | | | | | | | | | | | | | | |
| Production | mil. bbl | 198.02 | 199.14 | 18.35 | 15.28 | 15.82 | 14.78 | 13.45 | 16.46 | 15.74 | 17.97 | 17.47 | 18.10 | 18.58 | | | |
| Taxable withdrawals | do | 178.23 | 179.50 | 17.41 | 14.77 | 14.32 | 13.40 | 12.10 | 14.26 | 13.38 | 15.89 | 15.23 | 16.91 | 16.89 | | | |
| Stocks, end of period | do | 14.89 | 14.60 | 14.33 | 13.56 | 13.06 | 12.86 | 14.60 | 13.53 | 14.28 | 14.49 | 15.10 | 14.91 | 14.98 | | | |
| Distilled spirits (total): | | | | | | | | | | | | | | | | | |
| Production | mil. tax gal | 94.84 | 112.89 | 6.64 | 10.31 | 12.28 | 10.95 | 9.43 | 11.63 | | | | | | | | |
| Consumption, apparent, for beverage purposes | mil. wine gal | 378.45 | 371.46 | 29.94 | 28.60 | 31.05 | 37.51 | 43.49 | 25.60 | 26.32 | [2]28.88 | 28.64 | 30.84 | | | | |
| Stocks, end of period | mil. tax gal | 420.92 | 426.67 | 422.59 | 413.86 | 423.34 | 423.93 | 426.67 | 428.89 | | | | | | | | |
| Imports | mil. proof liters | 363.20 | [3]368.54 | 33.85 | 32.90 | 54.08 | 40.00 | 25.13 | | | | | | | | | |
| Whisky: | | | | | | | | | | | | | | | | | |
| Production | mil. tax gal | 48.35 | 77.88 | 5.24 | 5.56 | 4.93 | 7.74 | 7.18 | 8.19 | | | | | | | | |
| Stocks, end of period | do | 364.56 | 368.85 | 370.53 | 361.28 | 366.50 | 367.07 | 368.85 | 370.84 | | | | | | | | |
| Imports | mil. proof liters | 231.90 | [3]223.97 | 21.44 | 18.34 | 36.46 | 23.21 | 14.34 | | | | | | | | | |
| Wines and distilling materials: | | | | | | | | | | | | | | | | | |
| Effervescent wines: | | | | | | | | | | | | | | | | | |
| Production | mil. wine gal | 30.72 | 29.57 | 2.76 | 3.48 | 3.09 | 3.11 | 1.73 | 2.04 | 2.09 | 1.70 | 1.42 | 1.56 | | | | |
| Taxable withdrawals | do | 29.27 | 26.83 | 1.79 | 2.80 | 4.17 | 4.54 | 3.02 | .96 | .97 | 1.30 | 1.52 | 1.83 | | | | |
| Stocks, end of period | do | 18.62 | 15.84 | 19.57 | 19.44 | 24.99 | 18.03 | 15.84 | 17.70 | 18.76 | 19.13 | 18.30 | 18.75 | | | | |
| Imports | mil. liters | 49.30 | [3]54.96 | 3.43 | 4.11 | 7.82 | 17.63 | 4.64 | | | | | | | | | |
| Still wines: | | | | | | | | | | | | | | | | | |
| Production | mil. wine gal | 470.95 | 410.04 | 36.56 | 147.12 | 119.11 | 47.73 | 17.95 | 8.34 | 5.87 | 7.11 | 6.01 | 5.60 | | | | |
| Taxable withdrawals | do | 445.17 | 411.23 | 38.66 | 34.12 | 34.28 | 36.23 | 33.32 | 31.04 | 29.64 | 37.04 | 35.33 | 38.42 | | | | |
| Stocks, end of period | do | 586.89 | 582.16 | 396.84 | 538.39 | 586.15 | 588.01 | 582.16 | 587.23 | 585.87 | 571.07 | 584.33 | 572.32 | | | | |
| Imports | mil. liters | 257.40 | [3]242.05 | 20.44 | 17.76 | 28.51 | 27.97 | 19.75 | | | | | | | | | |
| Distilling materials produced at wineries | mil. wine gal | 131.76 | 114.11 | 12.24 | 28.12 | 24.72 | 9.07 | 7.61 | 3.11 | 3.46 | 2.48 | 3.52 | 3.56 | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **FOOD AND KINDRED PRODUCTS; TOBACCO—Continued** | | | | | | | | | | | | | | | | | |
| **DAIRY PRODUCTS** | | | | | | | | | | | | | | | | | |
| Butter: | | | | | | | | | | | | | | | | | |
| Production (factory) | mil. lb. | 1,207.5 | 1,273.5 | 80.7 | 81.6 | 95.1 | 94.4 | 107.4 | 134.0 | 127.3 | 136.2 | 125.6 | 121.6 | 95.9 | 85.1 | 83.8 | |
| Stocks, cold storage, end of period | do | 214.7 | 256.2 | 439.7 | 407.9 | 370.6 | 294.1 | 256.2 | 262.0 | 285.8 | 318.8 | 349.1 | 392.2 | 411.4 | 418.1 | [r]423.9 | 408.2 |
| Producer Price Index | 1982=100 | [8]90.8 | 88.0 | 90.5 | 89.4 | 85.5 | 85.4 | 84.9 | 74.0 | 74.1 | 74.1 | 74.3 | 67.2 | 68.4 | 70.9 | 69.9 | 70.6 |
| Cheese: | | | | | | | | | | | | | | | | | |
| Production (factory), total | mil. lb. | 5,572.0 | 5,613.9 | 454.7 | 448.5 | 464.0 | 453.0 | 489.5 | 483.7 | 471.9 | 530.0 | 515.0 | 545.4 | 528.8 | 502.6 | 487.8 | |
| American, whole milk | do | 2,756.6 | 2,672.6 | 210.2 | 204.6 | 209.2 | 206.4 | 230.8 | 231.7 | 239.8 | 255.2 | 249.9 | 264.6 | 252.5 | 236.4 | 229.3 | |
| Stocks, cold storage, end of period | do | 388.1 | 328.0 | 419.8 | 370.2 | 331.4 | 330.6 | 328.0 | 360.1 | 378.8 | 395.8 | 411.0 | 432.1 | 461.6 | 480.1 | 471.3 | 452.4 |
| American, whole milk | do | 283.4 | 234.8 | 302.3 | 271.4 | 250.1 | 235.2 | 234.8 | 260.8 | 275.1 | 291.8 | 298.3 | 312.6 | 331.0 | 356.1 | 354.3 | 341.3 |
| Imports | thous. met. tons | 114.6 | [8]126.6 | 12.3 | 12.9 | 13.3 | 14.5 | 15.5 | | | | | | | | | |
| Price, wholesale, cheddar, single daisies (Chicago) | $ per lb | (5) | | | | | | | | | | | | | | | |
| Condensed and evaporated milk: | | | | | | | | | | | | | | | | | |
| Production, case goods | mil. lb. | 590.1 | 525.1 | 41.5 | 37.3 | 35.7 | 34.4 | 40.4 | 43.5 | 46.0 | 53.9 | 46.9 | 50.3 | 53.7 | 49.3 | 50.8 | |
| Stocks, manufacturers', case goods, end of period | do | 44.1 | 26.6 | 116.7 | 98.7 | 69.7 | 42.8 | 26.6 | 48.0 | 65.8 | 84.5 | 89.5 | 88.9 | 97.3 | 101.1 | 104.5 | |
| Exports | thous. met. tons | 3.5 | [8]13.8 | .5 | .5 | .3 | .3 | .4 | | | | | | | | | |
| Fluid milk: | | | | | | | | | | | | | | | | | |
| Production on farms † | mil. lb. | 123,518 | 122,531 | 10,074 | 9,668 | 9,878 | 9,654 | 10,047 | 10,479 | 9,813 | 10,997 | 10,842 | 11,226 | 10,696 | 10,695 | [r]10,479 | 10,019 |
| Utilization in manufactured dairy products | do | 85,089 | 85,714 | 6,926 | 6,490 | 6,651 | 6,428 | 6,859 | 7,373 | 7,182 | 7,943 | 7,950 | 8,425 | 7,905 | 7,546 | | |
| Price, wholesale, U.S. average | $ per 100 lb | 12.22 | 13.29 | 13.20 | 14.00 | 14.70 | 15.50 | 16.10 | 15.70 | 14.40 | 13.70 | 13.40 | 13.50 | 13.80 | 14.10 | [r]14.30 | [p]14.40 |
| Dry milk: | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Dry whole milk | mil. lb. | 172.3 | 175.8 | 15.0 | 14.2 | 16.7 | 16.3 | 17.2 | 18.9 | 12.9 | 10.9 | 17.1 | 14.0 | 15.6 | 13.6 | 12.3 | |
| Nonfat dry milk (human food) | do | 979.7 | 874.7 | 52.7 | 44.9 | 48.1 | 51.2 | 64.8 | 61.4 | 71.1 | 77.4 | 90.0 | 95.1 | 83.3 | 72.7 | 62.9 | |
| Stocks, manufacturers', end of period: | | | | | | | | | | | | | | | | | |
| Dry whole milk | do | 12.8 | 13.0 | 8.9 | 6.2 | 8.0 | 10.0 | 13.0 | 18.0 | 16.2 | 15.2 | 17.4 | 16.0 | 16.5 | 14.9 | 12.2 | |
| Nonfat dry milk (human food) | do | 45.1 | 49.4 | 56.9 | 44.6 | 36.1 | 32.4 | 49.4 | 49.3 | 57.0 | 59.2 | 62.4 | 70.3 | 92.6 | 107.8 | 122.6 | |
| Exports, whole and nonfat (human food) | thous. met. tons | 153.1 | [8]157.1 | 20.3 | 14.7 | 4.6 | 6.7 | 1.5 | | | | | | | | | |
| Price, manufacturers' average selling, nonfat dry milk (human food) | $ per lb | .773 | .993 | .979 | 1.064 | 1.220 | 1.410 | 1.309 | .956 | .843 | .798 | .927 | 1.072 | 1.118 | 1.087 | 1.063 | |
| **GRAIN AND GRAIN PRODUCTS** | | | | | | | | | | | | | | | | | |
| Exports (barley, corn, oats, rye, wheat) | mil. bu | 3,448.3 | (5) | | | | | | | | | | | | | | |
| Barley: | | | | | | | | | | | | | | | | | |
| Production (crop estimate) | mil. met. tons | [2]6.314 | [2]8.784 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total | do | [7]8.102 | [7]7.689 | 9.078 | | | 7.634 | | | 5.501 | | | [r]3.501 | | | 8.945 | |
| On farms | do | [7]3.973 | [7]4.092 | 5.516 | | | 4.059 | | | 2.239 | | | [4]1.058 | | | 5.626 | |
| Off farms | do | [7]4.129 | [7]3.597 | 3.562 | | | 3.574 | | | 3.262 | | | [r]2.443 | | | 3.319 | |
| Exports, including malt § | thous. met. tons | 2,244.4 | [8]1,841.8 | 213.1 | 192.6 | 110.9 | 110.4 | 224.2 | | | | | | | | | |
| Producer Price Index, No. 2 feed, Minneapolis | 1982=100 | 110.4 | 117.9 | 114.9 | 112.3 | 112.8 | 109.7 | 114.9 | 118.6 | 114.9 | 116.5 | 121.2 | 121.7 | 126.9 | 118.1 | 104.5 | 101.3 |
| Corn: | | | | | | | | | | | | | | | | | |
| Production (crop estimate, grain only) | mil. met. tons | [2]125.19 | [2]191.20 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total | do | [7]179.63 | [7]179.82 | [7]49.04 | | | 179.82 | | | 122.25 | | | [r]72.22 | | | 34.15 | |
| On farms | do | [7]108.72 | [7]119.36 | [7]24.58 | | | 119.36 | | | 73.93 | | | [r]41.24 | | | 19.17 | |
| Off farms | do | [7]70.90 | [7]60.46 | [7]24.46 | | | 60.47 | | | 48.32 | | | [r]30.98 | | | 14.98 | |
| Exports, including meal and flour | do | 46.32 | [8]56.66 | 2.72 | 2.90 | 4.45 | 7.47 | 6.58 | | | | | | | | | |
| Producer Price Index, No. 2, Chicago | 1982=100 | 97.1 | 102.4 | 94.8 | 94.7 | 91.8 | 95.9 | 94.2 | 93.9 | 96.9 | 99.2 | 108.8 | 113.5 | 116.4 | 112.6 | 100.2 | 94.9 |
| Oats: | | | | | | | | | | | | | | | | | |
| Production (crop estimate) | mil. met. tons | [2]3.158 | [2]5.425 | | | | | | | | | | | | | | |
| Stocks (domestic), end of period, total | do | [6]1.626 | [6]1.427 | | | | | | | | | | [r]2.278 | | | | |
| On farms | do | [6]1.116 | [6].870 | | | | | | | | | | [6]1.203 | | | | |
| Off farms | do | [6].510 | [6].557 | | | | | | | | | | [r]1.075 | | | | |
| Exports, including oatmeal | metric tons | 29,989 | [8]58,387 | 3,138 | 4,798 | 6,597 | 2,519 | 2,423 | | | | | | | | | |
| Producer Price Index, No. 2, Minneapolis | 1982=100 | 135.4 | 107.1 | 85.3 | 84.5 | 82.4 | 87.4 | 92.2 | 88.2 | 79.8 | 83.5 | 82.4 | 88.2 | 81.9 | 74.0 | 66.0 | 64.5 |
| Rice: | | | | | | | | | | | | | | | | | |
| Production (crop estimate) | mil. met. tons | [2]7.253 | [2]7.007 | | | | | | | | | | | | | | |
| Southern States mills: | | | | | | | | | | | | | | | | | |
| Receipts, rough, from producers | mil. lb. | 8,985 | 12,918 | 558 | 3,861 | 1,652 | 646 | 850 | 1,120 | 951 | 547 | 299 | 345 | 235 | 243 | 555 | |
| Shipments from mills, milled rice | do | 6,722 | 8,061 | 504 | 670 | 765 | 598 | 553 | 594 | 583 | 713 | 579 | 496 | 490 | 433 | 510 | |
| Stocks, domestic, rough and cleaned (cleaned basis), end of period | mil. lb. | 2,011 | 2,741 | 711 | 2,574 | 2,950 | 2,723 | 2,741 | 2,788 | 2,380 | 1,800 | 1,468 | 1,285 | 1,107 | 810 | 697 | |
| Exports | thous. met. tons | 2,199 | [8]3,024 | 178 | 273 | 279 | 261 | 260 | | | | | | | | | |
| Producer Price Index, medium grain, milled | 1982=100 | 112.6 | 107.9 | 112.1 | 110.9 | 110.8 | 106.4 | 106.0 | 107.1 | 107.7 | 107.5 | 108.3 | 106.6 | 104.0 | 103.9 | 104.0 | 97.6 |
| Rye: | | | | | | | | | | | | | | | | | |
| Production (crop estimate) | mil. met. tons | [2].373 | [2].342 | | | | | | | | | | | | | | |
| Producer Price Index, No. 2, Minneapolis | 1982=100 | 69.1 | 69.1 | 59.3 | 60.8 | 68.9 | 67.4 | 65.9 | 73.3 | 64.5 | 64.8 | 71.8 | 68.9 | 68.1 | 62.1 | 65.9 | 64.5 |
| Wheat: | | | | | | | | | | | | | | | | | |
| Production (crop estimate), total | mil. met. tons | [2]49.32 | [2]55.41 | | | | | | | | | | | | | | |
| Spring wheat | do | [2]6.81 | [2]15.84 | | | | | | | | | | | | | | |
| Winter wheat | do | [2]42.51 | [2]39.57 | | | | | | | | | | | | | | |
| Distribution, quarterly @ | do | 71.32 | 64.04 | 22.48 | | | 13.58 | | | 13.17 | | | 13.82 | | | | |
| Stocks (domestic), end of period, total | do | [7]46.70 | [7]38.58 | 52.18 | | | 38.75 | | | 25.67 | | | [r]14.60 | | | 65.37 | |
| On farms | do | [7]16.87 | [7]15.84 | 22.64 | | | 16.11 | | | 10.23 | | | [4]5.78 | | | 27.08 | |
| Off farms | do | [7]29.83 | [7]22.74 | 29.54 | | | 22.63 | | | 15.43 | | | [r]8.82 | | | 38.29 | |
| Exports, total, including flour | do | 41.33 | [8]37.87 | 3.71 | 4.28 | 2.50 | 2.03 | 2.30 | | | | | | | | | |
| Wheat only | mil. bu | 1,469.2 | (5) | | | | | | | | | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **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 | 90.8 | 109.1 | 106.6 | 105.2 | 105.6 | 107.7 | 109.2 | 108.6 | 102.7 | 98.6 | 101.9 | 94.3 | 95.4 | 78.1 | 71.8 | 71.8 |
| Hard red spring, No. 1, ord. protein (Minn.) | 1982=100 | 93.1 | 108.7 | 106.9 | 106.1 | 106.2 | 105.0 | 108.6 | 110.1 | 104.7 | 99.7 | 103.4 | 103.7 | 102.2 | 93.7 | 77.6 | 75.7 |
| Wheat flour: | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Flour | thous. sacks (100 lb.) | 344,154 | 328,500 | 31,608 | 28,248 | 30,462 | 29,287 | 26,360 | 27,906 | 27,963 | 29,213 | 26,958 | 27,634 | 26,719 | r27,711 | 33,033 | ..... |
| Millfeed | thous. sh. tons | 6,168 | 5,828 | 558 | 503 | 529 | 514 | 455 | 497 | 493 | 512 | 478 | 492 | 468 | r485 | 560 | ..... |
| Grindings of wheat | thous. bu. | 769,699 | 731,338 | 70,565 | 63,619 | 67,445 | 65,096 | 58,665 | 63,393 | 64,038 | 66,725 | 61,567 | 63,566 | 60,572 | r62,258 | 74,011 | ..... |
| Stocks held by mills, end of period | thous. sacks (100 lb.) | 4,800 | 5,207 | ..... | 5,489 | ..... | ..... | 5,207 | ..... | ..... | 5,072 | ..... | ..... | 5,818 | ..... | ..... | ..... |
| Exports | thous. met. tons | 960.80 | [2]1,195.53 | 114.51 | 177.08 | 66.25 | 134.94 | 71.42 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Producer Price Index | 6/83=100 | 102.0 | 110.5 | 110.7 | 109.5 | 108.5 | 108.7 | 109.6 | 109.4 | 109.0 | 106.9 | 108.8 | r107.9 | 105.6 | 99.4 | 92.7 | 91.8 |
| **POULTRY AND EGGS** | | | | | | | | | | | | | | | | | |
| Poultry: | | | | | | | | | | | | | | | | | |
| Slaughter | mil. lb. | 20,705 | 22,144 | r2,088 | 1,862 | 1,971 | 1,903 | 1,879 | 1,892 | 1,717 | 2,029 | 1,872 | 2,075 | 1,951 | 1,963 | 2,179 | ..... |
| Stocks, cold storage (frozen), end of period, total | mil. lb. | 451 | 469 | 768 | 769 | 776 | 479 | 469 | 504 | 513 | 575 | 623 | 666 | 760 | 810 | r846 | 848 |
| Turkeys | do | 250 | 236 | 574 | 569 | 572 | 258 | 236 | 267 | 272 | 319 | 354 | 406 | 489 | 541 | r593 | 617 |
| Price, in Georgia producing area, live broilers | $ per lb | .315 | .352 | .355 | .355 | .290 | .290 | .270 | .280 | .305 | .350 | .315 | .335 | .330 | .370 | .310 | .335 |
| Eggs: | | | | | | | | | | | | | | | | | |
| Production on farms | mil. cases § | 193.5 | 186.4 | 15.6 | 15.1 | 15.7 | 15.4 | 16.0 | 15.8 | 14.3 | 16.2 | 15.6 | 16.0 | 15.4 | 15.9 | 15.9 | ..... |
| Stocks, cold storage, end of period: | | | | | | | | | | | | | | | | | |
| Shell | thous. cases § | 9 | 12 | 17 | 23 | 6 | 11 | 12 | 22 | 16 | 23 | 20 | 21 | 22 | 29 | 19 | 18 |
| Frozen | mil. lb. | 20 | 14 | 15 | 14 | 15 | 13 | 14 | 14 | 15 | 17 | 17 | 17 | 18 | 17 | 17 | 17 |
| Price, wholesale, large (delivered; Chicago) | $ per doz | .583 | .777 | .796 | .772 | .794 | .891 | .943 | .886 | .751 | .861 | .786 | .603 | .669 | .642 | ..... | ..... |
| **LIVESTOCK** | | | | | | | | | | | | | | | | | |
| Cattle and calves: | | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected): | | | | | | | | | | | | | | | | | |
| Calves | thous. animals | 2,411 | 2,100 | 189 | 173 | 191 | 175 | 167 | 175 | 145 | 165 | 128 | 137 | 132 | 139 | 147 | 132 |
| Cattle | do | 34,048 | 33,010 | 2,975 | 2,706 | 2,876 | 2,694 | 2,600 | 2,775 | 2,437 | 2,696 | 2,552 | 2,920 | 2,873 | 2,789 | 2,918 | 2,553 |
| Prices, wholesale: | | | | | | | | | | | | | | | | | |
| Beef steers (Omaha) | $ per 100 lb | 69.58 | 72.52 | 71.09 | 68.44 | 69.69 | 72.48 | 75.21 | 76.73 | 76.61 | 78.15 | 79.36 | 77.57 | 75.63 | 74.46 | 76.22 | 75.75 |
| Steers, stocker and feeder (Kansas City) | do | 80.50 | 81.45 | 84.54 | 83.56 | 81.24 | 82.65 | 82.30 | 82.47 | 82.86 | 87.50 | 90.81 | 91.90 | 94.74 | 93.50 | 92.30 | 91.50 |
| Calves, vealers (So. St. Paul) | dollars | 227.67 | 248.62 | 263.00 | 258.75 | 244.38 | 242.90 | 230.00 | 248.50 | 255.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Hogs: | | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected) | thous. animals | 85,516 | 86,328 | 7,392 | 7,493 | 7,823 | 7,815 | 7,012 | 7,407 | 6,643 | 7,279 | 6,785 | 6,799 | 6,152 | 5,983 | 7,110 | 6,722 |
| Prices: | | | | | | | | | | | | | | | | | |
| Wholesale, average, all weights (Sioux City) | $ per 100 lb | 43.25 | 43.91 | 47.04 | 44.58 | 47.49 | 47.21 | 49.65 | 48.41 | 49.48 | 52.56 | 54.63 | 62.80 | 61.34 | 62.54 | 56.37 | 55.64 |
| Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog) | | 19.3 | 17.3 | 20.1 | 19.0 | 21.0 | 20.1 | 21.2 | 20.5 | 20.8 | 21.6 | 21.4 | 23.4 | 22.9 | 23.2 | r22.3 | 23.3 |
| Sheep and lambs: | | | | | | | | | | | | | | | | | |
| Slaughter (federally inspected) | thous. animals | 5,122 | 5,295 | 476 | 440 | 468 | 467 | 457 | 479 | 431 | 481 | 466 | 465 | 426 | 430 | 463 | 422 |
| Price, wholesale, lambs, average (Omaha) | $ per 100 lb | 60.71 | 61.20 | 63.31 | 56.67 | 58.33 | 55.03 | 56.38 | (1) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **MEATS** | | | | | | | | | | | | | | | | | |
| Total meats (excluding lard): | | | | | | | | | | | | | | | | | |
| Production | mil. lb. | 39,763 | 39,418 | 3,483 | 3,317 | 3,524 | 3,411 | 3,171 | 3,350 | 2,973 | 3,257 | 3,047 | 3,320 | 3,174 | 3,095 | 3,428 | 3,093 |
| Stocks, cold storage, end of period | do | 716 | 535 | 576 | 557 | 538 | 554 | 535 | 565 | 610 | 637 | 651 | 633 | 592 | 566 | r507 | 507 |
| Exports (meats and meat preparations) | thous. met. tons | 1,081 | [2]1,301 | 117 | 101 | 121 | 122 | 109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Imports (meats and meat preparations) | do | 1,263 | [2]1,110 | 95 | 74 | 87 | 89 | 93 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Beef and veal: | | | | | | | | | | | | | | | | | |
| Production, total | mil. lb. | 23,811 | 23,319 | 2,121 | 1,941 | 2,072 | 1,934 | 1,852 | 1,959 | 1,729 | 1,898 | 1,770 | 2,033 | 2,004 | 1,965 | 2,090 | 1,839 |
| Stocks, cold storage, end of period | do | 323 | 256 | 248 | 237 | 225 | 242 | 256 | 265 | 274 | 312 | 300 | 277 | 263 | 272 | r247 | 249 |
| Exports | thous. met. tons | 443 | [2]568 | 53 | 44 | 54 | 48 | 43 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Imports | do | 753 | [2]682 | 59 | 45 | 54 | 56 | 61 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.) (Central U.S.) | $ per lb | 1.031 | 1.078 | 1.043 | 1.021 | 1.031 | 1.070 | 1.114 | 1.133 | 1.128 | 1.136 | 1.147 | 1.143 | 1.122 | ..... | ..... | ..... |
| Lamb and mutton: | | | | | | | | | | | | | | | | | |
| Production, total | mil. lb. | 329 | 342 | 29 | 27 | 30 | 31 | 31 | 32 | 29 | 32 | 31 | 31 | 28 | 28 | 30 | 27 |
| Stocks, cold storage, end of period | do | 6 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 10 | 10 | 9 | 9 |
| Pork (excluding lard): | | | | | | | | | | | | | | | | | |
| Production, total | do | 15,623 | 15,757 | 1,333 | 1,349 | 1,421 | 1,446 | 1,288 | 1,359 | 1,215 | 1,328 | 1,247 | 1,256 | 1,142 | 1,102 | 1,309 | 1,228 |
| Stocks, cold storage, end of period | do | 358 | 256 | 278 | 278 | 276 | 279 | 256 | 272 | 307 | 297 | 319 | 323 | 293 | 256 | r225 | 225 |
| Exports | thous. met. tons | 147 | [2]152 | 12 | 12 | 17 | 15 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Imports | do | 439 | [2]358 | 30 | 24 | 26 | 27 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Prices: | | | | | | | | | | | | | | | | | |
| Producer Price Index, Hams, smoked | 1982=100 | 96.2 | (1) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Fresh loins, 8-14 lb. average, wholesale (N.Y.) | $ per lb | 1.188 | (1) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **MISCELLANEOUS FOOD PRODUCTS** | | | | | | | | | | | | | | | | | |
| Cocoa (cacao) beans, imports (including shells) | thous. met. tons | 236.7 | [2]266.1 | 23.4 | 14.0 | 20.4 | 9.5 | 10.4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Coffee: | | | | | | | | | | | | | | | | | |
| Imports, total | metric tons | 920,040 | [2]1,162,920 | 119,698 | 117,088 | 130,799 | 105,479 | 100,372 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| From Brazil | do | 252,780 | [2]249,295 | 19,526 | 20,969 | 32,745 | 17,140 | 13,213 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| U.S. Import Price Index | 1985=100 | 91.0 | 69.2 | ..... | 53.3 | ..... | ..... | 47.6 | ..... | ..... | 59.2 | ..... | ..... | r57.8 | ..... | ..... | 63.1 |
| Fish: | | | | | | | | | | | | | | | | | |
| Stocks, cold storage, end of period | mil. lb. | 394 | 430 | 428 | 444 | 427 | 419 | 430 | 401 | 354 | 322 | 320 | 327 | 337 | 334 | 347 | ..... |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.** | | | | | | | | | | | | | | | | | |
| **MISCELLANEOUS FOOD PRODUCTS—Cont.** | | | | | | | | | | | | | | | | | |
| Sugar: | | | | | | | | | | | | | | | | | |
| Exports, raw and refined | metric tons | 877,365 | [4]412,044 | 45,586 | 50,385 | 51,657 | 45,619 | 28,927 | | | | | | | | | |
| Imports, raw and refined | thous. met. tons | 1,213 | [4]1,542 | 226 | 106 | 97 | 119 | 85 | | | | | | | | | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | | |
| Raw (cane) | 1982=100 | 111.9 | 115.5 | 118.3 | 118.8 | 118.0 | 117.9 | 117.5 | 118.9 | 117.9 | 118.8 | 120.3 | [r]119.7 | 119.0 | 119.7 | 119.6 | 119.7 |
| Refined | do | 108.9 | 118.2 | 118.6 | 120.4 | 119.2 | 120.1 | 122.0 | 122.4 | 123.2 | 121.7 | 122.4 | [r]122.5 | 122.5 | 123.1 | 122.8 | 122.7 |
| Tea, imports | metric tons | 90,143 | [4]85,257 | 6,790 | 7,070 | 7,634 | 6,964 | 7,053 | | | | | | | | | |
| **TOBACCO** | | | | | | | | | | | | | | | | | |
| Leaf: | | | | | | | | | | | | | | | | | |
| Production (crop estimate) | mil. lb | [1]1,370 | [1]1,414 | | | | | | | | | | | | | | |
| Stocks, dealers' and manufacturers', end of period | do | 4,020 | 3,803 | | 3,631 | | | 3,803 | | | 3,624 | | | | | | |
| Exports, incl. scrap and stems | metric tons | 216,481 | [4]224,382 | 10,684 | 17,729 | 18,025 | 32,072 | 19,644 | | | | | | | | | |
| Imports, incl. scrap and stems | do | 196,429 | [4]180,286 | 18,418 | 11,553 | 15,234 | 13,351 | 16,164 | | | | | | | | | |
| Manufactured products: | | | | | | | | | | | | | | | | | |
| Consumption (withdrawals): | | | | | | | | | | | | | | | | | |
| Cigarettes (small): | | | | | | | | | | | | | | | | | |
| Tax-exempt | millions | 132,953 | | 14,395 | 12,151 | 12,888 | 12,966 | 14,030 | 12,517 | 12,234 | | | | | | | |
| Taxable | do | 543,378 | | 47,155 | 44,444 | 48,177 | 49,863 | 43,848 | 38,369 | 41,157 | | | | | | | |
| Cigars (large), taxable | do | 2,430 | | 220 | 208 | 202 | 201 | 178 | 159 | 157 | | | | | | | |
| Exports, cigarettes | do | 118,499 | [4]41,755 | 3,046 | 2,220 | 2,672 | 2,760 | 5,629 | | | | | | | | | |
| **LEATHER AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| **LEATHER** | | | | | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | | | | | |
| Upper and lining leather | thous. sq. ft | 215,358 | | | | | | | | | | | | | | | |
| Producer Price Index, leather | 1982=100 | 167.5 | 170.4 | 171.5 | 172.5 | 172.9 | 173.0 | 174.0 | 176.6 | 178.0 | 177.7 | 179.5 | [r]181.2 | 179.5 | 178.9 | 176.9 | 177.3 |
| **LEATHER MANUFACTURES** | | | | | | | | | | | | | | | | | |
| Footwear: | | | | | | | | | | | | | | | | | |
| Production, total | thous. pairs | 235,141 | 210,490 | 19,676 | 17,405 | 18,956 | 17,488 | 14,322 | 17,824 | 17,186 | 18,492 | 16,669 | 18,918 | [r]16,734 | 14,805 | | |
| Shoes, sandals, and play shoes, except athletic | thous. pairs | 162,507 | | 12,696 | 11,735 | 12,502 | 11,521 | 10,125 | 12,106 | 11,677 | 12,475 | 11,450 | 12,676 | [r]11,019 | 10,305 | | |
| Slippers | do | 55,181 | 57,534 | 5,863 | 4,679 | 5,464 | 4,562 | 2,575 | 3,813 | 3,812 | 4,329 | 3,579 | 4,050 | [r]3,440 | 2,144 | | |
| Athletic | do | 17,453 | | 1,117 | 991 | 990 | 1,405 | 1,622 | 1,905 | 1,697 | 1,688 | 1,640 | 2,192 | [r]2,275 | 2,356 | | |
| Other footwear | do | 3,410 | 3,680 | 342 | 305 | 431 | 510 | 254 | 335 | 374 | 323 | 347 | 381 | 337 | 199 | | |
| Exports | do | 18,394 | | | | | | | | | | | | | | | |
| Producer Price Indexes: | | | | | | | | | | | | | | | | | |
| Men's leather upper, dress and casual | 1982=100 | 121.3 | 127.5 | 129.3 | 131.0 | 131.0 | 131.0 | 129.8 | 131.6 | 135.4 | 136.5 | 136.4 | [r]136.4 | 134.1 | 137.0 | 135.0 | 135.7 |
| Women's leather upper | do | 112.5 | 116.2 | 118.0 | 118.0 | 118.0 | 117.8 | 118.7 | 118.9 | 120.0 | 120.0 | 119.9 | 121.3 | 121.3 | 121.3 | 121.3 | 121.5 |
| Women's plastic upper | do | 107.5 | 110.0 | 109.1 | 110.0 | 109.2 | 110.9 | 112.5 | 114.3 | 114.3 | 114.3 | 114.2 | 114.3 | 114.3 | 113.3 | 113.3 | 113.4 |
| **LUMBER AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| **LUMBER—ALL TYPES #** | | | | | | | | | | | | | | | | | |
| National Forest Products Association: | | | | | | | | | | | | | | | | | |
| Production, total | mil. bd. ft | [2]49,576 | [2]48,533 | 4,023 | 3,787 | 4,172 | 3,811 | 3,615 | 4,160 | 3,862 | 4,300 | 4,121 | 4,084 | [r]3,944 | 3,747 | | |
| Hardwoods | do | [2]11,446 | [2]10,988 | 832 | 700 | 782 | 905 | 775 | 921 | 868 | 939 | 866 | 936 | 839 | 870 | | |
| Softwoods | do | [2]38,130 | [2]37,545 | 3,191 | 3,087 | 3,390 | 2,906 | 2,840 | 3,239 | 2,994 | 3,361 | 3,255 | 3,148 | [r]3,105 | 2,877 | | |
| Shipments, total | do | [2]49,134 | [2]49,003 | 3,977 | 3,823 | 4,081 | 3,854 | 3,626 | 4,035 | 3,870 | 4,317 | 4,173 | 3,952 | [r]4,176 | 3,679 | | |
| Hardwoods | do | [2]11,163 | [2]11,347 | 836 | 698 | 839 | 971 | 750 | 922 | 874 | 954 | 858 | 887 | 871 | 754 | | |
| Softwoods | do | [2]37,971 | [2]37,656 | 3,141 | 3,125 | 3,242 | 2,883 | 2,876 | 3,113 | 2,996 | 3,363 | 3,315 | 3,065 | [r]3,305 | 2,925 | | |
| Stocks (gross), mill, end of period, total | do | | | | | | | | | | | | | | | | |
| Hardwoods | do | | | | | | | | | | | | | | | | |
| Softwoods | do | 4,999 | 4,898 | 4,797 | 4,762 | 4,908 | 4,934 | 4,898 | 5,022 | 5,022 | 5,020 | 4,961 | 5,043 | 4,831 | 4,783 | | |
| Exports, total sawmill products | do | | | | | | | | | | | | | | | | |
| Imports, total sawmill products | thous. $m^3$ | 33,547 | [4]64,355 | 6,479 | 5,146 | 5,766 | 5,778 | 3,913 | | | | | | | | | |
| **SOFTWOODS** | | | | | | | | | | | | | | | | | |
| Douglas fir: | | | | | | | | | | | | | | | | | |
| Orders, new | mil. bd. ft | 10,031 | 9,552 | 800 | 853 | 850 | 688 | 780 | 852 | 766 | 945 | 808 | 783 | 875 | 704 | 609 | |
| Orders, unfilled, end of period | do | 636 | 501 | 540 | 583 | 527 | 506 | 501 | 560 | 530 | 559 | 527 | 537 | 559 | 546 | 420 | |
| Production | do | 10,029 | 9,620 | 806 | 815 | 949 | 754 | 766 | 850 | 779 | 912 | 845 | 785 | 780 | 707 | 734 | |
| Shipments | do | 9,943 | 9,687 | 825 | 810 | 906 | 709 | 785 | 793 | 796 | 916 | 840 | 773 | 855 | 717 | 735 | |
| Stocks (gross), mill, end of period | do | 876 | 809 | 735 | 740 | 783 | 828 | 809 | 866 | 849 | 845 | 850 | 862 | 803 | 793 | 792 | |
| Exports, total sawmill products | thous. $m^3$ | 2,202 | [4]2,781 | 245 | 200 | 186 | 241 | 472 | | | | | | | | | |
| Sawed timber | do | 344 | [4]335 | 33 | 28 | 29 | 22 | 36 | | | | | | | | | |
| Boards, planks, scantlings, etc | do | 1,859 | [4]2,450 | 213 | 172 | 158 | 220 | 436 | | | | | | | | | |
| Producer Price Index, Douglas fir, dressed | 1982=100 | 135.7 | 151.6 | 162.8 | 160.7 | 156.8 | 137.8 | 138.4 | 141.2 | 144.8 | 146.7 | 149.5 | [r]141.8 | 137.3 | 143.5 | 140.2 | 136.2 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **LUMBER AND PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| **SOFTWOODS—Continued** | | | | | | | | | | | | | | | | | |
| Southern pine: | | | | | | | | | | | | | | | | | |
| Orders, new | mil. bd. ft. | [1]12,597 | [1]12,366 | 924 | 1,184 | 885 | 960 | 859 | 1,161 | 985 | 1,155 | 1,098 | 1,015 | [r]1,233 | 1,032 | | |
| Orders, unfilled, end of period | do | 834 | 635 | 716 | 845 | 735 | 695 | 635 | 718 | 689 | 784 | 709 | 685 | 739 | 733 | | |
| Production | do | [1]12,676 | [1]12,544 | 1,049 | 1,038 | 1,054 | 990 | 904 | 1,065 | 1,006 | 1,080 | 1,121 | 1,091 | [r]1,142 | 1,021 | | |
| Shipments | do | [1]12,600 | [1]12,567 | 986 | 1,048 | 1,000 | 1,000 | 913 | 1,075 | 1,006 | 1,069 | 1,166 | 1,037 | [r]1,176 | 1,042 | | |
| Stocks (gross), mill and concentration yards, end of period | mil. bd. ft. | 2,072 | 2,050 | 2,021 | 2,014 | 2,066 | 2,059 | 2,050 | 2,038 | 2,039 | 2,050 | 2,006 | 2,058 | 2,027 | 2,006 | | |
| Exports, total sawmill products | cu. meters | 1,237,638 | [2]1,206,526 | 126,304 | 58,860 | 136,776 | 86,923 | 97,206 | | | | | | | | | |
| Producer Price Index, southern pine, dressed | 1982=100 | 112.4 | 108.0 | 107.2 | 105.5 | 112.0 | 105.8 | 105.9 | 106.9 | 110.0 | 112.4 | 116.8 | [r]119.5 | 116.1 | 116.3 | 114.1 | 110.5 |
| Western pine: | | | | | | | | | | | | | | | | | |
| Orders, new | mil. bd. ft. | 11,426 | 11,143 | 984 | 938 | 999 | 854 | 855 | 1,057 | 881 | 1,084 | 889 | 859 | 1,004 | 817 | 885 | |
| Orders, unfilled, end of period | do | 537 | 506 | 541 | 533 | 535 | 515 | 506 | 628 | 610 | 652 | 591 | 535 | 582 | 531 | 506 | |
| Production | do | 11,395 | 11,229 | 1,017 | 915 | 1,042 | 869 | 896 | 982 | 893 | 1,028 | 951 | 922 | 876 | 852 | 876 | |
| Shipments | do | 11,413 | 11,174 | 1,001 | 946 | 997 | 874 | 864 | 935 | 899 | 1,042 | 950 | 915 | 957 | 868 | 910 | |
| Stocks (gross), mill, end of period | do | 1,347 | 1,402 | 1,361 | 1,330 | 1,375 | 1,370 | 1,402 | 1,449 | 1,443 | 1,429 | 1,430 | 1,437 | 1,302 | 1,285 | 1,251 | |
| Producer Price Index, other softwood, dressed | 1982=100 | 120.1 | 127.1 | 130.0 | 128.6 | 127.9 | 126.0 | 125.8 | 126.2 | 128.2 | 129.9 | 132.7 | [r]131.3 | 129.1 | 128.3 | 125.7 | 125.4 |
| **HARDWOOD FLOORING** | | | | | | | | | | | | | | | | | |
| Oak: | | | | | | | | | | | | | | | | | |
| Orders, unfilled, end of period | mil. bd. ft. | 8.9 | 9.7 | 11.9 | 10.6 | 10.7 | 10.3 | 9.7 | 13.4 | 14.8 | 15.9 | 16.3 | 16.5 | 15.4 | 15.5 | 13.0 | 11.9 |
| Shipments | do | 193.0 | 206.5 | 19.1 | 19.0 | 16.8 | 16.6 | 15.6 | 15.9 | 16.1 | 19.9 | 16.4 | 18.7 | 18.5 | 15.4 | 19.2 | 18.7 |
| Stocks (gross), mill, end of period | do | 10.9 | 7.6 | 9.8 | 8.8 | 7.8 | 7.7 | 7.6 | 9.0 | 8.2 | 6.6 | 7.1 | 7.1 | 7.4 | 7.2 | 7.9 | 7.9 |
| **METALS AND MANUFACTURES** | | | | | | | | | | | | | | | | | |
| **IRON AND STEEL** | | | | | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | | | | | |
| Steel mill products | thous. sh. tons | 2,069 | 4,578 | 461 | 364 | 618 | 251 | 386 | 374 | 313 | 365 | 335 | 352 | 318 | 302 | 269 | |
| Scrap | do | 10,098 | 13,305 | 1,233 | 754 | 1,054 | 988 | 1,218 | 1,117 | 1,137 | 1,045 | 1,274 | 1,193 | 1,164 | 1,086 | 1,032 | |
| Pig iron | do | 71 | 12 | 1 | 2 | (3) | (3) | 5 | 2 | 1 | 2 | (3) | (3) | 3 | 3 | (3) | |
| Imports: | | | | | | | | | | | | | | | | | |
| Steel mill products | do | [1]20,891 | 17,320 | 1,531 | 1,400 | 1,714 | 1,491 | 1,028 | 1,430 | 1,111 | 1,120 | 1,313 | 1,456 | 1,466 | 1,591 | 1,629 | |
| Scrap | do | 1,038 | 1,120 | 74 | 70 | 76 | 72 | 105 | 72 | 73 | 91 | 96 | 118 | 145 | 118 | 130 | |
| Pig iron | do | 700 | 488 | 40 | 39 | 75 | 23 | 20 | 5 | 15 | 47 | 26 | 58 | 9 | 25 | 65 | |
| **Iron and Steel Scrap** | | | | | | | | | | | | | | | | | |
| Production | thous. sh. tons | [1]27,445 | 25,454 | 2,017 | 2,099 | 2,030 | 1,990 | 1,983 | 2,159 | 2,074 | 2,134 | 2,045 | [r]2,236 | 2,171 | | | |
| Receipts, net | do | [1]49,613 | 46,731 | 3,654 | 3,634 | 4,033 | 3,656 | 3,325 | 3,560 | 3,553 | 3,797 | 3,659 | [r]3,787 | 3,925 | | | |
| Consumption | do | [1]76,822 | 73,105 | 5,844 | 5,799 | 6,024 | 5,653 | 5,347 | 5,929 | 5,709 | 6,138 | 6,014 | [r]6,212 | 6,091 | | | |
| Stocks, end of period | do | 4,554 | 4,620 | 4,427 | 4,450 | 4,591 | 4,617 | 4,620 | 4,330 | 4,439 | 4,296 | 4,105 | [r]4,083 | 4,099 | | | |
| Composite price, No. 1 heavy melting scrap: American Metal Market | $ per long ton | 108.98 | 107.30 | 104.86 | 102.62 | 99.58 | 96.67 | 97.05 | 102.74 | 102.96 | 100.02 | 106.05 | 110.93 | 107.65 | 105.70 | 114.33 | |
| **Ore** | | | | | | | | | | | | | | | | | |
| Iron ore (operations in all U.S. districts): | | | | | | | | | | | | | | | | | |
| Mine production | thous. met. tons | [1]57,347 | 57,872 | 4,876 | 4,776 | 4,703 | 4,645 | 4,609 | 4,555 | 4,572 | 4,522 | 4,741 | 5,067 | 5,333 | | | |
| Shipments from mines | do | [1]56,694 | 56,530 | 6,220 | 5,437 | 5,735 | 5,520 | 4,078 | 2,021 | 1,378 | 1,976 | 5,123 | 6,299 | 6,162 | | | |
| Imports | do | 20,126 | 19,596 | 1,921 | 1,520 | 1,705 | 1,588 | 1,325 | 822 | 1,023 | 691 | 1,157 | 1,550 | | | | |
| U.S. and foreign ores and ore agglomerates: | | | | | | | | | | | | | | | | | |
| Receipts at iron and steel plants | thous. met. tons | [1]73,216 | 71,156 | 7,342 | 6,699 | 6,642 | 6,176 | 5,580 | 3,401 | 2,508 | 3,128 | 5,936 | 7,095 | 7,490 | 8,205 | 8,163 | |
| Consumption at iron and steel plants | do | [1]71,863 | 73,059 | 5,737 | 5,764 | 6,190 | 5,506 | 5,364 | 5,951 | 5,385 | 6,079 | 6,056 | 6,315 | 6,390 | 6,573 | 6,867 | |
| Exports (domestic) | do | 5,286 | [r]5,365 | 592 | 715 | 527 | 406 | 378 | 100 | 250 | 3 | 565 | 586 | | | | |
| Stocks, total, end of period | do | 23,490 | 22,476 | 22,275 | 22,588 | 21,429 | 21,448 | 22,476 | 22,088 | 21,986 | 20,958 | 20,609 | 20,501 | 21,019 | | | |
| At mines | do | 3,296 | 4,575 | 6,664 | 6,004 | 4,976 | 4,107 | 4,575 | 7,101 | 10,296 | 12,810 | 12,436 | 11,206 | 10,377 | | | |
| At furnace yards | do | 18,004 | 15,730 | 13,844 | 14,780 | 14,933 | 15,546 | 15,730 | 13,134 | 10,265 | 7,313 | 7,246 | 8,091 | 9,234 | 10,748 | 12,045 | |
| At U.S. docks | do | 2,190 | 2,171 | 1,767 | 1,804 | 1,520 | 1,795 | 2,171 | 1,853 | 1,425 | 835 | 927 | 1,204 | 1,408 | 1,828 | 1,788 | |
| Manganese (manganese content), general imports | do | 1,128 | | | | | | | | | | | | | | | |
| **Pig Iron and Iron Products** | | | | | | | | | | | | | | | | | |
| Pig iron: | | | | | | | | | | | | | | | | | |
| Production (including production of ferroalloys) | thous. sh. tons | [1]55,745 | 55,873 | 4,172 | 4,403 | 4,692 | 4,322 | 4,202 | 4,638 | 4,221 | 4,681 | 4,549 | 4,746 | 4,530 | 4,656 | 4,788 | 4,629 |
| Consumption | do | [1]59,047 | 56,335 | 4,491 | 4,546 | 4,372 | 4,146 | 4,103 | 4,359 | 3,993 | 4,319 | 4,630 | 4,768 | 4,530 | | | |
| Stocks, end of period | do | 207 | 303 | 305 | 308 | 250 | 267 | 303 | 184 | 233 | 224 | 217 | 217 | 214 | | | |
| Castings, gray and ductile iron: | | | | | | | | | | | | | | | | | |
| Shipments, total | thous. sh. tons | 9,247 | 7,490 | 639 | 579 | 639 | 565 | 453 | (4) | | | | | | | | |
| For sale | do | 6,782 | 5,323 | 475 | 426 | 453 | 395 | 324 | (4) | | | | | | | | |
| Castings, malleable iron: | | | | | | | | | | | | | | | | | |
| Shipments, total | do | 348 | 283 | 26 | 25 | 21 | 19 | 17 | (4) | | | | | | | | |
| For sale | do | 184 | 129 | 13 | 12 | 8 | 8 | 7 | (4) | | | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **METALS AND MANUFACTURES—Continued** | | | | | | | | | | | | | | | | | |
| **Steel, Raw and Semifinished** | | | | | | | | | | | | | | | | | |
| Steel (raw): | | | | | | | | | | | | | | | | | |
| Production | thous. sh. tons | [1]99,924 | [1]97,943 | 7,790 | 7,617 | 8,175 | 7,386 | 7,222 | 8,241 | 7,624 | 8,505 | 8,209 | 8,529 | 8,142 | 8,101 | 8,452 | 8,094 |
| Rate of capability utilization | percent | 89.2 | 84.5 | 79.2 | 80.0 | 83.0 | 77.4 | 73.3 | 83.1 | 85.1 | 85.7 | 85.2 | 85.7 | 84.5 | 82.0 | 85.5 | 84.6 |
| Steel castings: | | | | | | | | | | | | | | | | | |
| Shipments, total | thous. sh. tons | 1,209 | 1,137 | 101 | 85 | 97 | 85 | 79 | (4) | | | | | | | | |
| For sale, total | do | 1,095 | 1,122 | 101 | 84 | 95 | 83 | 78 | (4) | | | | | | | | |
| **Steel Mill Products** | | | | | | | | | | | | | | | | | |
| Steel products, net shipments: | | | | | | | | | | | | | | | | | |
| Total (all grades) | thous. sh. tons | [1]83,840 | 84,259 | 7,224 | 6,779 | 7,174 | 6,652 | 6,053 | 6,863 | 6,502 | 7,569 | 7,023 | 7,523 | 7,493 | 6,890 | 7,366 | |
| By product: | | | | | | | | | | | | | | | | | |
| Semifinished products | do | [1]5,975 | 6,080 | 505 | 462 | 481 | 466 | 425 | 500 | 452 | 555 | 515 | 538 | 561 | 479 | 488 | |
| Structural shapes (heavy), steel piling | do | [1]5,209 | 5,438 | 433 | 457 | 472 | 428 | 363 | 465 | 432 | 472 | 503 | 500 | 526 | 520 | 557 | |
| Plates | do | [1]7,328 | 7,293 | 661 | 585 | 620 | 593 | 548 | 680 | 630 | 695 | 684 | 718 | 708 | 657 | 694 | |
| Rails and accessories | do | [1]615 | 545 | 39 | 32 | 33 | 35 | 42 | 40 | 45 | 54 | 38 | 39 | 40 | 32 | 34 | |
| Bars and tool steel, total | do | [1]14,489 | 14,510 | 1,263 | 1,206 | 1,247 | 1,107 | 1,054 | 1,213 | 1,200 | 1,347 | 1,240 | 1,351 | 1,322 | 1,256 | 1,284 | |
| Bars: Hot rolled (including light shapes) | do | [1]7,834 | 7,672 | 632 | 625 | 660 | 562 | 554 | 638 | 668 | 721 | 700 | 738 | 696 | 704 | 713 | |
| Bars: Reinforcing | do | [1]5,092 | 5,342 | 508 | 466 | 465 | 435 | 403 | 444 | 417 | 491 | 406 | 465 | 488 | 433 | 439 | |
| Bars: Cold finished | do | 1,499 | 1,429 | 118 | 110 | 115 | 104 | 90 | 127 | 111 | 131 | 130 | 142 | 133 | 115 | 127 | |
| Pipe and tubing | do | 4,443 | 4,011 | 388 | 333 | 345 | 323 | 304 | 378 | 355 | 395 | 374 | 411 | 427 | 364 | 424 | |
| Wire-drawn and/or rolled | do | 1,073 | 1,005 | 83 | 76 | 80 | 71 | 61 | 81 | 77 | 90 | 90 | 86 | 82 | 73 | 78 | |
| Tin mill products | do | 4,069 | 4,116 | 366 | 346 | 345 | 324 | 426 | 259 | 279 | 345 | 329 | 366 | 342 | 341 | 368 | |
| Sheets and strip (including electrical), total | do | 40,639 | 41,261 | 3,485 | 3,282 | 3,551 | 3,306 | 2,829 | 3,247 | 3,032 | 3,615 | 3,250 | 3,514 | 3,485 | 3,166 | 3,439 | |
| Sheets: Hot rolled | do | 12,589 | 12,898 | 1,093 | 997 | 1,182 | 1,106 | 976 | 1,048 | 958 | 1,144 | 1,021 | 1,104 | 1,093 | 1,100 | 1,165 | |
| Sheets: Cold rolled | do | 13,871 | 13,854 | 1,163 | 1,104 | 1,120 | 1,037 | 884 | 1,073 | 1,021 | 1,221 | 1,086 | 1,187 | 1,183 | 1,051 | 1,129 | |
| By market (quarterly): | | | | | | | | | | | | | | | | | |
| Service centers and distributors | do | 18,980 | 18,185 | | 4,405 | | | 4,261 | | | 4,565 | | | 4,678 | [2]1,520 | [2]1,595 | |
| Construction, incl. maintenance | do | 6,014 | 6,861 | | 1,778 | | | 1,683 | | | 1,776 | | | 1,920 | [2]620 | [2]618 | |
| Contractors' products | do | 2,815 | 2,863 | | 737 | | | 713 | | | 673 | | | 729 | [2]219 | [2]241 | |
| Automotive | do | 12,078 | 11,180 | | 2,492 | | | 2,433 | | | 2,563 | | | 2,898 | [2]796 | [2]951 | |
| Rail transportation | do | 1,116 | 1,096 | | 262 | | | 232 | | | 251 | | | 225 | [2]73 | [2]77 | |
| Machinery, industrial equip., tools | do | 2,537 | 2,162 | | 501 | | | 470 | | | 596 | | | 551 | [2]156 | [2]173 | |
| Containers, packaging, ship. materials | do | 4,423 | 4,458 | | 1,139 | | | 1,164 | | | 998 | | | 1,156 | [2]381 | [2]407 | |
| Other | do | [1]36,011 | 37,488 | | 9,063 | | | 8,821 | | | 9,554 | | | 9,910 | [2]3,124 | [2]3,304 | |
| Producing steel mills, inventory, end of period: | | | | | | | | | | | | | | | | | |
| Total | mil. sh. tons | 13.1 | 13.0 | 13.3 | 13.3 | 13.3 | 13.0 | [r]12.9 | 13.0 | 13.1 | 12.9 | 13.1 | 13.0 | 13.0 | 13.3 | | |
| Steel in process | do | 7.9 | 7.9 | 7.9 | 7.8 | 8.0 | 7.8 | [r]7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.1 | | |
| Finished steel | do | 5.2 | 5.1 | 5.4 | 5.5 | 5.3 | 5.2 | 5.1 | 5.1 | 5.2 | 5.0 | 5.2 | 5.1 | 5.0 | 5.2 | | |
| Steel service centers (warehouses), inventory, end of period | mil. sh. tons | 6.5 | 6.9 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 | 6.4 | 6.7 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | | |
| **NONFERROUS METALS AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| Aluminum: | | | | | | | | | | | | | | | | | |
| Production, primary (dom. and foreign ores) | thous. met. tons | 3,944 | 4,030 | 341 | 323 | 328 | 328 | 343 | 345 | 311 | [r]345 | 331 | 342 | [r]330 | 340 | | |
| Recovery from scrap | do | [1]2,122 | [r]2,054 | 159 | 153 | 160 | 142 | 123 | 145 | 150 | 153 | 151 | 161 | 159 | 174 | | |
| Imports: | | | | | | | | | | | | | | | | | |
| Metal and alloys, crude | do | 1,030.6 | [3]923.0 | 91.9 | 83.6 | 65.2 | 53.9 | 54.2 | 84.4 | 73.4 | 85.4 | 85.1 | 90.4 | 94.0 | | | |
| Plates, sheets, bars, etc | do | 388.5 | [3]340.2 | 33.0 | 23.6 | 25.2 | 24.2 | 22.7 | 29.2 | 27.5 | 29.4 | 28.6 | 29.0 | 28.0 | | | |
| Exports: | | | | | | | | | | | | | | | | | |
| Metal and alloys, crude | do | 400.1 | [3]593.0 | 52.0 | 46.1 | 68.8 | 72.7 | 80.0 | 79.0 | 65.1 | 55.3 | 61.4 | 41.4 | 48.6 | | | |
| Plates, sheets, bars, etc | do | 342.5 | [3]446.1 | 41.6 | 34.5 | 33.0 | 32.2 | 27.4 | 36.7 | 34.4 | 36.3 | 40.0 | 40.0 | 40.9 | | | |
| Price, U.S. market, 99.7% purity, monthly average | $ per lb | 1.1009 | .8784 | .8137 | .7830 | .7976 | .7581 | .7356 | .6967 | .6554 | .7085 | .7156 | .7231 | .7308 | .7257 | .8035 | |
| Aluminum products: | | | | | | | | | | | | | | | | | |
| Shipments: | | | | | | | | | | | | | | | | | |
| Ingot and mill prod. (net ship.) | mil. lb | 15,453 | 15,468 | 1,369 | 1,299 | 1,278 | 1,169 | 1,071 | 1,234 | 1,154 | 1,313 | 1,224 | 1,355 | [r]1,318 | 1,260 | | |
| Mill products, total | do | 12,273 | 12,304 | 1,099 | 1,025 | 1,038 | 913 | 851 | 981 | 936 | 1,070 | 1,012 | 1,090 | [r]1,071 | 990 | | |
| Sheet and plate | do | 7,384 | 7,611 | 692 | 632 | 617 | 543 | 539 | 599 | 569 | 644 | 629 | 679 | [r]661 | 628 | | |
| Castings | do | 2,316 | 2,200 | 178 | 176 | 185 | 176 | 145 | (4) | | | | | | | | |
| Inventories, total (ingot, mill products, and scrap), end of period | mil. lb | 4,151 | 4,016 | 4,253 | 4,158 | 4,064 | 3,991 | 4,016 | 4,031 | 4,035 | 3,918 | 3,966 | 3,807 | [r]3,911 | 4,000 | | |
| Copper: | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Mine, recoverable copper | thous. met. tons | [1]1,419.6 | 1,498.2 | 127.6 | 122.5 | 125.3 | 118.3 | 123.2 | 125.8 | 114.5 | 123.1 | 123.4 | 133.2 | | | | |
| Refined from primary materials | do | [1]1,406.0 | 1,476.7 | 126.4 | 120.0 | 126.1 | 131.3 | 132.2 | 137.4 | 121.1 | 133.7 | 125.6 | 138.8 | | | | |
| Electrolytically refined: | | | | | | | | | | | | | | | | | |
| From domestic ores @ | do | [1]1,178.0 | 1,164.9 | 98.2 | 93.5 | 99.6 | 103.2 | 101.4 | 105.1 | 92.0 | 99.9 | 93.2 | 105.8 | | | | |
| From foreign ores | do | | | | | | | | | | | | | | | | |
| Electrowon | do | 228.0 | 311.7 | 28.1 | 26.5 | 26.6 | 28.1 | 30.8 | 32.3 | 29.1 | 33.8 | 32.4 | 33.0 | | | | |
| Refined from scrap | do | [1]453.3 | 476.8 | 41.4 | 40.6 | 41.3 | 35.9 | 37.1 | 37.3 | 35.2 | 37.1 | 38.5 | 40.5 | | | | |
| Imports, unmanufactured: | | | | | | | | | | | | | | | | | |
| Refined, unrefined, scrap (copper cont.) | do | 626.1 | [3]458.0 | 53.4 | 37.4 | 45.3 | 51.8 | 38.7 | 33.0 | 43.7 | 48.0 | 46.6 | | | | | |
| Refined | do | 390.4 | [3]300.1 | 24.4 | 28.1 | 30.5 | 32.3 | 16.9 | 24.7 | 15.8 | 26.5 | 25.3 | | | | | |
| Exports: | | | | | | | | | | | | | | | | | |
| Refined and scrap | do | 707.7 | [3]572.5 | 48.1 | 96.5 | 40.9 | 46.9 | 42.8 | 56.6 | 39.3 | 41.7 | 33.4 | | | | | |
| Refined | do | 66.5 | [3]133.8 | 15.8 | 23.4 | 13.7 | 6.3 | 12.1 | 18.1 | 20.8 | 12.2 | 7.6 | | | | | |
| Consumption, refined (reported by mills, etc.) | do | [1]2,210 | 2,212 | 195 | 196 | 198 | 183 | 169 | 191 | 177 | 204 | 191 | 193 | | | | |
| Stocks, refined, end of period | do | 98 | 104 | 98 | 92 | 96 | 100 | 104 | 96 | 76 | 69 | 71 | 84 | | | | |
| Price, avg. U.S. producer cathode, delivered § | $ per lb | 1.2051 | 1.3094 | 1.2743 | 1.3844 | 1.3166 | 1.1811 | 1.0922 | 1.0864 | 1.1126 | 1.2841 | 1.2694 | 1.2457 | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **METALS AND MANUFACTURES—Continued** | | | | | | | | | | | | | | | | | |
| **NONFERROUS METALS AND PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| Copper-base mill and foundry products, shipments (quarterly total): | | | | | | | | | | | | | | | | | |
| Brass mill products | mil. lb. | | | | | | | | | | | | | | | | |
| Copper wire mill products (copper content) | do | | | | | | | | | | | | | | | | |
| Brass and bronze foundry products | do | | | | | | | | | | | | | | | | |
| Lead: | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Mine, recoverable lead | thous. met. tons | 385.0 | r1410.6 | 38.6 | 34.3 | 35.1 | 32.9 | 30.1 | 38.6 | 35.3 | 36.1 | 33.7 | 37.0 | 35.0 | | | |
| Recovered from scrap (lead cont.) | do | 1737.0 | r1808.6 | 65.9 | 64.4 | 73.5 | 67.1 | 66.9 | 68.7 | 69.6 | 73.0 | 69.4 | 66.9 | 67.9 | | | |
| Imports, ore (lead content) | do | 256.6 | 3120.8 | 11.3 | 9.3 | 13.4 | 9.4 | 8.5 | 7.9 | 7.6 | 12.6 | 5.5 | 9.3 | 9.2 | | | |
| Consumption, total | do | 1,230.7 | r1,283.2 | 102.7 | 105.9 | 114.0 | 106.2 | 97.3 | 104.1 | 106.7 | 111.9 | 101.1 | r106.2 | 103.2 | | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | | |
| Producers', ore, base bullion, and in process (lead content), ABMS | thous. met. tons | 66.9 | 73.5 | 77.8 | 73.7 | 83.0 | 78.6 | 73.5 | 67.6 | 63.9 | 59.7 | 51.1 | 56.6 | 51.9 | 58.8 | 63.7 | 61.8 |
| Refiners' (primary), refined and antimonial (lead content) | thous. met. tons | 15.4 | 15.6 | 27.9 | 27.5 | 18.8 | 14.6 | 15.6 | 14.7 | 18.3 | 16.5 | 21.1 | 19.3 | 19.6 | | | |
| Consumers' (lead content) ◊ | do | 89.8 | r82.7 | 63.6 | 63.7 | 62.3 | 58.6 | r82.7 | 59.1 | 58.2 | 58.2 | 61.8 | 59.9 | 63.2 | | | |
| Scrap (lead-base, purchased), all smelters (gross weight) | thous. met. tons | 19.9 | 17.4 | 17.3 | 18.0 | 18.5 | 20.1 | 17.4 | 20.2 | 18.5 | 18.4 | 21.5 | 21.3 | 21.5 | | | |
| Price, common grade, delivered @@ | $ per lb | .3714 | .3935 | .4175 | .4363 | .4363 | .4126 | .3889 | .3981 | .4184 | .5411 | .4873 | .4521 | .4516 | .5013 | .5036 | .4947 |
| Tin: | | | | | | | | | | | | | | | | | |
| Imports (for consumption): | | | | | | | | | | | | | | | | | |
| Ore (tin content) | metric tons | 2,837 | 3216 | | | | | 37 | | | | | | | | | |
| Metal, unwrought, unalloyed | do | 43,493 | 352,639 | 4,018 | 2,734 | 3,027 | 3,862 | 3,281 | 2,746 | 2,538 | 1,805 | 2,500 | 2,601 | 3,178 | | | |
| Recovery from scrap, total (tin cont.) | do | 115,088 | r15,213 | 642 | 594 | 617 | 659 | 490 | 589 | 577 | 623 | 585 | 572 | 578 | 492 | | |
| As metal | do | 1578 | 1569 | | | | | | | | | | | | | | |
| Consumption, total | do | 145,073 | 51,600 | 4,200 | 4,100 | 4,300 | 4,000 | 3,300 | 4,000 | 4,000 | 4,200 | r4,100 | 4,200 | 4,100 | 4,100 | | |
| Primary | do | 137,008 | 39,000 | 3,200 | 3,000 | 3,200 | 3,000 | 2,300 | 3,000 | 2,900 | 3,200 | 3,100 | 3,200 | 3,100 | 3,100 | | |
| Exports (metal) | do | 1,573 | 3904 | 71 | 94 | 56 | 25 | 38 | 95 | 31 | 95 | 11 | 126 | 73 | | | |
| Stocks, pig (industrial), end of period | do | 4,943 | 6,072 | 5,872 | 6,241 | 5,313 | 5,530 | 6,072 | 5,975 | 5,824 | 6,401 | r4,959 | 3,298 | 3,792 | 3,630 | | |
| Price, Straits quality (delivered) | $ per lb | 4.4142 | 5.2018 | 5.1789 | 4.9357 | 4.7714 | 4.1880 | 4.1334 | 4.0287 | 3.8040 | 3.8771 | 3.9417 | 3.8937 | 3.7634 | 3.6730 | 3.9026 | |
| Zinc: | | | | | | | | | | | | | | | | | |
| Mine prod., recoverable zinc | thous. met. tons | 1244.3 | r1275.9 | 25.3 | 23.1 | 25.1 | 22.8 | 20.9 | 26.9 | 24.8 | 26.4 | 26.2 | 27.9 | 45.6 | 50.4 | | |
| Imports: | | | | | | | | | | | | | | | | | |
| Ores (zinc content) | do | 405.7 | 341.0 | 4.8 | 4.6 | 4.2 | 2.7 | 7.1 | 3.3 | 3.7 | 2.8 | 1.8 | 3.0 | 2.1 | | | |
| Metal (slab, blocks) | do | 740.8 | 3711.6 | 58.1 | 50.4 | 58.8 | 62.6 | 56.7 | 57.4 | 42.7 | 55.7 | 41.1 | 45.4 | 66.3 | | | |
| Consumption (recoverable zinc content): | | | | | | | | | | | | | | | | | |
| Ores | do | 2.4 | r2.1 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | | |
| Scrap, all types | do | 1253.9 | r1251.7 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.1 | 21.1 | | |
| Slab zinc: | | | | | | | | | | | | | | | | | |
| Production, total ‡ | thous. met. tons | 194.4 | 205.3 | 18.6 | 16.8 | 17.8 | 16.2 | 17.4 | 18.1 | 16.1 | 18.5 | 17.8 | 18.7 | 16.2 | 17.6 | 17.6 | 16.2 |
| Consumption, fabricators | do | 11,089.0 | r1,060.0 | 101.2 | 81.2 | 92.0 | 92.7 | 78.0 | 82.4 | 79.2 | 88.0 | 74.0 | 79.4 | 91.0 | 87.0 | | |
| Exports | do | .5 | 38.0 | 1.2 | 1.0 | .8 | 2.0 | .2 | 1.0 | .2 | .5 | .7 | .4 | .4 | | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | | |
| Producers', at smelter (ABMS) | do | 5.6 | 4.7 | 4.8 | 3.8 | 4.0 | 3.3 | 4.7 | 4.1 | 4.0 | 4.0 | 3.6 | 2.9 | 2.9 | 3.6 | 4.0 | 5.2 |
| Consumers' | do | 64.8 | 42.7 | 48.1 | 47.0 | 44.0 | 42.6 | r60.3 | 46.9 | 45.0 | 44.3 | 43.5 | r41.4 | 41.9 | 44.0 | | |
| Price, high grade | $ per lb | .6020 | .8206 | .8132 | .8108 | .7995 | .7592 | .7233 | .6763 | .6475 | .7378 | .8074 | .8560 | .8719 | .8610 | .7898 | |
| **MACHINERY AND EQUIPMENT** | | | | | | | | | | | | | | | | | |
| Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly # | mil. $ | 390.2 | 394.5 | | 99.5 | | | 77.8 | | | 96.1 | | | 93.4 | | | |
| Electric processing heating equipment | do | 62.7 | 84.3 | | 24.8 | | | 9.9 | | | 17.3 | | | 29.6 | | | |
| Fuel-fired processing heating equip. | do | 165.5 | 138.1 | | 30.0 | | | 29.1 | | | 26.7 | | | 11.7 | | | |
| Materials handling equipment, dollar value bookings index † | 1982=100 | 213.4 | 176.3 | 162.8 | 164.7 | 192.8 | 171.0 | 163.1 | r125.4 | r130.6 | r157.5 | 173.8 | 156.7 | 146.2 | | | |
| Industrial supplies, machinery, and equipment: New orders index, seas. adj. @ | 1987=100 | 105.2 | 117.4 | 115.1 | 116.6 | 122.4 | 118.0 | 113.7 | 132.3 | 126.0 | 120.0 | 123.4 | 121.8 | 124.2 | 127.4 | 125.0 | |
| Industrial suppliers distribution: | | | | | | | | | | | | | | | | | |
| Sales index, seas. adjusted | 1977=100 | 164.0 | 183.6 | 197.5 | 192.8 | 175.0 | 189.8 | 171.6 | 191.7 | 192.7 | 186.4 | 189.6 | 196.1 | 199.9 | 212.8 | 229.1 | 213.3 |
| Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) | 1977=100 | 172.2 | 182.0 | 183.1 | 184.3 | 184.9 | 185.8 | 184.5 | 186.3 | 187.1 | 187.9 | 189.9 | 189.0 | 189.1 | 189.8 | 190.1 | 190.2 |
| Fluid power products shipments indexes: | | | | | | | | | | | | | | | | | |
| Hydraulic products | 1985=100 | 129 | 144 | 147 | 140 | 145 | 141 | 133 | 143 | 138 | 158 | 147 | 142 | 143 | r131 | 140 | 135 |
| Pneumatic products | do | 120 | 133 | 141 | 126 | 134 | 129 | 115 | 130 | 127 | 150 | 126 | 135 | 135 | r123 | 135 | 124 |
| Machine tools: | | | | | | | | | | | | | | | | | |
| Metal cutting type tools: | | | | | | | | | | | | | | | | | |
| Orders, new (net), total | mil. $ | 2,707.90 | 1,976.35 | 156.25 | 192.45 | 144.90 | 128.90 | 158.55 | 141.15 | 116.30 | 198.20 | 206.65 | 137.80 | 188.60 | 146.75 | r228.55 | 209.00 |
| Domestic | do | 2,315.75 | 1,722.80 | 120.70 | 174.50 | 135.70 | 108.15 | 135.20 | 117.70 | 100.45 | 132.60 | 187.45 | 116.80 | 151.20 | 132.55 | r212.20 | 190.60 |
| Shipments, total | do | 1,574.55 | 2,358.60 | 169.90 | 228.50 | 183.55 | 228.60 | 312.75 | 162.20 | 169.50 | 214.15 | 168.95 | 194.15 | 275.70 | 161.80 | r155.75 | 189.75 |
| Domestic | do | 1,400.10 | 2,059.20 | 147.20 | 188.75 | 161.95 | 201.10 | 260.40 | 143.40 | 143.60 | 179.80 | 141.65 | 172.30 | 240.10 | 144.00 | r135.85 | 168.10 |
| Order backlog, end of period | do | 1,805.5 | 1,423.3 | 1,751.9 | 1,715.8 | 1,677.2 | 1,577.5 | 1,423.3 | 1,402.2 | 1,349.0 | 1,333.1 | 1,370.8 | 1,314.4 | 1,227.4 | 1,212.3 | r1,285.1 | 1,304.4 |
| Metal forming type tools: | | | | | | | | | | | | | | | | | |
| Orders, new (net), total | do | 882.95 | 831.60 | 70.85 | 110.15 | 60.10 | 55.50 | 47.75 | 60.15 | 78.25 | 67.65 | 82.60 | 68.65 | 76.65 | 87.50 | r48.25 | 55.20 |
| Domestic | do | 749.35 | 719.05 | 70.45 | 105.00 | 47.05 | 40.05 | 42.20 | 41.50 | 56.70 | 56.95 | 77.25 | 64.50 | 69.90 | 81.40 | r47.95 | 45.90 |
| Shipments, total | do | 824.55 | 837.00 | 55.90 | 53.50 | 68.00 | 85.10 | 66.60 | 64.15 | 98.50 | 74.75 | 89.15 | 78.80 | 74.55 | 71.60 | r75.60 | 108.95 |
| Domestic | do | 702.20 | 704.15 | 49.75 | 44.45 | 58.80 | 64.15 | 57.85 | 55.65 | 89.70 | 66.45 | 76.70 | 71.00 | 70.85 | 67.35 | r61.30 | 94.30 |
| Order backlog, end of period | do | 385.7 | 380.3 | 380.0 | 436.6 | 428.8 | 399.2 | 380.3 | 376.3 | 356.0 | 348.9 | 342.4 | 332.2 | 334.4 | 350.2 | r322.9 | 269.2 |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **METALS AND MANUFACTURES—Continued** | | | | | | | | | | | | | | | | | |
| **MACHINERY AND EQUIPMENT—Continued** | | | | | | | | | | | | | | | | | |
| Tractors used in construction, shipments, qtrly: | | | | | | | | | | | | | | | | | |
| Tracklaying (ex. shovel loaders) | units | 12,117 | 10,846 | | 2,570 | | | 2,338 | | | (3) | | | | | | |
| | mil. $ | 1,167.1 | 1,183.7 | | 270.7 | | | 269.6 | | | (3) | | | | | | |
| Wheel (contractors' off-highway) | units | 5,110 | 4,545 | | 1,082 | | | 1,038 | | | (3) | | | | | | |
| | mil. $ | 416.1 | 383.2 | | 94.1 | | | 92.6 | | | (3) | | | | | | |
| Shovel loaders | units | 61,938 | 60,855 | | 14,166 | | | 15,117 | | | (3) | | | | | | |
| | mil. $ | 2,092.1 | 2,225.7 | | 502.4 | | | 559.9 | | | (3) | | | | | | |
| **ELECTRICAL EQUIPMENT** | | | | | | | | | | | | | | | | | |
| Batteries (auto.-type replacement), shipments | thous | 63,487 | 64,433 | 6,295 | 6,357 | 6,685 | 6,114 | 6,714 | 5,989 | 3,758 | 4,790 | 4,599 | 4,502 | 4,908 | 5,127 | 6,475 | 6,477 |
| Radio sets, production, total market ‡‡ | thous | 23,623 | [1]25,254 | 2,712 | 2,454 | 2,578 | 2,567 | 1,563 | 1,374 | 1,344 | 1,547 | 1,415 | 1,411 | 1,673 | 1,619 | 1,974 | |
| Television sets (incl. combination models), production, total market ‡‡ | thous | 20,170 | 24,859 | 2,071 | 2,520 | 2,233 | 2,074 | 2,308 | 1,661 | 1,843 | 2,321 | 1,589 | 1,758 | 2,214 | 1,374 | 1,890 | |
| Household major appliances, industry shipments # | thous | [1]47,070 | [1]46,567 | 3,832 | 3,971 | 3,834 | 3,719 | 3,502 | 3,675 | 3,530 | 4,286 | 3,670 | 3,970 | 4,153 | 3,480 | 3,287 | 3,353 |
| Air conditioners (room) | do | [1]4,637 | [1]5,091 | 148 | 170 | 97 | 101 | 275 | 259 | 540 | 822 | 655 | 764 | 604 | 260 | 82 | 54 |
| Dishwashers | do | 3,907 | [1]3,668 | 319 | 303 | 338 | 328 | 301 | 308 | 272 | 313 | 280 | 308 | 335 | 298 | 321 | 303 |
| Disposers (food waste) | do | 4,233 | 4,363 | 363 | 434 | 426 | 369 | 299 | 362 | 360 | 394 | 297 | 347 | 431 | 306 | 348 | 419 |
| Microwave ovens/ranges | do | 10,988 | [1]10,598 | 956 | 1,075 | 958 | 1,036 | 940 | 822 | 676 | 764 | 644 | 521 | 586 | 472 | 587 | 676 |
| Ranges | do | [1]3,202 | [1]3,048 | 276 | 258 | 275 | 291 | 242 | 234 | 225 | 266 | 241 | 257 | 262 | 242 | 252 | 248 |
| Refrigerators | do | [1]7,227 | [1]7,099 | 687 | 627 | 614 | 546 | 494 | 470 | 487 | 602 | 527 | 643 | 765 | 790 | 656 | 626 |
| Freezers | do | [1]1,349 | [1]1,219 | 144 | 123 | 95 | 84 | 90 | 99 | 80 | 88 | 90 | 103 | 126 | 155 | 136 | 123 |
| Washers | do | [1]6,190 | [1]6,252 | 524 | 545 | 582 | 535 | 474 | 611 | 480 | 550 | 500 | 538 | 566 | 518 | 515 | 518 |
| Dryers, including gas | do | 4,601 | [1]4,574 | 377 | 410 | 432 | 398 | 361 | 461 | 343 | 370 | 323 | 353 | 359 | 345 | 357 | 359 |
| Vacuum cleaners (qtrly.) | do | 10,652 | 11,373 | | 3,224 | | | 2,652 | | | 3,067 | | | 2,348 | | | |
| **GAS EQUIPMENT (RESIDENTIAL)** | | | | | | | | | | | | | | | | | |
| Furnaces, warm air, shipments | thous | 2,092 | 2,162 | 216 | 246 | 251 | 196 | 165 | 156 | 124 | 136 | 124 | 129 | 145 | 167 | 188 | |
| Ranges, total, shipments | do | 2,227 | 2,167 | 191 | 181 | 200 | 215 | 194 | 185 | 161 | 192 | 181 | 177 | 184 | 167 | 168 | 190 |
| Water heaters (storage), automatic, shipments | do | 3,956 | 4,130 | 295 | 309 | 397 | 365 | 398 | 318 | 324 | 360 | 328 | 308 | 324 | 294 | 299 | |
| **PETROLEUM, COAL, AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| **COAL** | | | | | | | | | | | | | | | | | |
| Anthracite: | | | | | | | | | | | | | | | | | |
| Production | thous. sh. tons | 3,555 | 3,519 | 311 | 299 | 373 | 339 | 291 | 237 | 221 | 259 | 297 | 329 | 327 | 277 | 345 | 323 |
| Exports | thous. met. tons | 817 | [2]677 | 14 | 72 | 58 | 85 | 9 | | | | | | | | | |
| Producer Price Index | 1982=100 | 101.2 | 103.4 | 103.2 | 103.2 | 103.5 | 104.3 | 104.5 | 106.0 | 106.0 | 106.0 | 105.5 | r104.8 | 104.0 | 104.0 | 104.5 | 104.4 |
| Bituminous and lignite: | | | | | | | | | | | | | | | | | |
| Production | thous. sh. tons | 946,711 | 971,218 | 90,824 | 84,618 | 87,657 | 85,043 | 72,554 | 90,304 | 81,796 | 91,357 | 83,350 | 86,615 | 84,720 | 80,933 | 93,213 | 84,322 |
| Consumption, total | do | r883,664 | 889,491 | 80,148 | 72,393 | 71,180 | 71,543 | 83,410 | 76,650 | 68,249 | 71,030 | | | | | | |
| Electric power utilities | do | r758,372 | 765,820 | r70,471 | r62,889 | r60,541 | 60,896 | 72,267 | 66,060 | 58,003 | 60,616 | 57,661 | 59,042 | | | | |
| Industrial, total | do | r118,162 | 117,503 | 9,227 | 9,185 | 10,428 | 10,116 | 9,959 | 9,878 | 9,592 | 9,864 | | | | | | |
| Coke plants (oven and beehive) | do | r41,910 | 41,369 | 3,336 | 3,320 | 3,599 | 3,301 | 3,195 | 3,354 | 3,025 | 3,369 | | | | | | |
| Residential and commercial | do | r7,130 | 6,167 | 449 | 318 | 210 | 530 | 1,184 | 712 | 655 | 550 | | | | | | |
| Stocks, end of period, total | do | r158,413 | 146,120 | 144,959 | 147,154 | 153,362 | 157,790 | 146,120 | 148,718 | 153,905 | 161,433 | | | | | | |
| Electric power utilities | do | r146,507 | 135,894 | r133,932 | r135,629 | r142,270 | 147,131 | 135,894 | 138,358 | 143,413 | 150,808 | 156,318 | 163,233 | | | | |
| Industrial, total | do | r11,905 | 10,227 | 11,027 | 11,525 | 11,092 | 10,660 | 10,227 | 10,360 | 10,492 | 10,625 | | | | | | |
| Oven-coke plants | do | r3,137 | 2,864 | 3,591 | 3,707 | 3,426 | 3,145 | 2,864 | 3,123 | 3,382 | 3,641 | | | | | | |
| Exports excluding lignite | thous. met. tons | 85,282 | [2]90,753 | 7,351 | 8,691 | 8,370 | 8,776 | 7,146 | | | | | | | | | |
| Producer Price Index | 1982=100 | 95.3 | 95.4 | 96.5 | 96.4 | 97.0 | 97.6 | 97.1 | 97.7 | 96.2 | 96.3 | 96.6 | r97.6 | 97.9 | 97.7 | 97.2 | 97.2 |
| **COKE** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Beehive and oven (byproduct) | thous. sh. tons | 32,405 | 33,015 | | 8,302 | | | 8,181 | | | 7,364 | | | | | | |
| Petroleum coke § | do | 39,811 | 39,533 | 3,487 | 3,270 | 3,252 | 3,104 | 3,227 | 3,336 | 3,142 | 3,329 | 3,278 | 3,354 | 3,288 | 3,433 | | |
| Stocks, end of period: | | | | | | | | | | | | | | | | | |
| Oven-coke plants, total | do | 1,583 | 1,919 | | 1,763 | | | 1,919 | | | 1,972 | | | | | | |
| At furnace plants | do | 1,420 | 1,703 | | 1,601 | | | 1,703 | | | 1,777 | | | | | | |
| At merchant plants | do | 163 | 216 | | 162 | | | 216 | | | 195 | | | | | | |
| Petroleum coke | do | 1,558 | 1,720 | 1,642 | 1,724 | 1,736 | 1,765 | 1,720 | 1,846 | 1,889 | 1,791 | 1,885 | 1,998 | 1,721 | 1,505 | | |
| Exports | thous. met. tons | 1,011 | [2]1,043 | 63 | 51 | 196 | 65 | 122 | | | | | | | | | |
| **PETROLEUM AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| Crude petroleum: | | | | | | | | | | | | | | | | | |
| Producer Price Index | 1982=100 | 46.2 | 56.3 | 53.5 | 56.2 | 57.6 | 57.6 | 59.8 | 64.3 | 65.0 | 60.0 | 52.6 | 54.5 | 48.0 | 46.1 | 74.9 | 90.2 |
| Gross input to crude oil distillation units | mil. bbl | 4,921.6 | 4,959.7 | 434.7 | 416.9 | 419.5 | 406.5 | 410.6 | 422.5 | 487.6 | 420.9 | 410.3 | 420.7 | 416.6 | 446.3 | | |
| Refinery operating ratio | % of capacity | 84 | 86 | 89 | 88 | 86 | 86 | 84 | 88 | 88 | 84 | 85 | 87 | 89 | 93 | | |
| All oils, supply, demand, and stocks: | | | | | | | | | | | | | | | | | |
| New supply, total ◊ | mil. bbl | 6,301.7 | 6,304.7 | 547.5 | 512.9 | 535.8 | 522.7 | 505.6 | 566.0 | 487.0 | 524.2 | 499.2 | 544.8 | 518.7 | 545.1 | | |
| Production: | | | | | | | | | | | | | | | | | |
| Crude petroleum | do | 2,979.1 | 2,778.8 | 233.9 | 226.4 | 231.0 | 226.1 | 227.4 | 233.2 | 209.0 | 229.2 | 219.9 | 225.0 | 212.3 | 221.5 | | |
| Natural gas plant liquids | do | 614.2 | 586.1 | 48.4 | 46.4 | 47.4 | 46.4 | 43.3 | 49.3 | 45.6 | 49.3 | 46.6 | 48.9 | 45.8 | 48.0 | | |
| Imports: | | | | | | | | | | | | | | | | | |
| Crude and unfinished oils | do | 2,021.6 | 2,283.7 | 216.2 | 195.2 | 204.4 | 197.0 | 178.4 | 182.8 | 177.0 | 203.5 | 184.2 | 215.2 | 207.9 | 224.3 | | |
| Refined products | do | 686.8 | 656.2 | 49.1 | 44.8 | 52.9 | 53.2 | 56.5 | 75.3 | 55.5 | 42.1 | 48.5 | 55.6 | 52.8 | 51.4 | | |
| Change in stocks, all oils | do | −10.2 | −15.8 | 5.5 | 13.0 | −9.4 | 5.2 | −81.7 | 48.6 | 7.3 | 45.5 | −35.7 | −22.8 | 66.7 | −26.9 | | |
| Product demand, total | do | 6,623.4 | 6,634.9 | 568.0 | 523.5 | 560.9 | 548.5 | 617.6 | 548.0 | 499.6 | 556.8 | 522.8 | 543.5 | 537.4 | 544.1 | | |
| Exports: | | | | | | | | | | | | | | | | | |
| Crude petroleum | do | 56.7 | 51.7 | 5.0 | 1.0 | 1.9 | 3.6 | 7.6 | 4.1 | 2.9 | 4.1 | 3.3 | 3.5 | 2.7 | 2.8 | | |
| Refined products | do | 241.0 | 259.5 | 24.9 | 18.7 | 22.6 | 25.6 | 25.4 | 17.8 | 20.1 | 23.2 | 19.4 | 17.9 | 21.4 | 18.8 | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **PETROLEUM, COAL, AND PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| **PETROLEUM AND PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| All oils, supply, demand, and stocks—Continued | | | | | | | | | | | | | | | | | |
| Domestic product demand, total # | mil. bbl | 6,325.7 | 6,323.7 | 538.2 | 503.9 | 536.4 | 519.3 | 584.6 | 526.0 | 476.7 | 529.6 | 500.0 | 522.1 | 513.4 | 522.5 | | |
| Gasoline | do | 2,694.8 | 2,684.1 | 240.5 | 218.0 | 227.0 | 221.4 | 230.3 | 207.5 | 200.3 | 227.8 | 214.2 | 227.3 | 225.3 | 230.8 | | |
| Kerosene | do | 35.2 | 30.8 | 1.3 | 1.3 | 2.7 | 3.1 | 4.8 | 3.5 | 3.6 | 2.7 | 2.0 | 1.3 | 1.5 | 1.5 | | |
| Distillate fuel oil | do | 1,142.5 | 1,152.2 | 91.9 | 86.7 | 96.9 | 99.3 | 121.3 | 98.5 | 91.0 | 101.2 | 91.8 | 89.8 | 88.5 | 83.5 | | |
| Residual fuel oil | do | 504.3 | 500.1 | 34.8 | 30.3 | 40.0 | 37.2 | 58.0 | 48.4 | 39.9 | 37.3 | 34.3 | 37.9 | 40.5 | 39.6 | | |
| Jet fuel | do | 530.2 | 543.6 | 46.0 | 45.5 | 45.7 | 45.6 | 54.1 | 48.1 | 41.1 | 44.1 | 44.6 | 45.6 | 43.7 | 42.1 | | |
| Lubricants | do | 56.6 | 58.1 | 5.0 | 4.7 | 5.2 | 4.4 | 3.7 | 5.0 | 5.2 | 5.6 | 4.4 | 4.7 | 4.1 | 4.6 | | |
| Asphalt | do | 171.2 | 165.2 | 24.9 | 19.5 | 19.7 | 12.0 | 5.7 | 6.9 | 5.9 | 8.7 | 10.5 | 16.7 | 20.4 | 21.1 | | |
| Liquefied petroleum gases | do | 606.1 | 608.9 | 44.4 | 48.9 | 54.7 | 52.0 | 61.2 | 51.4 | 44.8 | 50.2 | 45.8 | 43.9 | 36.7 | 42.8 | | |
| Stocks, end of period, total | do | 1,597.2 | 1,581.4 | 1,654.4 | 1,667.4 | 1,658.0 | 1,663.2 | 1,581.4 | 1,631.6 | 1,638.9 | 1,643.5 | 1,639.9 | 1,617.1 | 1,683.8 | 1,710.6 | | |
| Crude petroleum | do | 889.9 | 921.1 | 916.3 | 912.0 | 914.3 | 930.5 | 921.1 | 932.9 | 924.0 | 955.9 | 953.1 | 968.7 | 970.9 | 966.2 | | |
| Strategic petroleum reserve | do | 559.5 | 579.9 | 575.4 | 577.1 | 578.3 | 579.5 | 579.9 | 580.6 | 580.9 | 582.3 | 583.4 | 568.2 | 586.7 | 586.7 | | |
| Unfinished oils, natural gasoline, etc | do | 145.8 | 152.0 | 156.2 | 159.1 | 162.7 | 160.3 | 152.0 | 152.6 | 159.0 | 160.4 | 156.0 | 164.6 | 164.1 | 161.6 | | |
| Refined products | do | 561.6 | 508.3 | 581.8 | 596.2 | 581.0 | 572.4 | 508.3 | 546.1 | 556.0 | 527.2 | 530.8 | 537.8 | 548.8 | 582.8 | | |
| Refined petroleum products: | | | | | | | | | | | | | | | | | |
| Gasoline (incl. aviation): | | | | | | | | | | | | | | | | | |
| Production | do | 2,555.2 | 2,550.7 | 222.8 | 213.0 | 213.0 | 212.1 | 213.9 | 214.0 | 196.0 | 205.6 | 203.6 | 205.4 | 213.4 | 224.9 | | |
| Stocks, end of period | do | 192.0 | 179.1 | 183.8 | 187.5 | 184.8 | 187.1 | 179.1 | 197.6 | 203.3 | 187.9 | 186.3 | 180.3 | 177.7 | 182.0 | | |
| Prices, regular grade (excl. aviation): | | | | | | | | | | | | | | | | | |
| Producer Price Index | 1982=100 | 58.2 | 67.1 | 64.7 | 67.1 | 67.3 | 63.6 | 61.6 | 69.0 | 67.1 | 67.6 | 70.5 | 71.6 | 73.8 | 73.5 | 85.0 | 95.0 |
| Retail, U.S. city average (BLS): | | | | | | | | | | | | | | | | | |
| Leaded | $ per gal | .900 | .997 | 1.034 | 1.007 | 1.001 | .975 | .961 | 1.006 | 1.011 | .999 | 1.027 | 1.044 | 1.077 | 1.089 | 1.198 | 1.297 |
| Unleaded | do | .946 | 1.022 | 1.057 | 1.029 | 1.027 | .999 | .980 | 1.042 | 1.037 | 1.023 | 1.044 | 1.061 | 1.088 | 1.084 | 1.190 | 1.294 |
| Aviation gasoline: | | | | | | | | | | | | | | | | | |
| Production | mil. bbl | 9.3 | 9.2 | 1.0 | 1.0 | .9 | .8 | .5 | .5 | .6 | .6 | .7 | .9 | .9 | .8 | | |
| Stocks, end of period | do | 2.1 | 2.1 | 1.8 | 1.9 | 2.2 | 2.1 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 1.9 | 1.8 | 1.7 | | |
| Kerosene: | | | | | | | | | | | | | | | | | |
| Production | do | 28.8 | 26.9 | 1.7 | 2.4 | 2.3 | 2.8 | 2.7 | 4.1 | 2.7 | 2.2 | 1.9 | 1.6 | .9 | 2.3 | | |
| Stocks, end of period | do | 7.3 | 5.1 | 6.5 | 7.6 | 7.5 | 7.5 | 5.1 | 6.5 | 5.7 | 5.1 | 5.2 | 5.5 | 5.1 | 6.0 | | |
| Producer Price Index (light distillate) | 1982=100 | 51.6 | 57.8 | 55.5 | 58.1 | 60.9 | 63.8 | 64.2 | 76.3 | 69.1 | 62.0 | 60.9 | r59.4 | 57.1 | 56.6 | 65.5 | 87.8 |
| Distillate fuel oil: | | | | | | | | | | | | | | | | | |
| Production | mil. bbl | 1,046.3 | 1,058.0 | 90.1 | 88.6 | 90.1 | 91.9 | 101.3 | 97.2 | 77.1 | 82.3 | 84.1 | 89.1 | 89.8 | 93.2 | | |
| Imports | do | 110.4 | 111.7 | 7.9 | 7.5 | 8.1 | 9.2 | 10.1 | 15.5 | 10.0 | 8.7 | 9.2 | 6.4 | 7.7 | 7.1 | | |
| Stocks, end of period | do | 123.5 | 105.7 | 116.3 | 123.2 | 121.7 | 119.8 | 105.7 | 118.0 | 112.2 | 99.7 | 99.5 | 102.8 | 109.4 | 125.2 | | |
| Producer Price Index (middle distillate) | 1982=100 | 49.5 | 58.4 | 53.5 | 59.3 | 64.0 | 64.4 | 68.1 | 85.3 | 59.4 | 60.4 | 61.0 | 58.4 | 53.0 | 51.6 | 72.2 | 87.3 |
| Residual fuel oil: | | | | | | | | | | | | | | | | | |
| Production | mil. bbl | 338.7 | 348.1 | 28.0 | 25.7 | 31.0 | 32.3 | 35.3 | 35.0 | 29.7 | 30.2 | 26.4 | 27.2 | 27.8 | 30.6 | | |
| Imports | do | 235.9 | 229.6 | 15.5 | 13.6 | 18.1 | 16.3 | 21.1 | 25.1 | 17.9 | 10.4 | 16.6 | 15.7 | 16.1 | 16.6 | | |
| Stocks, end of period | do | 44.6 | 43.8 | 44.5 | 49.4 | 50.9 | 52.4 | 43.8 | 49.7 | 51.5 | 46.2 | 49.0 | 49.6 | 46.8 | 49.0 | | |
| Producer Price Index | 1982=100 | 41.1 | 47.6 | 48.1 | 46.8 | 48.2 | 49.2 | 51.9 | 57.8 | 55.6 | 55.2 | 51.8 | 50.0 | 43.1 | 41.3 | 45.4 | 59.3 |
| Jet fuel: | | | | | | | | | | | | | | | | | |
| Production | mil. bbl | 501.3 | 512.1 | 44.6 | 43.3 | 46.6 | 45.4 | 42.0 | 46.1 | 42.0 | 44.2 | 40.0 | 42.3 | 40.7 | 43.4 | | |
| Stocks, end of period | do | 43.8 | 40.9 | 48.3 | 47.9 | 50.2 | 51.2 | 40.9 | 42.8 | 46.4 | 48.9 | 46.8 | 46.8 | 47.3 | 50.9 | | |
| Lubricants: | | | | | | | | | | | | | | | | | |
| Production | do | 62.3 | 61.4 | 5.3 | 4.8 | 4.4 | 5.0 | 4.5 | 4.8 | 4.6 | 5.0 | 5.2 | 5.1 | 4.7 | 5.4 | | |
| Stocks, end of period | do | 13.3 | 13.8 | 14.5 | 14.3 | 13.3 | 13.3 | 13.8 | 13.6 | 13.0 | 12.3 | 12.4 | 12.3 | 12.4 | 13.0 | | |
| Asphalt: | | | | | | | | | | | | | | | | | |
| Production | do | 162.1 | 154.9 | 18.3 | 18.2 | 14.7 | 11.3 | 7.8 | 7.8 | 9.1 | 10.7 | 11.5 | 14.9 | 17.1 | 19.4 | | |
| Stocks, end of period | do | 20.8 | 20.6 | 21.7 | 21.9 | 17.8 | 18.0 | 20.6 | 22.2 | 26.0 | 28.5 | 29.9 | 29.1 | 27.0 | 26.3 | | |
| Liquefied petroleum gases: | | | | | | | | | | | | | | | | | |
| Production, total | do | 665.2 | 653.5 | 55.4 | 52.2 | 52.0 | 49.3 | 46.0 | 52.7 | 49.9 | 54.5 | 52.1 | 54.6 | 51.7 | 54.2 | | |
| At gas processing plants (L.P.G.) | do | 482.6 | 451.3 | 36.7 | 35.1 | 36.3 | 35.6 | 33.2 | 38.3 | 35.1 | 37.8 | 35.5 | 37.0 | 34.4 | 36.3 | | |
| At refineries (L.R.G.) | do | 182.6 | 202.2 | 18.7 | 17.1 | 15.7 | 13.7 | 12.8 | 14.4 | 14.8 | 16.7 | 16.6 | 17.6 | 17.3 | 18.0 | | |
| Stocks (at plants and refineries) | do | 97.3 | 80.2 | 126.2 | 124.8 | 115.1 | 103.4 | 80.2 | 76.1 | 76.7 | 78.0 | 82.0 | 90.7 | 104.2 | 112.3 | | |
| **PULP, PAPER, AND PAPER PRODUCTS** | | | | | | | | | | | | | | | | | |
| **PULPWOOD** | | | | | | | | | | | | | | | | | |
| Receipts | thous. cords (128 cu.ft.) | r95,537 | r99,279 | 8,946 | 8,491 | 8,876 | 8,202 | 7,844 | 8,741 | 8,215 | 8,260 | 8,138 | 8,014 | 8,006 | 8,395 | | |
| Consumption | do | r95,497 | r98,414 | 8,498 | 8,167 | 8,331 | 8,070 | 7,936 | 8,553 | 8,108 | 8,341 | 8,260 | 8,113 | 8,042 | 8,467 | | |
| Inventories, end of period | do | 4,888 | 5,462 | 4,415 | 4,891 | 5,405 | 5,581 | 5,462 | 5,571 | 5,597 | 5,433 | 5,209 | 5,177 | 5,167 | 5,106 | | |
| **WASTE PAPER** | | | | | | | | | | | | | | | | | |
| Consumption | thous. sh. tons | r19,021 | r20,010 | 1,726 | 1,669 | 1,760 | 1,674 | 1,596 | 1,768 | 1,617 | 1,805 | 1,739 | r1,800 | 1,798 | 1,752 | | |
| Inventories, end of period | do | 1,044 | 1,095 | 1,096 | 1,083 | 1,082 | 1,111 | 1,095 | 1,107 | 1,054 | 1,031 | r1,007 | r1,017 | r1,031 | 1,043 | | |
| **WOODPULP** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Total | thous. sh. tons | r61,161 | r61,998 | 5,301 | 5,063 | 5,295 | 5,021 | 4,991 | 5,480 | 4,988 | 5,272 | 5,254 | 5,156 | r5,175 | 5,490 | | |
| Dissolving pulp | do | 1,367 | 1,425 | 108 | 128 | 110 | 133 | 117 | 125 | 89 | 123 | 98 | 103 | 114 | 107 | | |
| Paper grades chemical pulp | do | 49,493 | 50,181 | 4,322 | 4,069 | 4,276 | 4,032 | 3,995 | 4,418 | 4,050 | 4,275 | 4,220 | 4,158 | r4,202 | 4,457 | | |
| Groundwood and thermo-mechanical | do | 5,943 | 6,029 | 511 | 505 | 530 | 505 | 523 | 548 | 509 | 509 | 540 | 522 | 519 | 555 | | |
| Semi-chemical | do | 4,358 | 4,363 | 359 | 361 | 379 | 351 | 357 | 389 | 340 | 365 | 397 | 373 | 341 | 371 | | |
| Inventories, end of period: | | | | | | | | | | | | | | | | | |
| Producers' own use | do | 172 | 193 | 193 | 205 | 187 | 188 | 193 | 192 | 215 | 202 | 196 | 184 | 214 | 209 | | |
| Producers' market | do | 261 | 342 | 353 | 364 | 383 | 446 | 342 | 518 | 531 | 487 | 455 | 451 | r438 | 521 | | |
| Consumers' purchased | do | 622 | 519 | 591 | 590 | 551 | 529 | 519 | 539 | 542 | 475 | 431 | 437 | 485 | 432 | | |
| Exports, all grades, total | thous. met. tons | r5,160 | r5,653 | 484 | 497 | 455 | 314 | 530 | | | | | | | | | |
| Dissolving and special alpha | do | 785 | 759 | 74 | 55 | 61 | 48 | 82 | | | | | | | | | |
| All other | do | r4,373 | r4,896 | 410 | 442 | 395 | 266 | 449 | | | | | | | | | |
| Imports, all grades, total | do | r4,506 | r4,673 | 428 | 389 | 401 | 352 | 362 | | | | | | | | | |
| Dissolving and special alpha | do | 126 | 162 | 19 | 19 | 7 | 5 | 15 | | | | | | | | | |
| All other | do | r4,381 | r4,513 | 409 | 371 | 394 | 347 | 347 | | | | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **PULP, PAPER, AND PAPER PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| **PAPER AND PAPER PRODUCTS** | | | | | | | | | | | | | | | | | |
| Paper and board: | | | | | | | | | | | | | | | | | |
| Production (API): | | | | | | | | | | | | | | | | | |
| Total | thous. sh. tons | 76,466 | r76,713 | r6,635 | r6,300 | r6,629 | r6,382 | r6,153 | r6,686 | r6,117 | r6,692 | 6,371 | 6,576 | 6,440 | r6,559 | 6,708 | ..... |
| Paper | do | 38,363 | r38,256 | r3,316 | r3,180 | r3,381 | r3,241 | r3,080 | r3,373 | r3,119 | r3,340 | 3,168 | 3,284 | r3,178 | r3,281 | 3,402 | ..... |
| Paperboard | do | 38,103 | 38,456 | r3,319 | r3,120 | r3,248 | r3,141 | 3,073 | 3,313 | 2,998 | 3,352 | 3,202 | 3,292 | 3,262 | r3,277 | 3,306 | ..... |
| Producer Price Indexes: | | | | | | | | | | | | | | | | | |
| Paperboard | 1982=100 | 133.2 | 140.1 | 140.0 | 139.7 | 139.8 | 139.7 | 140.0 | 139.2 | 138.9 | 138.9 | 137.6 | r136.0 | 135.4 | 134.9 | 133.3 | 133.1 |
| Building paper and board | do | 113.3 | 115.6 | 116.2 | 116.3 | 116.6 | 117.0 | 116.9 | 116.6 | 116.0 | 115.5 | 113.7 | r113.4 | 112.4 | 111.5 | 110.5 | 110.0 |
| Selected types of paper (API): | | | | | | | | | | | | | | | | | |
| Groundwood paper: | | | | | | | | | | | | | | | | | |
| Orders, new | thous. sh. tons | r1,654 | r1,773 | r167 | r176 | r150 | r128 | r149 | r160 | r149 | r125 | 115 | 158 | 173 | r155 | 170 | ..... |
| Orders, unfilled, end of period | do | 208 | r210 | r215 | r237 | r210 | r195 | r210 | r189 | r197 | r185 | 140 | 170 | r194 | r197 | 216 | ..... |
| Shipments | do | r1,624 | r1,743 | r151 | r151 | r166 | r152 | r122 | r156 | r141 | r149 | 140 | 138 | 141 | r150 | 152 | ..... |
| Coated papers: | | | | | | | | | | | | | | | | | |
| Orders, new | do | r7,412 | r7,284 | r661 | r635 | r669 | r554 | r586 | r616 | r537 | r647 | 648 | 614 | r648 | r639 | 670 | ..... |
| Orders, unfilled, end of period | do | 751 | r824 | r851 | r879 | r863 | r834 | r824 | r672 | 622 | 658 | 728 | 761 | 788 | r800 | 809 | ..... |
| Shipments | do | 7,359 | r7,215 | r654 | r613 | r655 | r617 | r587 | r649 | r584 | r618 | 562 | 620 | 601 | r625 | 661 | ..... |
| Uncoated free sheet: | | | | | | | | | | | | | | | | | |
| Orders, new | do | r11,298 | r11,170 | r1,022 | r955 | r1,001 | r971 | r915 | r944 | r971 | r1,042 | 977 | 1,007 | r989 | r909 | 998 | ..... |
| Shipments | do | r11,277 | r11,081 | r956 | r890 | r975 | r934 | r865 | r1,000 | r935 | r990 | 958 | 957 | 904 | r946 | 975 | ..... |
| Unbleached kraft papers: | | | | | | | | | | | | | | | | | |
| Shipments | thous. sh. tons | r2,800 | r2,681 | 227 | 210 | 239 | 241 | 216 | r215 | 185 | 196 | 187 | 206 | 208 | r208 | 198 | ..... |
| Tissue paper, production | do | 5,476 | r5,636 | r485 | 473 | 489 | 474 | 460 | 474 | 452 | 500 | 467 | 494 | 479 | r482 | 501 | ..... |
| Newsprint: | | | | | | | | | | | | | | | | | |
| Canada: † | | | | | | | | | | | | | | | | | |
| Production | thous. metric tons | 9,840 | 9,640 | 837 | 760 | 846 | 788 | 767 | 797 | 747 | 794 | 786 | 847 | 762 | 826 | 758 | 661 |
| Shipments from mills | do | 9,740 | 9,607 | 811 | 830 | 852 | 816 | 817 | 716 | 718 | 825 | 815 | 861 | 804 | 752 | 750 | 698 |
| Inventory, end of period | do | 288 | 321 | 475 | 405 | 399 | 371 | 321 | 403 | 432 | 401 | 372 | 358 | 316 | 391 | 399 | 362 |
| United States: | | | | | | | | | | | | | | | | | |
| Production | do | 5,427 | 5,523 | 462 | 469 | 477 | 468 | 483 | 502 | 462 | 492 | 491 | 495 | 489 | 508 | r519 | 498 |
| Shipments from mills | do | 5,415 | 5,515 | 469 | 470 | 478 | 481 | 480 | 497 | 467 | 493 | 493 | 502 | 486 | 508 | r518 | 509 |
| Inventory, end of period | do | 48 | 56 | 67 | 66 | 66 | 53 | 56 | 61 | 56 | 56 | 53 | 46 | 49 | 49 | 50 | 39 |
| Estimated consumption, all users ◊ | do | 12,244 | 12,241 | 1,000 | 1,033 | 1,109 | 1,115 | 1,029 | 966 | 930 | 1,059 | 1,038 | 1,070 | r1,050 | r960 | r1,000 | 1,001 |
| Publishers' stocks, end of period # | thous. metric tons | 933 | 749 | 848 | 824 | 793 | 758 | 749 | 803 | 836 | 821 | 805 | 802 | 825 | r859 | r912 | 861 |
| Imports | do | 7,794 | r7,678 | 714 | 618 | 667 | 628 | 605 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Producer Price Index, standard newsprint | 1982=100 | 127.6 | 122.5 | 120.7 | 120.4 | 119.3 | 119.0 | 118.3 | 116.8 | 115.4 | 115.6 | 115.5 | r116.6 | 121.0 | 121.6 | 121.9 | 121.8 |
| Paper products: | | | | | | | | | | | | | | | | | |
| Shipping containers, corrugated and solid fiber shipments | mil. sq. ft. surf. area | 308,509 | 313,398 | 27,837 | 25,441 | 28,982 | 25,349 | 23,202 | 27,609 | 24,180 | 26,680 | 26,619 | 27,219 | 26,265 | 26,444 | 28,055 | 25,375 |
| **RUBBER AND RUBBER PRODUCTS** | | | | | | | | | | | | | | | | | |
| **RUBBER** | | | | | | | | | | | | | | | | | |
| Natural rubber: | | | | | | | | | | | | | | | | | |
| Consumption | thous. metric tons | 858.28 | r866.87 | r70.82 | r71.97 | r62.07 | r84.59 | r50.86 | r62.57 | r57.27 | 78.98 | r65.22 | 87.43 | 73.92 | 57.37 | ..... | ..... |
| Stocks, end of period | do | 61.74 | 91.98 | 88.06 | 83.32 | 87.74 | 83.88 | 91.98 | r100.20 | r100.15 | r101.63 | r97.15 | 97.30 | 99.80 | 101.56 | ..... | ..... |
| Imports, incl. latex and guayule | do | 853.82 | r2887.62 | r65.64 | r69.14 | r69.50 | r78.92 | r60.09 | 72.31 | 58.57 | 81.87 | 63.08 | 89.49 | 77.66 | 60.38 | ..... | ..... |
| U.S. Import Price Index | 1985=100 | 147.7 | 110.3 | ..... | 99.8 | ..... | ..... | 100.3 | ..... | ..... | 102.7 | ..... | ..... | 105.4 | ..... | ..... | 105.4 |
| Synthetic rubber: | | | | | | | | | | | | | | | | | |
| Production | thous. metric tons | 2,334.72 | 2,301.82 | 186.21 | 201.66 | 204.71 | 193.82 | 166.68 | r176.31 | r182.91 | r186.97 | r191.08 | 179.01 | 174.38 | 172.01 | ..... | ..... |
| Consumption | do | 2,016.85 | r2,092.60 | r170.53 | r168.97 | r179.01 | r182.97 | r152.58 | r163.73 | r160.76 | r163.21 | r144.88 | 163.79 | 151.15 | 142.99 | ..... | ..... |
| Stocks, end of period | do | 279.28 | 322.03 | 314.14 | 323.42 | 329.62 | r330.33 | 322.03 | r375.04 | r374.36 | r368.91 | r388.94 | 381.07 | 379.19 | 392.80 | ..... | ..... |
| Exports (Bu. of Census) | do | 460.01 | r579.08 | 48.21 | 54.54 | 54.64 | 43.59 | 44.39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| **TIRES AND TUBES** | | | | | | | | | | | | | | | | | |
| Pneumatic casings: | | | | | | | | | | | | | | | | | |
| Production | thous | r211,351 | r212,870 | 18,288 | 16,963 | 18,400 | 16,323 | 14,721 | 19,017 | 17,376 | 19,522 | 17,680 | 17,990 | 18,186 | 14,996 | 18,555 | ..... |
| Shipments, total | do | 264,811 | 264,049 | 23,955 | 23,151 | 23,335 | 21,924 | 18,545 | 19,848 | 18,955 | 22,756 | 21,375 | 23,646 | 24,042 | r22,436 | 24,391 | ..... |
| Original equipment | do | 62,932 | 59,347 | 4,969 | 4,947 | 4,910 | 4,706 | 3,532 | 3,489 | 4,554 | 5,382 | 4,780 | 5,589 | 5,311 | 3,572 | 4,696 | ..... |
| Replacement equipment | do | 189,212 | 188,717 | 17,488 | 16,913 | 17,003 | 16,011 | 13,950 | 14,984 | 13,030 | 15,872 | 15,142 | 16,605 | 17,381 | r17,586 | 17,992 | ..... |
| Exports | do | 12,666 | 15,985 | 1,497 | 1,291 | 1,422 | 1,206 | 1,065 | 1,374 | 1,372 | 1,504 | 1,453 | 1,452 | 1,351 | 1,277 | 1,704 | ..... |
| Stocks, end of period | do | 33,191 | 39,308 | 41,902 | 39,852 | 39,156 | 38,378 | 39,308 | 43,888 | 46,561 | 48,446 | 49,601 | 48,728 | 47,893 | r45,351 | 43,492 | ..... |
| Exports (Bu. of Census) | do | 16,149 | r19,118 | 2,112 | 1,566 | 1,790 | 1,412 | 1,396 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Inner tubes: | | | | | | | | | | | | | | | | | |
| Exports (Bu. of Census) | do | 1,712 | r1,813 | 181 | 121 | 136 | 96 | 174 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **STONE, CLAY, AND GLASS PRODUCTS** | | | | | | | | | | | | | | | | | |
| **PORTLAND CEMENT** | | | | | | | | | | | | | | | | | |
| Shipments, finished cement | thous. bbl. | [1]477,958 | [1]474,346 | 51,782 | 45,282 | 49,298 | 40,234 | 26,303 | 29,615 | 27,030 | 35,205 | 38,744 | 44,828 | 46,513 | 44,687 | | |
| **CLAY CONSTRUCTION PRODUCTS** | | | | | | | | | | | | | | | | | |
| Shipments: | | | | | | | | | | | | | | | | | |
| Brick, unglazed (common and face) | mil. standard brick | 6,930.0 | 6,698.2 | 645.8 | 585.4 | 621.6 | 548.7 | 416.6 | 469.7 | 466.0 | 578.8 | 591.1 | 631.0 | 630.8 | 631.5 | 655.7 | |
| Structural tile, except facing | thous. sh. tons | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | | |
| Sewer pipe and fittings, vitrified | do | 300.9 | 255.7 | 22.3 | 19.9 | 22.8 | 21.0 | 17.7 | 16.4 | 16.3 | 21.5 | [r]21.9 | 17.3 | 16.4 | 18.8 | 18.9 | |
| Floor and wall tile and accessories, glazed and unglazed | mi. sq. ft. | 470.7 | 545.3 | 50.3 | 45.1 | 47.0 | 44.6 | 41.7 | 39.7 | 38.1 | 44.0 | [r]40.3 | 43.2 | 40.4 | 38.3 | 41.1 | |
| Producer Price Index, brick and structural clay tile | 12/84=100 | 110.9 | 112.2 | 111.8 | 112.0 | 113.2 | 113.3 | 113.5 | 113.7 | 114.2 | 114.9 | 115.0 | [r]115.3 | 115.1 | 115.4 | 115.3 | 115.4 |
| **GLASS AND GLASS PRODUCTS** | | | | | | | | | | | | | | | | | |
| Flat glass, mfrs.' shipments | thous. $ | 1,479,446 | 1,543,242 | | 383,313 | | | 370,059 | | | [r]357,010 | | | 373,350 | | | |
| Glass containers: | | | | | | | | | | | | | | | | | |
| Production | thous. gross | 284,473 | [r]287,511 | 25,837 | 21,837 | 25,258 | 20,963 | 17,513 | 21,859 | 21,997 | 25,228 | 24,099 | 25,790 | 24,882 | [r]25,185 | 25,835 | |
| Shipments, total | do | 280,439 | [r]285,586 | 26,010 | 22,101 | 23,363 | 20,688 | 19,976 | 21,917 | 20,563 | 24,689 | 23,825 | 26,478 | 24,943 | [r]24,775 | 26,682 | |
| Narrow-neck containers: | | | | | | | | | | | | | | | | | |
| Food | do | 22,100 | 22,010 | 2,394 | 2,066 | 1,767 | 1,337 | 1,411 | 1,596 | 1,707 | 2,160 | 1,840 | 2,529 | 2,033 | [r]2,089 | 2,436 | |
| Beverage | do | [r]62,382 | [r]63,813 | 6,228 | 5,061 | 5,242 | 4,727 | 4,242 | 4,535 | 4,532 | 5,706 | 5,493 | 6,253 | 6,058 | 6,065 | 6,116 | |
| Beer | do | 86,285 | 88,556 | 7,971 | 6,749 | 7,029 | 6,460 | 6,430 | 7,160 | 6,554 | 7,819 | 7,891 | 7,990 | 7,603 | 7,962 | 8,024 | |
| Liquor and wine | do | 26,491 | 26,059 | 2,222 | 1,971 | 2,187 | 1,964 | 2,078 | 1,999 | 1,819 | 2,221 | 2,345 | 2,507 | 2,635 | 2,173 | 2,262 | |
| Wide-mouth containers: | | | | | | | | | | | | | | | | | |
| Food and dairy products | do | 66,675 | 67,973 | 6,390 | 5,481 | 6,272 | 5,480 | 5,080 | 5,769 | 5,084 | 5,887 | 5,300 | 6,266 | 5,764 | [r]5,729 | 7,046 | |
| Narrow-neck and wide-mouth containers: | | | | | | | | | | | | | | | | | |
| Medicinal and toilet | do | 13,980 | 13,826 | 719 | 702 | 777 | 655 | 647 | 751 | 804 | 818 | 881 | 873 | 795 | 700 | 745 | |
| Chemical, household, and industrial | do | 1,357 | 1,318 | 86 | 71 | 89 | 65 | 88 | 107 | 63 | 77 | 75 | 60 | 55 | 57 | 53 | |
| Stocks, end of period | do | 42,296 | 42,053 | 44,186 | 43,820 | 44,590 | 45,243 | 42,408 | 41,709 | 42,889 | 43,094 | 43,262 | 42,265 | 42,287 | 42,526 | 41,396 | |
| **GYPSUM AND PRODUCTS** | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Crude gypsum (exc. byproduct) | thous. sh. tons | [1]15,100 | [1]15,500 | 1,360 | 1,410 | 1,460 | 1,890 | 1,310 | 1,258 | 1,182 | 1,318 | 1,373 | 1,342 | | | | |
| Calcined | do | [1]16,900 | [1]17,500 | 1,490 | 1,420 | 1,580 | 1,900 | 1,200 | 1,411 | 1,363 | 1,530 | 1,402 | 1,372 | | | | |
| Imports, crude gypsum | do | [1]9,680 | | 838 | 820 | 758 | 728 | 581 | 684 | 592 | 784 | 815 | | | | | |
| Sales of gypsum products: | | | | | | | | | | | | | | | | | |
| Uncalcined | do | [1]5,310 | [1]5,170 | 477 | 461 | 458 | 430 | 619 | 355 | 379 | 428 | 496 | 495 | | | | |
| Calcined: | | | | | | | | | | | | | | | | | |
| Industrial plasters | do | [1]150 | (4) | | | | | | | | | | | | | | |
| Building plasters, total (incl. Keene's cement) | do | 235 | | (2) | (2) | (2) | (2) | | | | | | | | | | |
| Board products, total | mil. sq. ft. | [1]20,563 | [1]20,870 | 1,953 | 1,722 | 1,918 | 1,700 | 1,473 | 1,772 | 1,700 | 1,869 | 1,649 | 1,710 | | | | |
| Lath | do | 21 | 18 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | | | | |
| Veneer base | do | 472 | 475 | 44 | 39 | 41 | 37 | 29 | 38 | 40 | 43 | 35 | 37 | | | | |
| Gypsum sheathing | do | [1]311 | 266 | 25 | 21 | 26 | 23 | 19 | 22 | 21 | 22 | 23 | 21 | | | | |
| Regular gypsum board | do | [1]13,888 | 12,523 | 1,167 | 1,039 | 1,144 | 1,036 | 890 | 1,071 | 1,033 | 1,131 | 975 | 1,014 | | | | |
| Type X gypsum board | do | [1]4,583 | 6,071 | 569 | 499 | 560 | 488 | 438 | 521 | 489 | 540 | 484 | 505 | | | | |
| Predecorated wallboard | do | [1]132 | 113 | 10 | 9 | 10 | 9 | 8 | 9 | 8 | 8 | 8 | 8 | | | | |
| 5/16 mobile home board | do | [1]605 | 717 | 73 | 60 | 73 | 52 | 39 | 52 | 51 | 59 | 66 | 68 | | | | |
| Water/moisture resistant board | do | [1]550 | 687 | 64 | 54 | 63 | 55 | 48 | 58 | 57 | 63 | 57 | 55 | | | | |
| **TEXTILE PRODUCTS** | | | | | | | | | | | | | | | | | |
| **FABRIC** | | | | | | | | | | | | | | | | | |
| Woven fabric, finishing plants: | | | | | | | | | | | | | | | | | |
| Production (finished fabric) | mil. linear yd | | | | | | | | | | | | | | | | |
| Cotton | do | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | do | | | | | | | | | | | | | | | | |
| Inventories held at end of period | do | | | | | | | | | | | | | | | | |
| Cotton | do | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | do | | | | | | | | | | | | | | | | |
| Backlog of finishing orders | do | | | | | | | | | | | | | | | | |
| Cotton | do | | | | | | | | | | | | | | | | |
| Manmade fiber and silk fabrics | do | | | | | | | | | | | | | | | | |
| **COTTON AND MANUFACTURES** | | | | | | | | | | | | | | | | | |
| Cotton (excluding linters): | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Ginnings ◇ | thous. running bales | 14,985 | 11,884 | 382 | 981 | 5,806 | 10,357 | 11,558 | | | | | | | 120 | 583 | |
| Crop estimate | thous. net weight bales § | 15,412 | 12,196 | | | | | | | | | | | | | | [5]14,550 |
| Consumption | thous. running bales | 7,294 | 7,444 | 663 | [r3]860 | 665 | 617 | [3]653 | 605 | 633 | [3]794 | 624 | 641 | [3]826 | 559 | [r]680 | 836 |
| Stocks in the United States, total, end of period # | thous. running bales | 16,062 | 12,803 | 17,382 | 16,195 | 15,157 | 13,917 | 12,803 | 11,289 | 9,894 | 8,033 | 6,975 | 5,778 | 4,337 | 3,228 | [r]15,974 | 14,497 |
| Domestic cotton, total | do | 16,062 | 12,803 | 17,382 | 16,195 | 15,157 | 13,917 | 12,803 | 11,289 | 9,894 | 8,033 | 6,975 | 5,778 | 4,337 | 3,228 | [r]15,974 | 14,497 |
| On farms and in transit | do | 1,957 | 1,457 | 11,807 | 11,147 | 7,227 | 2,815 | 1,457 | 1,104 | 1,153 | 771 | 843 | 879 | 485 | 369 | [r]13,740 | 11,555 |
| Public storage and compresses | do | 13,524 | 10,762 | 4,975 | 4,458 | 7,378 | 10,558 | 10,762 | 9,524 | 8,052 | 6,566 | 5,447 | 4,224 | 3,185 | 2,187 | [r]1,615 | 2,407 |
| Consuming establishments | do | 581 | 584 | 600 | 590 | 552 | 544 | 584 | 661 | 689 | 696 | 685 | 675 | 667 | 672 | [r]619 | 535 |

See footnotes at end of tables.

## TEXTILE PRODUCTS—Continued

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual 1988 | Annual 1989 | 1989 Aug. | Sept. | Oct. | Nov. | Dec. | 1990 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **COTTON AND MANUFACTURES—Cont.** | | | | | | | | | | | | | | | | | |
| Cotton (excluding linters)—Continued | | | | | | | | | | | | | | | | | |
| Exports | thous. running bales | 5,649 | [5]6,704 | 480 | 466 | 495 | 496 | 650 | | | | | | | | | |
| Imports | thous. net-weight bales § | 1 | [5]5 | (1) | (1) | (1) | (1) | (1) | | | | | | | | | |
| Price(farm), American upland ◊ | cents per lb | [3]55.6 | | 60.2 | 63.9 | 65.7 | 65.4 | 61.4 | 59.8 | 60.6 | 64.1 | 65.0 | 65.4 | 62.3 | 63.7 | 64.6 | 65.2 |
| Price, Strict Low Middling, Grade 41, staple 34 (1 1/16"), average 10 markets | cents per lb | [3]57.7 | | 69.9 | 68.5 | 69.4 | 68.3 | 63.6 | 62.2 | 65.0 | 68.1 | 71.3 | 74.6 | 77.1 | 79.5 | 76.3 | 71.0 |
| Spindle activity (cotton system spindles): | | | | | | | | | | | | | | | | | |
| Active spindles, last working day, total | mil | 11.5 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.6 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.1 | 10.0 | |
| Consuming 100 percent cotton | do | 4.4 | 4.3 | 4.2 | 4.2 | 4.2 | 4.2 | 4.3 | 4.3 | 4.3 | 4.2 | 4.2 | 4.2 | 4.1 | 3.9 | 3.9 | 3.9 |
| Spindle hours operated, all fibers, total | bil | 78.1 | 80.8 | 10.8 | [4]7.9 | 5.6 | 5.8 | [4]6.4 | 5.4 | 5.6 | [4]6.9 | 5.4 | 5.3 | [4]6.4 | [r]4.4 | 5.3 | |
| Average per working day | do | .302 | .294 | .313 | .317 | .279 | .293 | .254 | .272 | .278 | .276 | .271 | .267 | .255 | [r].220 | .264 | |
| Consuming 100 percent cotton | do | 28.9 | 27.8 | 2.1 | [4]2.9 | 2.1 | 2.2 | [4]2.4 | 2.1 | 2.2 | [4]2.7 | 2.1 | 2.1 | [4]2.6 | 1.7 | [r]2.0 | 2.5 |
| Cotton cloth: | | | | | | | | | | | | | | | | | |
| Cotton broadwoven goods over 12" in width: Production (qtrly.) | mil. sq. yd | 4,632 | 4,589 | | 1,134 | | | 1,106 | | | 1,199 | | | | | | |
| 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 § | 250.4 | | | | | | | | | | | | | | | |
| Imports, raw cotton equivalent | do | 1,146.8 | | | | | | | | | | | | | | | |
| Producer Price Index, gray cotton broadwovens | 1982=100 | 114.4 | 110.9 | 109.8 | 109.8 | 110.8 | 110.9 | 113.5 | 113.7 | 113.8 | 113.8 | 114.0 | 114.1 | 114.3 | 110.3 | 114.8 | 112.4 |
| **MANMADE FIBERS AND MANUFACTURES** | | | | | | | | | | | | | | | | | |
| Fiber production, qtrly: | | | | | | | | | | | | | | | | | |
| Acetate filament yarn | mil. lb | 213.9 | 217.5 | | 56.7 | | | 52.3 | | | 46.8 | | | 52.3 | | | |
| Rayon staple, including tow | do | 399.8 | 362.8 | | 83.2 | | | 77.6 | | | 73.3 | | | 72.0 | | | |
| Noncellulosic, except textile glass: | | | | | | | | | | | | | | | | | |
| Yarn and monofilaments | do | 4,180.3 | 4,225.4 | | 1,051.6 | | | 1,011.3 | | | [r]1,030.7 | | | 1,088.2 | | | |
| Staple, incl. tow | do | 4,345.6 | 4,290.3 | | 1,053.4 | | | 999.1 | | | 984.3 | | | 1,060.8 | | | |
| Textile glass fiber | do | | | | | | | | | | | | | | | | |
| Fiber stocks, producers', end of period: | | | | | | | | | | | | | | | | | |
| Acetate filament yarn | mil. lb | 11.4 | 9.9 | | 11.6 | | | 9.9 | | | 8.8 | | | 8.7 | | | |
| Rayon staple, including tow | do | 14.0 | 22.4 | | 18.1 | | | 22.4 | | | 14.0 | | | 10.1 | | | |
| Noncellulosic fiber, except textile glass: | | | | | | | | | | | | | | | | | |
| Yarn and monofilaments | do | 288.6 | 364.2 | | 351.9 | | | 364.2 | | | 375.7 | | | 378.6 | | | |
| Staple, incl. tow | do | 298.4 | 340.8 | | 362.5 | | | 340.8 | | | 334.8 | | | 384.7 | | | |
| Textile glass fiber | do | | | | | | | | | | | | | | | | |
| Manmade fiber and silk broadwoven fabrics: | | | | | | | | | | | | | | | | | |
| Production (qtrly.), total | mil. sq. yd | | | | | | | | | | | | | | | | |
| Filament yarn (100%) fabrics | do | | | | | | | | | | | | | | | | |
| Chiefly rayon and/or acetate fabrics | do | | | | | | | | | | | | | | | | |
| Chiefly nylon fabrics | do | | | | | | | | | | | | | | | | |
| Spun yarn (100%) fabrics | do | | | | | | | | | | | | | | | | |
| Rayon and/or acetate fabrics, blends | do | | | | | | | | | | | | | | | | |
| Polyester blends with cotton | do | | | | | | | | | | | | | | | | |
| Acetate filament and spun yarn fabrics | do | | | | | | | | | | | | | | | | |
| Producer Price Index, gray synthetic broadwovens | 1982=100 | 112.7 | 114.0 | 115.0 | 115.0 | 115.8 | 115.9 | 115.3 | 115.6 | 115.7 | 115.6 | 115.7 | 115.5 | 116.2 | 115.7 | 115.6 | 116.2 |
| Manmade fiber textile trade: | | | | | | | | | | | | | | | | | |
| Exports, manmade fiber equivalent | mil. lbs | 684.75 | | | | | | | | | | | | | | | |
| Yarn, tops, thread, cloth | do | 282.19 | | | | | | | | | | | | | | | |
| Cloth, woven | do | 169.31 | | | | | | | | | | | | | | | |
| Manufactured prods., apparel, furnishings | do | 402.56 | | | | | | | | | | | | | | | |
| Imports, manmade fiber equivalent | do | 1,735.70 | | | | | | | | | | | | | | | |
| Yarn, tops, thread, cloth | do | 258.18 | | | | | | | | | | | | | | | |
| Cloth, woven | do | 179.23 | | | | | | | | | | | | | | | |
| Manufactured products, apparel, furnishings | do | 1,477.52 | | | | | | | | | | | | | | | |
| Apparel, total | do | 991.03 | | | | | | | | | | | | | | | |
| Knit apparel | do | 443.03 | | | | | | | | | | | | | | | |
| **WOOL AND MANUFACTURES** | | | | | | | | | | | | | | | | | |
| Wool consumption, mill (clean basis): | | | | | | | | | | | | | | | | | |
| Apparel class | mil. lb | 117.1 | 113.0 | 8.6 | [4]9.4 | 8.1 | 7.8 | [4]9.1 | | | [6]29.9 | | | 30.1 | | | |
| Carpet class | do | 15.6 | 14.1 | 1.3 | [4]1.5 | 1.1 | .8 | [4]1.0 | | | [6]3.8 | | | 3.6 | | | |
| Wool imports, clean yield † | do | 96.7 | 106.9 | 6.9 | 3.9 | 10.4 | 5.1 | 9.8 | 7.3 | 9.2 | 4.7 | 8.2 | 5.0 | 4.8 | 3.4 | 5.5 | |
| Unimproved and other grades not finer than 46's | do | 24.4 | 29.9 | 2.1 | 1.5 | 3.2 | 1.3 | 1.8 | 2.8 | 1.5 | 2.4 | 2.6 | 2.4 | 2.1 | 1.5 | 1.3 | |
| 48's and finer * | do | 72.3 | 77.0 | 4.8 | 2.4 | 7.3 | 3.7 | 8.0 | 4.4 | 7.7 | 2.3 | 5.6 | 2.6 | 2.7 | 1.9 | 4.2 | |
| Wool prices, raw, shorn, clean basis, delivered to U.S. mills: | | | | | | | | | | | | | | | | | |
| Domestic—Graded territory, 64's, staple 2¾" and up | dollars per lb | 4.38 | 3.70 | 3.50 | 3.50 | 3.50 | 3.33 | 3.00 | 2.94 | 2.87 | 2.87 | 2.84 | 2.75 | 2.57 | 2.42 | 2.35 | 2.35 |
| Australian, 64's, Type 62, duty-paid | do | 4.87 | 4.31 | 4.10 | 4.14 | 4.17 | 4.17 | 4.20 | 4.17 | 4.04 | 4.03 | 4.14 | 4.06 | 3.42 | 3.38 | 3.52 | 3.55 |
| Wool broadwoven goods, exc. felts: | | | | | | | | | | | | | | | | | |
| Production (qtrly.) | mil. sq. yd | 190.5 | 176.3 | | 40.1 | | | 37.0 | | | 38.8 | | | | | | |
| **FLOOR COVERINGS** | | | | | | | | | | | | | | | | | |
| Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly | mil. sq. yds | 1,328.0 | 1,357.2 | | 350.7 | | | 324.3 | | | 334.7 | | | 356.7 | | | |
| **APPAREL** | | | | | | | | | | | | | | | | | |
| Women's, misses', juniors' apparel cuttings, qtrly: | | | | | | | | | | | | | | | | | |
| Coats | thous. units | 18,416 | 16,895 | | 4,403 | | | 4,055 | | | | | | | | | |
| Dresses | do | 160,488 | 181,967 | | 44,436 | | | 40,178 | | | | | | | | | |
| Suits (incl. pant suits, jumpsuits) | do | 8,972 | 8,372 | | 1,854 | | | 1,910 | | | | | | | | | |
| Skirts | do | 96,417 | 97,689 | | 21,809 | | | 20,331 | | | | | | | | | |
| Slacks, jeans, dungarees, and jean-cut casual slacks | do | 276,364 | 300,907 | | 75,590 | | | 72,302 | | | | | | | | | |
| Blouses | thous. dozen | 33,721 | 37,180 | | 8,352 | | | 9,104 | | | | | | | | | |

See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88 | Units | Annual | | 1989 | | | | | 1990 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1988 | 1989 | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
| **TEXTILE PRODUCTS—Continued** | | | | | | | | | | | | | | | | | |
| **APPAREL—Continued** | | | | | | | | | | | | | | | | | |
| Men's apparel cuttings, qtrly: | | | | | | | | | | | | | | | | | |
| Suits | thous. units | 13,413 | 13,896 | | 3,024 | | | 3,156 | | | | | | | | | |
| Coats (separate), dress and sport | do | 17,435 | 18,012 | | 5,236 | | | 4,211 | | | | | | | | | |
| Trousers, slacks, jeans, pants, etc. | do | 428,231 | 470,820 | | 122,582 | | | 116,486 | | | | | | | | | |
| Shirts, dress and sport | thous. doz | 85,338 | 113,085 | | 28,120 | | | 28,534 | | | | | | | | | |
| Hosiery, shipments | thous. doz. pairs | 322,124 | 353,692 | 28,992 | 27,930 | 34,710 | 30,943 | 27,492 | 25,344 | 26,203 | 29,360 | 30,941 | 26,617 | 27,770 | 28,280 | 26,228 | |
| **TRANSPORTATION EQUIPMENT** | | | | | | | | | | | | | | | | | |
| **AEROSPACE VEHICLES** | | | | | | | | | | | | | | | | | |
| Orders, new (net), total | mil. $ | [3]147,128 | | | | | | | | | | | | | | | |
| U.S. Government | do | [3]67,850 | | | | | | | | | | | | | | | |
| Prime contract | do | [3]143,421 | | | | | | | | | | | | | | | |
| Sales (net), receipts, or billings, total | do | [3]113,548 | | | | | | | | | | | | | | | |
| U.S. Government | do | [3]68,104 | | | | | | | | | | | | | | | |
| Backlog of orders, end of period # | do | [3]191,518 | | | | | | | | | | | | | | | |
| U.S. Government | do | [3]92,394 | | | | | | | | | | | | | | | |
| Aircraft (complete) and parts | do | [3]87,865 | | | | | | | | | | | | | | | |
| Engines (aircraft) and parts | do | [3]23,415 | | | | | | | | | | | | | | | |
| Missiles, space vehicle systems, engines, propulsion units, and parts | mil. $ | [3]29,078 | | | | | | | | | | | | | | | |
| Other related operations (conversions, modifications), products, services | mil. $ | [3]17,895 | | | | | | | | | | | | | | | |
| Aircraft (complete): | | | | | | | | | | | | | | | | | |
| Shipments | do | 16,019.9 | 17,467.3 | 1,791.3 | 2,334.8 | 1,383.7 | 1,083.8 | 1,720.5 | 1,122.2 | 2,644.6 | 1,748.4 | 1,976.5 | 1,955.6 | 2,474.7 | 2,129.0 | 2,165.8 | |
| Exports, commercial | do | 9,971 | [4]13,414 | 1,020 | 1,836 | 1,322 | 485 | 1,161 | 1,055 | 2,183 | 1,415 | 1,653 | 1,552 | 2,048 | 1,555 | | |
| **MOTOR VEHICLES (NEW)** | | | | | | | | | | | | | | | | | |
| Passenger cars: | | | | | | | | | | | | | | | | | |
| Factory sales (from U.S. plants): | | | | | | | | | | | | | | | | | |
| Total | thous | 7,105 | | 540 | 576 | 618 | 535 | 453 | 335 | 488 | 617 | 509 | 625 | 627 | 346 | 530 | (2) |
| Domestic | do | 6,437 | | 499 | 523 | 568 | 482 | 401 | 304 | 433 | 547 | 449 | 564 | 569 | 322 | 488 | |
| Retail sales, total, not seas. adj | do | 10,689 | 9,903 | 976 | 840 | 750 | 687 | 655 | 756 | 728 | 866 | 817 | 890 | 875 | 822 | r807 | r785 |
| Domestics § | do | 7,539 | 7,078 | 685 | 610 | 524 | 474 | 456 | 547 | 534 | 626 | 599 | 644 | 635 | 596 | r572 | 585 |
| Imports § | do | 3,099 | 2,825 | 291 | 230 | 226 | 213 | 199 | 209 | 194 | 240 | 218 | 246 | 240 | 226 | 235 | r200 |
| Total, seas. adj. at annual rate | mil | | | 11.3 | 10.6 | 8.9 | 8.6 | 8.9 | 10.2 | 9.6 | 9.6 | 9.4 | 9.4 | [6]9.8 | 9.7 | 9.4 | r10.1 |
| Domestics § | do | | | 8.2 | 7.8 | 6.2 | 6.0 | 6.5 | 7.5 | 6.8 | 6.8 | 6.6 | 6.7 | [6]7.1 | 7.1 | 6.9 | 7.6 |
| Imports § | do | | | 3.1 | 2.8 | 2.7 | 2.6 | 2.4 | 2.7 | 2.8 | 2.8 | 2.8 | 2.7 | [6]2.7 | 2.6 | 2.5 | r2.5 |
| Retail inventories, domestics, end of period: § | | | | | | | | | | | | | | | | | |
| Not seasonally adjusted | thous | 1,601 | 1,669 | 1,450 | 1,439 | 1,549 | 1,658 | 1,669 | 1,484 | 1,467 | 1,479 | 1,422 | 1,471 | 1,505 | 1,318 | 1,337 | 1,340 |
| Seasonally adjusted | do | 1,619 | 1,682 | 1,617 | 1,567 | 1,628 | 1,671 | 1,659 | 1,382 | 1,326 | 1,338 | 1,301 | 1,306 | [6]1,316 | 1,376 | 1,454 | |
| Inventory-retail sales ratio, domestics § | | 2.6 | 2.8 | 2.4 | 2.4 | 3.2 | 3.3 | 3.1 | 2.2 | 2.3 | 2.4 | 2.4 | 2.3 | [6]2.2 | 2.3 | 2.5 | |
| Exports (BuCensus), total | do | 765.12 | [4]769.75 | 48.34 | 57.88 | 68.81 | 67.31 | 63.72 | | | | | | | | | |
| To Canada | do | 616.18 | 569.23 | 39.59 | 48.08 | 47.87 | 45.02 | 40.30 | | | | | | | | | |
| Imports (ITC), complete units | do | 4,450.2 | [4]4,042.7 | 279.0 | 293.3 | 352.1 | 355.8 | 343.8 | 264.7 | 310.4 | 372.1 | 318.1 | 335.2 | 335.5 | | | |
| From Canada, total | do | 1,191.4 | [4]1,151.1 | 70.6 | 93.4 | 103.2 | 116.0 | 94.0 | 71.6 | 99.9 | 129.4 | 89.3 | 128.2 | 128.1 | | | |
| Registrations ◊, total new vehicles | do | [1]10,480 | [1]9,853 | 880 | 956 | 800 | 666 | 694 | 619 | 657 | 773 | 751 | 824 | 858 | 779 | 777 | |
| Imports, including domestically sponsored | do | [1]3,710 | [1]3,539 | 331 | 354 | 303 | 262 | 265 | 210 | 248 | 292 | 268 | 319 | 328 | 300 | 321 | |
| Trucks and buses: | | | | | | | | | | | | | | | | | |
| Factory sales (from U.S. plants): | | | | | | | | | | | | | | | | | |
| Total | do | 4,121 | | 347 | 316 | 300 | 314 | 289 | 228 | 306 | 388 | 327 | 401 | 399 | 252 | 319 | (2) |
| Domestic | do | 3,795 | | 328 | 289 | 275 | 290 | 265 | 212 | 281 | 355 | 298 | 368 | 371 | 238 | 302 | |
| Retail sales: | | | | | | | | | | | | | | | | | |
| Total, not seasonally adjusted * | do | 5,149.1 | 4,941.5 | 465.8 | 424.6 | 367.9 | 362.3 | 358.6 | 406.0 | 346.2 | 431.2 | 410.1 | 443.0 | 431.5 | 423.4 | r391.9 | 361.4 |
| 0-10,000 lbs. GVW, domestics | do | 4,195.1 | 4,106.4 | 382.1 | 357.0 | 297.6 | 304.1 | 296.7 | 349.7 | 292.9 | 363.2 | 350.7 | 374.0 | 365.2 | 364.9 | r326.9 | 310.1 |
| 0-10,000 lbs. GVW, imports * | do | 604.6 | 504.2 | 55.5 | 42.0 | 41.5 | 35.5 | 37.1 | 33.0 | 30.5 | 40.5 | 33.2 | 42.4 | 39.9 | 30.7 | 39.5 | 27.7 |
| 10,001 lbs. GVW and over † | do | 348.7 | 331.1 | 28.2 | 25.5 | 28.8 | 22.7 | 24.9 | 23.3 | 22.8 | 27.4 | 26.2 | 26.6 | 26.4 | 27.9 | r25.4 | 23.6 |
| Total, seasonally adjusted * | do | | | 450.4 | 458.7 | 390.6 | 384.3 | 390.3 | 450.9 | 380.6 | 390.9 | 391.6 | 388.0 | 400.6 | 411.4 | r383.8 | 392.9 |
| 0-10,000 lbs. GVW, domestics | do | | | 380.4 | 389.8 | 319.3 | 318.3 | 324.3 | 387.4 | 317.8 | 328.1 | 335.0 | 326.1 | 333.5 | 356.5 | r326.9 | 339.4 |
| 0-10,000 lbs. GVW, imports * | do | | | 41.6 | 42.6 | 43.7 | 40.9 | 40.9 | 37.7 | 36.4 | 37.3 | 32.9 | 37.3 | 42.1 | 27.3 | 31.5 | 28.4 |
| 10,001 lbs. GVW and over † | do | | | 28.4 | 26.3 | 27.7 | 25.1 | 25.2 | 25.8 | 26.5 | 25.6 | 23.6 | 24.6 | 25.0 | 27.6 | r25.4 | 25.0 |
| Retail inventories, domestics, end of period: | | | | | | | | | | | | | | | | | |
| Not seasonally adjusted | thous | 999.3 | 1,134.9 | 1,107.8 | 1,078.8 | 1,102.6 | 1,146.8 | 1,134.9 | 1,035.4 | 1,070.4 | 1,110.6 | 1,103.9 | 1,158.4 | 1,193.2 | 1,081.6 | 1,073.0 | 1,095.3 |
| Seasonally adjusted | do | 1,041.6 | 1,171.2 | 1,209.8 | 1,177.2 | 1,147.2 | 1,158.8 | 1,171.2 | 1,010.3 | 1,006.3 | 1,036.2 | 1,030.5 | 1,099.6 | 1,143.5 | 1,180.7 | 1,173.4 | 1,197.0 |
| Exports (BuCensus) | do | 246.92 | [4]211.28 | 15.64 | 21.15 | 17.15 | 15.01 | 15.71 | | | | | | | | | |
| Imports (BuCensus), including separate chassis and bodies | do | 1,155.66 | [4]1,022.17 | 69.06 | 70.58 | 88.20 | 81.70 | 79.64 | | | | | | | | | |
| Registrations ◊, new vehicles, excluding buses not produced on truck chassis | thous | [1]5,211 | [1]5,100 | 441 | 493 | 423 | 371 | 388 | 361 | 348 | 404 | 413 | 424 | 453 | 429 | 419 | |
| Truck trailers and chassis, complete (excludes detachables), shipments | number | 186,483 | r181,478 | 15,850 | 13,302 | 13,378 | 11,981 | 12,777 | 12,910 | 12,305 | 14,265 | 12,403 | 13,206 | 12,015 | r10,645 | 12,859 | |
| Van type | do | 131,991 | r130,163 | 11,868 | 9,881 | 9,697 | 8,813 | 9,683 | 9,667 | 9,293 | 10,597 | 8,676 | 9,305 | 8,551 | r7,442 | 9,427 | |
| Trailer bodies (detachable), sold separately | do | 5,223 | (5) | | | | | | | | | | | | | | |
| Trailer chassis (detachable), sold separately | do | 37,729 | r5 24,779 | 1,309 | 1,557 | 1,527 | 1,182 | 782 | 794 | 642 | 1,576 | 915 | 1,088 | 1,551 | r1,503 | 1,054 | |
| **RAILROAD EQUIPMENT** | | | | | | | | | | | | | | | | | |
| Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export): | | | | | | | | | | | | | | | | | |
| Shipments | number | 22,524 | 29,642 | | 6,821 | | | 7,697 | | | 8,892 | | | | | | |
| Equipment manufacturers | do | 22,524 | 29,617 | | 6,821 | | | 7,672 | | | 8,892 | | | | | | |
| New orders | do | 28,871 | 31,027 | | 6,117 | | | 8,221 | | | 5,556 | | | | | | |
| Equipment manufacturers | do | 28,871 | 31,002 | | 6,117 | | | 8,196 | | | 5,556 | | | | | | |
| Unfilled orders, end of period | do | 15,953 | 16,691 | | 15,694 | | | 16,691 | | | 13,537 | | | | | | |
| Equipment manufacturers | do | 15,953 | 16,691 | | 15,694 | | | 16,691 | | | 13,537 | | | | | | |
| Freight cars (revenue), class I railroads(AAR): ‡ | | | | | | | | | | | | | | | | | |
| Number owned, end of period | thous | 725 | 688 | 707 | 703 | 698 | 694 | 688 | 687 | 685 | 684 | 681 | 678 | 675 | | | |
| Capacity (carrying), total, end of month | mil. tons | 62.46 | 59.73 | 61.20 | 60.93 | 60.54 | 60.24 | 59.73 | 59.79 | 59.64 | 59.57 | 59.28 | 59.02 | 58.79 | | | |
| Average per car | tons | 86.17 | 86.87 | 86.61 | 86.65 | 86.71 | 86.82 | 86.87 | 87.01 | 87.10 | 87.13 | 87.05 | 87.08 | 87.15 | | | |

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.

## Address requests for data to:

Business Statistics Branch
Current Business Analysis Division (BE-53)
Bureau of Economic Analysis
U.S. Department of Commerce
Washington, D.C. 20230

## Page S-1

† Revised series. See Tables 2.6–2.9 in the July 1990 SURVEY for revised estimates for 1987–89.

‡ 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.

◇ See note "◇" for p. S-2.

## Page S-2

1. Based on data not seasonally adjusted.

◇ Effective April 1990 SURVEY, the industrial production index has been revised back to 1977 and has a new base year of 1987. A more detailed explanation of this revision is in the April 1990 *Federal Reserve Bulletin*. Historical data are available from the Industrial Output Section, Mail Stop 82, Division of Research and Statistics, Federal Reserve Board, Washington, DC 20551.

# Includes data not shown separately.

## Page S-3

# Includes data for items not shown separately.

## 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.

## Page S-5

@ 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.

## Page S-6

§ 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. 1990 SURVEY, data have been revised back to 1985 and are available upon request.

## Page S-7

1. Computed from cumulative valuation total.
2. Index as of Oct. 1, 1990: building, 403.8; construction, 443.0.
3. Beginning Dec. 1988, series has been discontinued by the Bureau of the Census.

‡ Effective July 1990 SURVEY, data have been 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 June, Aug., and Nov. 1989, and Mar. 1990 are for five weeks; other months four weeks.

◇ Effective Feb. 1990 SURVEY, data for seasonally adjusted housing starts have been revised back to 1987. These revisions are available upon request.

@ Effective Feb. 1990 SURVEY, data for seasonally adjusted manufacturers' shipments of mobile homes have been revised back to 1987.

† Effective May 1990 SURVEY, data for seasonally adjusted building permits have been revised back to 1988 and are available upon request.

* Series first shown in the July 1990 SURVEY. 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 Sept. 1990 SURVEY, the construction cost index for the Federal Highway Administration has been revised back to 1986 and has a new base year of 1987=100.

## Page S-8

1. Advance estimate.
2. Beginning with Feb. 1989 data, associations in conservatorship are excluded.

◇ Home mortgage rates (conventional first mortgages) 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 1990 SURVEY, wholesale trade data have been revised back to Dec. 1980. Revised data and a summary of changes appear in the report *Revised Monthly Wholesale Trade Sales and Inventories BW89–R*, available from the Bureau of the Census, Washington, DC 20233.

‡ Effective April 1990 SURVEY, retail trade data have been revised. Estimates of retail sales and inventories have been revised back to January 1982. Revised data and a summary of changes appear in the report *Revised Monthly Retail Sales and Inventories BR89–R*, 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 January 1990 SURVEY, the seasonally adjusted labor force series have been revised back to January 1985. The January 1990 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 entire 1985–89 revision period appear in the February 1990 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.

§ Effective Sept. 1990 SURVEY, data have been revised to reflect annual benchmark revisions, the conversion of the industry series to 1987 SIC codes, and updated seasonal adjustment factors. All series have been revised back to April 1988, unadjusted, and Jan. 1985, seasonally adjusted. Industry series affected by revisions in the SIC have been revised back to the inception of the series, to the extent possible. In addition, all constant-dollar and indexed series have been recomputed on a 1982 base. The Sept. 1990 issue of *Employment and Earnings* contains a detailed description of the effects of these revisions and revised data for all regularly published tables. All historical data will be published in a historical bulletin, *Employment, Hours, and Earnings, United States, 1909-1990*.

## 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

1. 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. Use the corresponding unadjusted series.
2. The hourly earnings index has been discontinued.

§ 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. 1990 SURVEY, this series has been revised back to 1985 to reflect new seasonal factors for the CPI-W. Revised data are available upon request.

§§ Wages as of Oct. 1, 1990: Common, $18.45; Skilled, $24.27.

† Excludes farm, household, and Federal workers.

@ Effective with the April 1990 SURVEY, the employment cost index is based on June 1989=100, rather than June 1981=100. Historical data for both June 1989 and June 1981 bases are available from the Bureau of Labor Statistics, Division of Employment Cost Trends, 441 G Street, N.W., Washington, DC 20212.

‡‡ These series were affected by an error in the Sept. 1990 SURVEY. The stub for "Transportation equipment" was omitted. Hourly earnings for "Transportation equipment" were shown following the stub for "Electronic and other electrical equipment". Hourly earnings for "Electronic and other electrical equipment" were shown following the stub for "Industrial machinery and equipment". Hourly earnings for "Industrial machinery and equipment" were shown following the stub for "Machinery, except electrical", which was the former name for that industry (SIC 35).

## 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 50 States and the District of Columbia. 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).

† Effective Oct. 1989 SURVEY, loans by loan type are provided by the Federal Farm Credit Banks Funding Corporation.

◇ Effective with the April 1990 SURVEY, the reserves of depository institutions have been revised back to 1984 and are available upon request.

## Page S-14

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.

2. Weighted by number of loans.

3. Beginning Feb. 1988, data suspended by the Farm Credit Administration, which is revising the information it collects and amending the reports it distributes.

§ Effective Mar. 1990 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 1990 SURVEY, the consumer installment credit series have been revised back to 1980 to incorporate new information and updated seasonal adjustment factors. These revisions are available upon request.

* Series first shown in the June 1990 SURVEY.

†† This series, first shown in the June 1990 SURVEY, represents the outstanding balances of loans that the loan originator has sold and are no longer carried on the loan originator's books. The loans are pooled and securities are issued on the pools.

## Page S-15

1. Beginning Jan. 1989, the primary public offering statistics have been discontinued by the Securities and Exchange Commission.

† Effective Feb. 1990 SURVEY, the money stock measures and components have been revised and are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.

‡‡ Includes ATS and NOW balances at all depository institutions, credit union share draft balances, and demand deposits at thrift institutions.

◇ Overnight (and continuing contract) RP's 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. The railroad average was discontinued by Moody's on July 13, 1989. Therefore, the July average reflects only eight working days.

@ See note "4" for p. S-19 regarding the new commodity classification systems introduced Jan. 1989. 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.

† Effective with the Mar. 1990 SURVEY, seas. adj. exports and imports have been revised back to Jan. 1988, and are available upon request.

## Page S-17

1. Beginning with Jan. 1989 data, undocumented exports to Canada are now included, resulting in a break with Dec. 1988 data.

2. Beginning Jan. 1989, buses are excluded from "Motor vehicles and parts" and included in "Other manufactured goods," resulting in a break with Dec. 1988 data.

@ See note "@" 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.

3. Beginning Aug. 1989, the export and import indexes have been discontinued by the Census Bureau.

# 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.

@ Changes in these unit value indexes may reflect changes in quality or product mix as well as price changes.

†† Effective with the Dec. 1989 SURVEY, data for 1981–88 have been revised and are available upon request.

‡‡ Effective with the Mar. 1990 SURVEY, data for 1985–89 have been revised and are available upon request.

## Page S-19

1. Reported annual total; monthly or quarterly revisions are not available.

2. Less than 500 metric tons.

3. Figure suppressed because it did not meet Census publication standards.

4. Beginning with 1989 data, merchandise trade data are based upon two new commodity classification systems; the International Harmonized System and, Revision 3 of the Standard International Trade Classification and, as a result, data may not be directly comparable to 1988 and earlier years.

# Includes data for items not shown separately.

§ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.

‡ Effective with the Jan. 1990 SURVEY, revisions for 1987–88 are available upon request.

## Page S-20

1. Reported annual total; monthly or quarterly revisions are not available.

2. Quarterly data are no longer available.

3. See note 4 for p. S-19.

§ Data are not wholly comparable from year to year because of changes from one classification to another.

@ Includes less than 500 electric generation customers not shown separately.

‡ Effective with the Jan. 1990 SURVEY, revisions for 1987–88 are available upon request.

◇ Effective with the Dec. 1989 SURVEY, revisions for 1987–88 are available upon request.

## 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. Series has been discontinued.

6. 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.

7. Stocks as of Dec. 1.

8. See note 4 for p. S-19.

§ 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

1. Series has been discontinued.

2. See note 4 for p. S-19.

§ Cases of 30 dozen.

## Page S-23

1. Crop estimate for the year.
2. Reported annual total; revisions not distributed to the months.
3. Data suppressed because they did not meet Census publication standards.
4. See note 4 for p. S-19.

# Totals include data for items not shown separately.

## Page S-24

1. Reported annual total; monthly revisions are not available.
2. See note 4 for p. S-19.
3. Less than 500 tons.
4. Beginning in 1990, monthly data have been discontinued. Annual data will continue to be available.

## Page S-25

1. Reported annual total; monthly revisions are not available.
2. For month shown.
3. Effective with Jan. 1989, import data are for consumption; earlier periods of data are General imports. See also note 4 for p. S-19 regarding the introduction of new classification systems.
4. Beginning in 1990, monthly data have been discontinued. Annual data will continue to be available.

@ Includes foreign ores.

§ Source: *Metals Week.*

## Page S-26

1. Reported annual total; monthly revisions are not available.
2. Less than 50 tons.
3. See note 3 for p. S-25.

◇ 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.

† Includes bookings (new orders) for automatic guided vehicles, automated storage and retrieval systems, below hook lifters, cranes, hoists, monorails, racks, shelving, casters and floor trucks, and conveyors.

@@ Price represents North American Mean.

@ Effective with the Sept. 1990 SURVEY, the new orders index numbers have been converted to a new base year of 1987=100. Data back to 1988 are available upon request.

## Page S-27

1. Annual total includes revisions not distributed to the months.
2. See note 4 for p. S-19.
3. Beginning in 1990, quarterly data have been discontinued. Annual data will continue to be available.

# 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. See note 4 for p. S-19.

# Includes data for items not shown separately.

## Page S-29

1. Reported annual total; revisions not allocated to the months.
2. See note 4 for p. S-19.

◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users. See also note "†" for this page.

# Compiled by the American Newspaper Publishers Association.

† Effective with the March 1990 SURVEY, Canadian newsprint statistics have been revised back to Jan. 1982 to exclude supercalendered and some soft-nip calendered paper that was originally classified as newsprint and is now classified as uncoated groundwood papers. This revision also affects estimated consumption. Revised data are available upon request.

## Page S-30

1. Reported annual total; revisions not allocated to the months.
2. Data are being withheld to avoid disclosing data from individual firms.
3. Data cover five weeks; other months, four weeks.
4. Beginning Jan. 1989, sales of industrial plasters are included with building plasters.
5. Nov. 1 estimate of the 1990 crop.

# Includes data for items not shown separately.

◇ Cumulative ginnings to the end of month indicated.

§ Bales of 480 lbs.

## Page S-31

1. Less than 500 bales.
2. Annual total includes revisions not distributed to the months.
3. Average for crop year; Aug. 1–Jul. 31.
4. For five weeks; other months four weeks.
5. See note 4 for p. S-19.
6. Beginning in 1990, data are available only on a quarterly basis.

◇ 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.

* Series first shown in the July 1990 SURVEY.

## Page S-32

1. Annual total includes revisions not distributed to the months.
2. Production of new vehicles (thous. of units) for Sept. 1990: *passenger cars*, 553; *trucks and buses*, 313.
3. Data are reported on an annual basis only.
4. See note 4 for p. S-19.
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 August 1990 SURVEY, data have been revised back to 1987 and are available upon request.

# Total includes backlog for nonrelated products and services and basic research.

§ Domestics 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.

* Series first shown in the August 1990 SURVEY.

† Includes some imported trucks over 10,000 lbs. GVW.

‡ Excludes railroad-owned private refrigerator cars and private line cars.

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