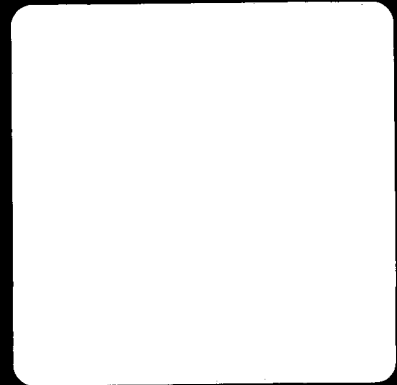


APRIL 1991 / VOLUME 71 NUMBER

4

SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE
ECONOMICS AND STATISTICS ADMINISTRATION / BUREAU OF ECONOMIC ANALYSIS



SURVEY OF CURRENT BUSINESS



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

Annual subscription: *Second-class mail*—\$23.00 domestic, \$23.75 foreign; *first-class mail*—\$52.00. Single copy—\$6.50 domestic, \$8.13 foreign.

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

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

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

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NOTE.—This issue of the SURVEY went to the printer on May 6, 1991. It incorporates data from the following monthly BEA news releases:

Gross National Product (Apr. 26),
Personal Income and Outlays (Apr. 29), and
Composite Indexes of Leading, Coincident, and Lagging
Indicators (May 1).

the BUSINESS SITUATION

NATIONAL income and product account (NIPA) estimates for the first quarter of 1991 paint a picture of the U.S. economy in recession. Real GNP declined 2.8 percent after declining 1.6 percent in the fourth quarter of 1990, and real gross domestic purchases declined 3.8 percent after declining 5.1 percent (chart 1).¹ The last time either of these aggregates registered two consecutive quarterly declines was in the recession of 1981-82.

The recession's impact is also apparent in NIPA estimates of income. Personal income posted its smallest quarterly increase since the 1973-75 recession, and real disposable personal income declined for the third consecutive quarter.

NOTE.—Daniel Larkins of the Current Business Analysis Division was primarily responsible for preparing this article, with contributions from 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 declined 2.4 percent in the first quarter after declining 2.6 percent in the fourth. Growth of real GNP in 1987 dollars, another measure based on more current weights, will be published in "Reconciliation and Other Special Tables" in the May SURVEY OF CURRENT BUSINESS.

Inflation as measured by the (fixed-weight) price index for gross domestic purchases slowed to 3.6 percent in the first quarter from 6.3 percent in the fourth. However, the price index for gross domestic purchases less food and energy—which is frequently used as an estimate of the underlying rate of inflation in the economy—accelerated to a 5.5-percent increase from a 3.9-percent increase; about one-third of the acceleration reflected a pay raise for Federal military and civilian personnel.

The declines in GNP in both the fourth and first quarters were more than accounted for by drops in motor vehicle and construction output. In percentage terms, the weakness in motor vehicle output was especially pronounced; output declined 50.7 percent in the fourth quarter and 42.4 percent in the first. Growth of GNP less motor vehicles and construction was moderate (2.5 percent) in the fourth quarter and weak (0.8 percent) in the first (table 1).²

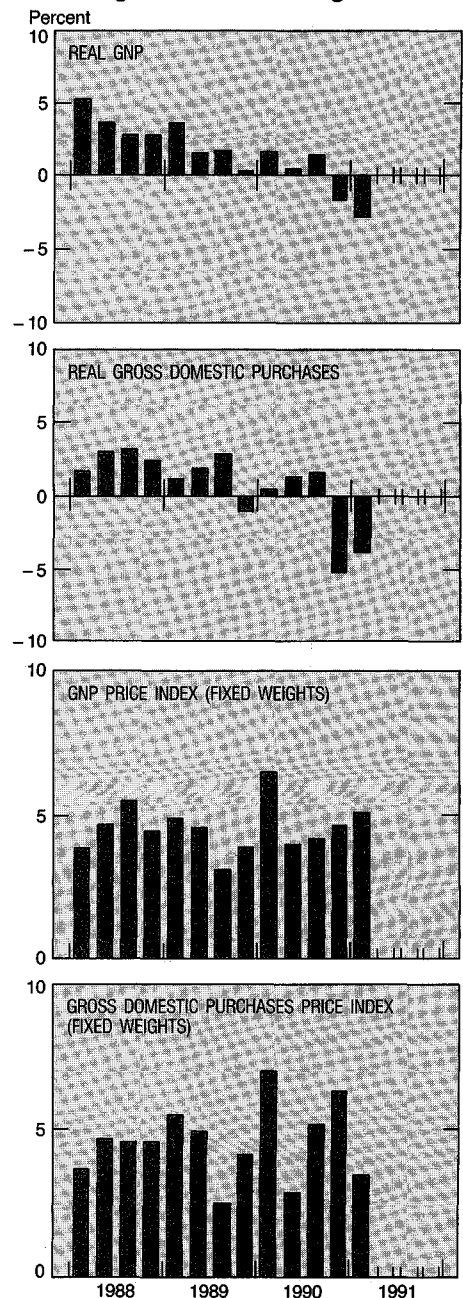
2. The output of the motor vehicle industry is derived by summing auto output (table 1.18) and truck output (table 1.20). The output of the construction industry may be approximated by "structures," shown in table 1.4 of the "Selected NIPA Tables." This approximation excludes maintenance and repair construction and includes brokers' commissions on the sale of structures as well as mining exploration, shafts, and wells; nevertheless, it probably tracks movements in construction output closely. The value of motor vehicle and construction output includes the value of inputs, such as steel, obtained from other industries and from foreign suppliers as imports.

Looking Ahead...

- **National Income and Product Accounts Revision.** The next comprehensive, or benchmark, revision of the national income and product accounts is scheduled for release in November 1991 (see the box on page 7).

- **Local Area Personal Income.** A five-volume publication containing annual estimates of personal income for 1984-89 and supporting detail for metropolitan areas and counties will be available in August from the U.S. Government Printing Office. Order information will appear in an upcoming issue of the SURVEY. (For information on how to obtain these estimates in other formats, see the box on page 37.)

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

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The major components of GNP will be discussed in the May "Business Situation." In summary, personal consumption expenditures, fixed investment, and government purchases declined in the first quarter.

- In *personal consumption expenditures*, motor vehicles accounted for the drop.
- In *fixed investment*, almost every major component declined.
- In *government purchases*, both Federal purchases and State and local purchases declined.

The declines in these three components were partly offset by a moderate increase in net exports and by a small increase in inventory investment (change in business inventories) that resulted from a slowing in the rate of inventory liquidation.

Motor vehicles.—The motor vehicle industry weakened further in the first

quarter. Both production and sales declined for the second consecutive quarter; in terms of units, they declined to the lowest levels since the end of the 1981–82 recession. Inventories remained low.

Domestic car production fell to 5.1 million units (seasonally adjusted annual rate) in the first quarter from 5.6 million in the fourth and 6.9 million in the third. (Manufacturers' production schedules call for a small increase in the second quarter.) Domestic car sales dropped to 6.0 million in the first quarter from 6.6 million in the fourth and 7.2 million in the third. The sharp cuts in production in the last two quarters have kept inventories low: Domestic car inventories declined to 1.1 million at the end of the first quarter from 1.3 million at the end of the fourth. The inventory-sales ratio edged down to 2.1 in the first quarter from 2.3 in the fourth (the industry target is about 2.4).

Car sales to both businesses and consumers declined in the first quarter; most of the weakness was in consumer purchases. The decline in consumer sales reflected the weakness in many of the general factors usually associated with consumer spending. Real disposable personal income declined for the third consecutive quarter, the unemployment rate increased—to its highest level in 4 years—for the third consecutive quarter, and the Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) remained low, despite its first increase in five quarters.

In addition, the decline in consumer sales reflected several factors specific to the motor vehicle industry. New-car prices jumped in the first quarter, at least partly reflecting a scaling back of sales-incentive programs offered by domestic manufacturers and the imposition of a tax on luxury cars in January. Moreover, some consumers appear to have purchased used cars instead of new cars. Manufacturers made available to consumers many of the cars that they had repurchased from businesses as part of attractive fleet-marketing programs offered in the second half of 1990; these repurchased vehicles, known as program cars, have fewer miles and more optional equipment than most used cars and are less expensive than most new cars. Inventories and sales of program cars have become so important in recent quarters that one domestic manufacturer plans to establish dealerships, on a trial basis, that offer only program cars.

Sales of imported cars fell to 2.2 million units in the first quarter from 2.4 million in the fourth.

Sales of new trucks fell to 3.8 million in the first quarter from 4.3 million in the fourth. Light domestic truck sales accounted for most of the decline, but sales of other domestic trucks and of imported trucks also declined. Inventories declined for the third consecutive quarter, reflecting a sharp cutback in the production of domestic trucks.

Prices

The price index for gross domestic purchases and the price index for GNP (both with fixed weights) show different pictures of inflation in the U.S. economy in the first quarter. The price index for gross domestic purchases increased 3.6 percent, down from a 6.3-

Table 1.—Gross National Product, Motor Vehicle Output, and Construction Output

[Seasonally adjusted at annual rates]

	Billions of 1982 dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1990			1991
		1991:I	II	III	IV	I	II	III	IV	I
	Gross national product	4,123.9	4.5	14.9	-16.6	-29.5	0.4	1.4	-1.6	-2.8
Motor vehicle output	123.1	15.3	5.5	-27.3	-18.2	48.3	14.2	-50.7	-42.4
Construction output	333.3	-10.3	-8.1	-11.4	-18.4	-10.4	-8.4	-12.0	-19.3
Gross national product less motor vehicle and construction output	3,667.5	-5	17.5	22.1	7.1	-1	1.9	2.5	.8

NOTE.—Motor vehicle output is derived by summing auto output (table 1.18 of the "Selected NIPA Tables") and truck output (table 1.20). Construction output may be approximated by "structures," shown in table 1.4 of the "Selected NIPA Tables". This approximation excludes maintenance and repair expenditures and includes brokers' commissions as well as mining exploration, shafts, and wells; nevertheless, it probably tracks movements in construction output closely. The value of motor vehicle and construction output includes the value of inputs, such as steel, obtained from other industries and from foreign suppliers as imports.

NOTE.—Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes are differences between these rates. Quarter-to-quarter percent changes are annualized. Real, or constant-dollar, estimates are expressed in 1982 dollars. The advance GNP estimate for the first 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 (2), 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).

percent increase; in contrast, the price index for GNP increased 5.1 percent, up from a 4.7-percent increase (table 2).

For many applications, the price index for gross domestic purchases is preferable to the GNP price index as a measure of U.S. inflation because it measures prices of goods and services *purchased*. (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.) For the past four quarters, larger-than-usual differences between the increases in these two price indexes have reflected large, erratic movements in import prices; export prices have increased moderately. The sharp movements in import prices are largely traceable to petroleum prices, which surged following the Iraqi invasion of Kuwait.

The first-quarter deceleration in gross domestic purchases prices was largely attributable to the plunge in energy prices. Food prices accelerated. As was mentioned earlier, gross domestic purchases less food and energy prices, which may be viewed as a measure of the underlying inflation rate in the U.S. economy, increased 5.5 percent after increasing 3.9 percent (chart 2).

Prices of personal consumption expenditures (PCE) increased 3.2 percent after increasing 7.1 percent. The deceleration was more than accounted for by energy prices. PCE food prices increased 6.5 percent, up from a 4.9-percent increase, partly reflecting an increase in Federal excise taxes on alcohol that took effect in January. "Other PCE" prices increased 5.3 percent after a 4.2-percent increase; the pickup partly reflected an acceleration in the price of new cars and an increase in postal rates.

Among the components of fixed investment, the prices of nonresidential structures and of producers' durable equipment increased about the same as in the fourth quarter; prices of residential structures edged up after a small decline.

Prices of government purchases slowed to a 4.8-percent increase after increasing 6.1 percent. Prices paid by the Federal Government increased 7.7 percent after increasing 5.7 percent; the step-up was more than accounted for by a 4.1-percent Federal pay raise for military and civilian personnel. (Such increases in employee compensation are treated in the NIPA's as an increase in the price of employee services purchased by the Federal Government.) The pay raise accounted for 0.5 percentage point of the first-quarter increase in the price indexes for gross domestic purchases and for GNP. Prices paid by State and local governments increased 2.9 percent after increasing 6.4 percent; the deceleration reflected lower energy prices.

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

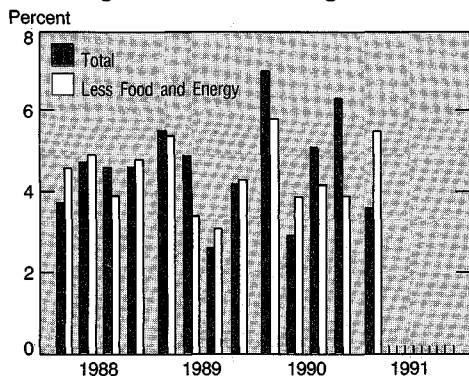
(Percent change at annual rates; based on seasonally adjusted index numbers (1982=100))

	1990			1991
	II	III	IV	I
GNP	3.9	4.2	4.7	5.1
Less: Exports	3.4	2.6	5.0	3.0
Plus: Imports	-7.0	12.6	24.9	-12.7
Equals: Gross domestic purchases	2.9	5.1	6.3	3.6
Less: Change in business inventories				
Equals: Final sales to domestic purchasers	2.9	5.1	6.3	3.5
Personal consumption expenditures	3.1	5.7	7.1	3.2
Food	1.0	4.2	4.9	6.5
Energy	-6.6	21.3	51.2	-23.6
Other personal consumption expenditures	4.6	4.8	4.2	5.3
Nonresidential structures	1.9	2.9	2.2	2.6
Producers' durable equipment	1.4	2.2	4.9	5.1
Residential investment .....	.3	2.4	-6	.1
Government purchases	3.0	4.6	6.1	4.8
Addenda:				
Merchandise imports	-11.3	14.3	34.4	-19.5
Petroleum and products	-56.7	135.7	346.2	-76.3
Other merchandise	-1.1	2.4	5.4	3.1

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

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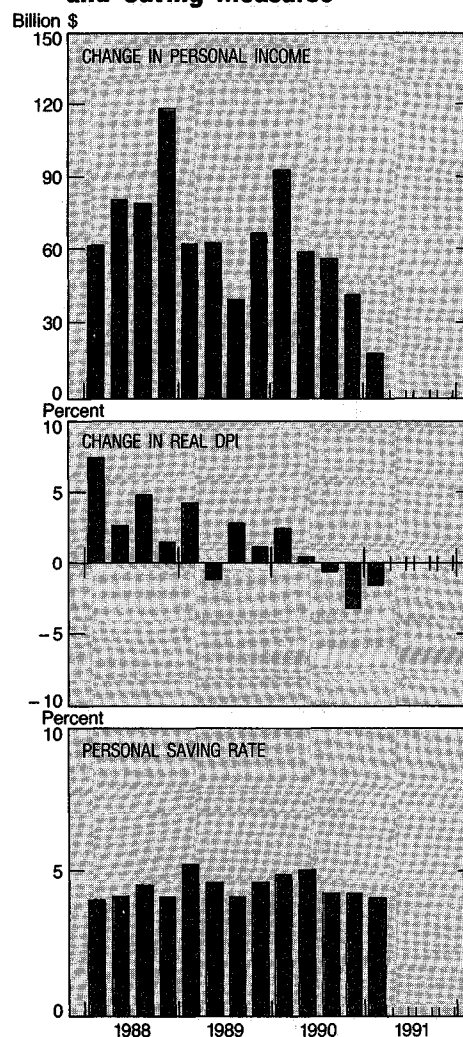
Personal income

Real disposable personal income declined 1.6 percent in the first quarter after declining 3.5 percent in the fourth and 0.7 percent in the third (chart 3). Personal income, which in the NIPA's is only available in current dollars, increased \$16.7 billion in the first quarter, much less than in the past several quarters (table 3). Personal income excluding transfer payments declined.

Wage and salary disbursements increased only slightly in both the first quarter (\$2.4 billion) and in the fourth (\$4.7 billion). Except for services, all the major private industry components of wages and salaries declined in both

CHART 3

Selected Personal Income and Saving Measures



Based on Seasonally Adjusted Annual Rates

NOTE.—Changes are from preceding quarter.

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

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quarters; weakness was particularly evident in construction and in motor vehicle manufacturing. The declines reflected drops in employment and in average weekly hours. (The number of payroll jobs has declined by 1.3 million since September 1990, and hours in the nonfarm business sector have declined for three consecutive quarters.) Government wages and salaries, boosted \$4.8 billion by the pay raise for Federal civilian and military personnel, increased more than in the fourth quarter. Operations Desert Shield and Desert Storm added about \$0.9 billion to military compensation (mainly pay to reservists and hazardous duty pay) in the first quarter, a little more than in the fourth.

Farm proprietors' income declined \$1.8 billion after increasing \$6.4 billion. The downswing was entirely due to Federal farm subsidy payments. Subsidies declined \$3.9 billion after jumping \$10.7 billion in the fourth quarter, when Conserva-

tion Reserve payments and deficiency payments registered strong increases. (Conservation Reserve payments compensate land owners who devote their land to conserving uses under a long-term contract; deficiency payments are made when the market price of a crop is, or is projected to be, below the Federal target price.) Farm income excluding subsidies increased \$2.1 billion in the first quarter after declining in the three preceding quarters; the turnabout largely reflected an upswing in crop prices. Nonfarm proprietors' income declined, reflecting weakness in residential construction and in wholesale and retail trade.

Transfer payments increased \$29.7 billion after increasing \$18.7 billion. The step-up was due to cost-of-living adjustments (COLA's) to benefits under social security and several other Federal retirement and income support programs; the COLA's, which became effective in January, added \$17.8 billion to transfer payments.

Among the other components of personal income, other labor income increased about as much as in the fourth quarter, and personal dividend income was unchanged. Personal interest income declined, reflecting recent drops in interest rates. Rental income declined after an increase; the decline mainly reflected a drop in royalty income that resulted from lower oil prices.

Personal contributions for social insurance, which are subtracted in deriving the personal income total, increased \$8.2 billion after increasing \$0.3 billion. The first-quarter increase was largely due to several program changes:

- An increase in the social security taxable wage base for employees from \$51,300 to \$53,400,
- Increases in the rate and taxable base for social security contributions paid by the self-employed,
- An increase in the medicare taxable wage base from \$51,300 to \$125,000, and
- An increase in the monthly premium for supplementary medical insurance.

Personal tax and nontax payments increased \$1.7 billion after increasing \$7.1 billion. The slowdown reflected both slower growth in the taxable earnings base and an adjustment to the 1991 withholding tables for Federal income tax to reflect the indexing provisions of the tax law.

Personal outlays (largely PCE) increased slightly more than disposable personal income, and thus personal saving declined. The personal saving rate dipped 0.1 percentage point to 4.1 percent.

Corporate Profits and Property Income in 1990

Profits from current production—profits before tax plus inventory valuation adjustment and capital consumption adjustment—declined \$13.3 billion in 1990, to \$298.3 billion, after declining \$26.0 billion in 1989 (table 4). The last time profits declined for 2 years in a row was in 1969–70.

Profits of domestic nonfinancial corporations dropped \$21.5 billion after dropping \$25.0 billion. Both declines reflected drops in unit profits that resulted from smaller increases in prices

Table 3.—Personal Income and Its Disposition
[Billions of dollars; seasonally adjusted at annual rates]

	Level 1991:I	Change from preceding quarter			
		1990			1990
		II	III	IV	I
Wage and salary disbursements	2,741.3	44.7	37.9	4.7	2.4
Commodity-producing industries	712.8	6.5	4.2	-9.3	-13.2
Manufacturing	336.9	6.9	3.7	-3.7	-9.2
Other	175.9	-4	5	-3.6	-4.0
Distributive industries	640.0	10.3	5.4	-8	-1.9
Service industries	858.8	19.3	22.7	8.1	5.8
Government and government enterprises	529.8	8.6	5.6	6.8	11.7
Other labor income	266.2	3.6	3.6	3.2	3.0
Proprietors' income	403.0	-2.3	-3.8	8.3	-3.2
Farm	47.0	-6.4	-8.6	6.4	-1.8
Nonfarm	356.0	4.2	4.8	1.8	-1.4
Rental income of persons	6.9	-1.2	4.1	.9	-2.4
Personal dividend income	126.7	2.4	2.0	1.8	0
Personal interest income	683.4	7.5	7.3	2.6	-4.5
Transfer payments	744.8	5.8	9.7	18.7	29.7
Less: Personal contributions for social insurance	237.1	1.2	4.5	.3	8.2
Personal income	4,735.2	59.4	56.3	40.0	16.7
Less: Personal tax, and nontax payments	718.3	21.4	13.0	7.1	1.7
Equals: Disposable personal income	4,016.9	38.0	43.4	32.8	15.0
Less: Personal outlays	3,851.0	34.2	72.0	31.8	16.6
Equals: Personal saving	165.9	3.8	-28.6	1.0	-1.6
Addenda: Special factors in personal income:					
In wages and salaries:					
Federal Government and Postal Service pay adjustments .....		.5	.3	.3	4.8
Operation Desert Shield/Storm military personnel compensation .....			.3	.7	.9
In farm proprietors' income:					
Agricultural subsidy payments		-5.1	-6.3	10.7	-3.9
In transfer payments:					
Social security retroactive payments .....		.4	-4	1.2	-1.2
Cost-of-living increases in Federal transfer payments					17.8
Japanese-American World War II internee payments				1.8	-1.7
In personal contributions for social insurance:					
Social security rate and base changes and increase in premium for supplementary medical insurance					7.0

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

than in costs. Unit prices increased 3.7 percent in both years; unit costs increased 5.3 percent in 1989 and 4.8 percent in 1990.

Profits of domestic financial corporations increased \$2.1 billion after declining \$8.6 billion. Profits of insurance companies rebounded somewhat after having been hard hit in 1989 by claims arising from Hurricane Hugo and the Loma Prieta earthquake. Profits of savings and loan associations improved, largely reflecting the transfer of insolvent thrifts to the Resolution Trust Corporation.

Profits from the rest of the world increased \$6.0 billion after increasing \$7.6 billion. Much of the change in 1990 reflected a drop in profits earned by U.S. affiliates of foreign corporations, which are subtracted in calculating rest-of-the-world profits.

Related measures.—Cash flow from current production, a profits-related measure of internally generated funds available to corporations for investment, declined \$4.1 billion in 1990 after declining \$14.1 billion in 1989. As a percentage of nonresidential fixed investment, cash flow was 75.4 percent in 1990, down from 78.0 percent in 1989. In 1986–88, cash flow averaged 85.6 percent of nonresidential fixed investment.

Table 4.—Corporate Profits

	Level		Change
	1990	1989	1990
	Billions of dollars		
Profits from current production	298.3	-26.0	-13.3
Domestic	241.4	-33.6	-19.3
Financial	21.8	-8.6	2.1
Nonfinancial	219.5	-25.0	-21.5
Rest of the world	56.9	7.6	6.0
Inventory valuation adjustment	-11.4	5.3	10.3
Capital consumption adjustment	4.9	-22.3	-20.6
Profits before tax	304.7	-9.0	-3.0
Profits tax liability	132.1	-1.1	-3.0
Profits after tax	172.5	-7.9	-1
Profits by industry:			
Profits before tax with IVA	293.3	-3.7	7.2
Domestic	236.4	-11.3	1.2
Financial	18.7	-7.0	3.3
Nonfinancial	217.7	-4.3	-2.1
Manufacturing	88.8	-10.4	-7.3
Trade	41.5	1.6	2.8
Transportation and public utilities	41.6	-5	-2.0
Other	45.9	5.0	4.5
Rest of the world	56.9	7.6	6.0
	Dollars		
Unit prices, costs, and profits of domestic nonfinancial corporations:			
Unit price	1.217	0.042	0.043
Unit labor cost .....	.817	.032	.035
Unit nonlabor cost .....	.309	.021	.016
Unit profits from current production .....	.090	-.012	-.009

NOTE.—Levels of these and other profits series are found in tables 1.14, 1.16, 6.18B, and 7.18 of the "Selected NIPA Tables."
IVA Inventory valuation adjustment

Profits before tax (PBT) declined \$3.0 billion after declining \$9.0 billion. The much smaller declines in PBT than in profits from current production in both 1989 and 1990 reflected declines in the capital consumption adjustment (CCAdj) that were only partly offset by increases in the inventory valuation adjustment.

The CCAdj is the difference between the predominantly tax-based depreciation measure that underlies PBT, on the one hand, and BEA's estimate of economic depreciation, on the other. The CCAdj declined \$20.6 billion in 1990 after declining \$22.3 billion in 1989. These declines reflected the continuing impact of the Tax Reform Act of 1986 (TRA) on the calculation of depreciation for tax purposes; the TRA mandates that longer service lives be used in calculating tax-based depreciation. (However, these service lives are still shorter than those used in estimating economic depreciation.) As

assets subject to the TRA have replaced assets with shorter tax service lives in the stock of depreciable assets, the CCAdj has declined. Most of the assets in the stock of depreciable assets are now subject to the TRA, and the downtrend in the CCAdj is expected to reverse itself in the next year or two.

The inventory valuation adjustment is an estimate of the inventory profits that are included in PBT, with the sign reversed. Inventory profits declined \$10.3 billion in 1990 after declining \$5.3 billion in 1989. The declines reflected a slowing in the rate of increase of prices of inventoried goods held by corporations using non-LIFO inventory methods. For example, in 1990 the increase in the Producer Price Index, a major source of information on inventory prices, slowed to 3.7 percent from 5.0 percent.

Property income

Corporate property income consists of net interest payments as well

Table 5.—Property Income of Domestic Nonfinancial Corporations and Related Series, 1948–90

Year	Property income					Domestic income	Net reproducible assets ¹
	Total	Profits from current production			Net interest		
		Total	Profits tax liability	Profits after tax			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1948	27.5	26.6	11.8	14.8	0.9	115.2	186.9
1949	24.9	23.9	9.3	14.6	1.0	110.1	198.9
1950	31.5	30.6	16.9	13.7	.9	126.2	214.2
1951	35.8	34.7	21.2	13.5	1.1	146.0	241.1
1952	33.0	31.7	17.8	13.9	1.2	151.1	261.1
1953	32.8	31.5	18.5	13.1	1.3	161.5	274.1
1954	31.7	30.1	15.6	14.5	1.6	158.1	284.8
1955	41.7	40.0	20.2	19.8	1.6	180.0	302.4
1956	39.8	38.1	20.1	18.0	1.8	191.1	333.7
1957	39.3	37.0	19.1	18.0	2.2	198.2	362.5
1958	35.0	32.2	16.2	16.1	2.7	190.7	376.9
1959	45.2	42.1	20.7	21.4	3.1	216.7	389.5
1960	42.7	39.2	19.2	20.1	3.5	223.9	404.3
1961	44.0	40.1	19.5	20.6	4.0	229.4	415.1
1962	51.8	47.3	20.6	26.7	4.5	252.0	428.4
1963	57.7	52.8	22.8	30.1	4.8	268.7	445.8
1964	64.6	59.3	24.0	35.3	5.3	291.2	468.0
1965	75.2	69.1	27.2	41.9	6.1	321.7	500.1
1966	81.1	73.7	29.5	44.2	7.4	355.0	547.7
1967	79.3	70.5	27.8	42.6	8.8	371.5	600.6
1968	84.9	74.8	33.6	41.2	10.1	408.1	656.9
1969	82.8	69.6	33.3	36.3	13.2	441.6	725.3
1970	72.5	55.4	27.2	28.3	17.1	451.2	795.2
1971	83.3	65.2	29.9	35.2	18.1	485.3	864.3
1972	94.9	75.7	33.8	41.9	19.2	541.9	936.8
1973	104.9	82.4	40.2	42.2	22.5	610.8	1,039.7
1974	97.7	69.4	42.2	27.2	28.3	654.5	1,239.8
1975	120.3	91.6	41.5	50.2	28.7	700.7	1,436.7
1976	140.7	113.3	53.0	60.3	27.5	797.1	1,570.1
1977	165.5	134.9	59.9	75.0	30.6	906.5	1,729.3
1978	181.8	146.0	67.1	78.9	35.9	1,029.2	1,956.2
1979	182.6	139.1	69.6	69.5	43.5	1,144.7	2,233.4
1980	178.7	123.1	67.0	56.1	55.5	1,229.7	2,532.8
1981	211.8	144.2	63.9	80.3	67.5	1,372.3	2,855.0
1982	188.5	111.9	46.3	65.6	76.6	1,392.4	3,073.9
1983	235.4	165.6	59.4	106.1	69.8	1,501.5	3,170.1
1984	302.7	222.4	73.5	148.9	80.3	1,702.5	3,308.1
1985	306.4	225.3	69.9	155.4	81.1	1,796.1	3,467.9
1986	302.4	214.0	75.4	138.6	88.4	1,869.5	3,592.5
1987	339.2	246.0	93.3	152.7	93.2	2,002.8	3,759.4
1988	364.0	266.0	102.2	163.8	98.0	2,165.6	3,979.1
1989	361.5	241.0	101.4	139.6	120.5	2,263.8	4,203.5
1990	349.9	219.5	96.3	123.2	128.4	2,331.3	4,384.7

1. Structures, equipment, and inventories, valued at current replacement cost. Data are averages of end of year values for adjacent years.
NOTE.—Property income is profits from current production plus net interest. Profits from current production is corporate profits with inventory valuation adjustment and capital consumption adjustment. Profits after tax is also shown with inventory valuation adjustment and capital consumption adjustment. Current data on most series are shown in tables 1.14 and 1.16 of the "Selected NIPA Tables." The value of structures and equipment through 1981 are available in *Fixed Reproducible Tangible Wealth in the United States, 1925-85*, (Washington DC: U.S. Government Printing Office, 1987). Structures and equipment data for 1982-89 are from the September 1990 SURVEY OF CURRENT BUSINESS; data for 1990 and all data on inventories of nonfinancial corporations are unpublished BEA estimates.

as profits from current production. For domestic nonfinancial corporations, net interest payments increased \$7.9 billion in 1990 after increasing \$22.5 billion in 1989.

Chart 4 and table 5 provide a perspective on the recent increases in both types of property income. From 1970 to 1990, both types trended up, but the upward trend in net interest—an average annual rate of increase of 10.6 percent—was stronger than that

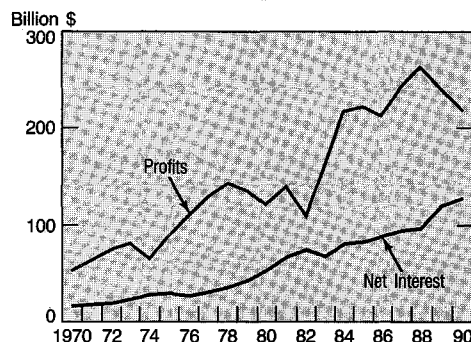
in profits—an average annual rate of increase of 7.2 percent. As a result, the share of net interest in property income rose from 23.6 percent in 1970 to 36.7 percent in 1990. It is also worth noting that profits showed more sensitivity to the business cycle than did net interest: Profits declined markedly in the recession years of 1974, 1980, 1982, as well as in 1989 and 1990, when economic growth slowed; in contrast, net interest increased in each of these years.

A perspective can also be gained by examining property income in relation to the net reproducible assets and domestic income of domestic nonfinancial corporations. (Net reproducible assets consist of fixed capital stock and inventories, both measured at current replacement cost; domestic income is property income plus compensation of employees.) The ratio of property income to the value of net reproducible assets is the rate of return on these assets—that is, the rate of return, or yield, on “capital.” A rate of return

calculated in this way is an estimate of the profitability of new investment (assuming no change in the mix). The use of property income, rather than profits alone, as the numerator of this ratio reflects the assumption that a corporation's decision to invest in plant, equipment, and inventories depends on its estimate of the income stream that will flow from that investment. Given that estimate, the decision on whether to finance the investment out of equity or debt—that is, whether the income stream will take the form of profits or of interest—is a separate question one presumably determined by financial considerations. (Rates of return can be calculated in many other ways; several are discussed in some detail in the April 1989 SURVEY.)

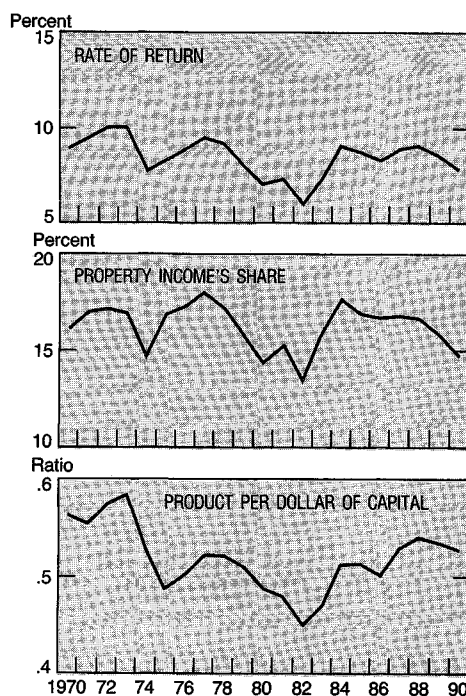
The ratio of property income to domestic income is property income's share of domestic income—that is, the fraction of domestic income that is not used to compensate labor. Property income's share is related to the rate of return by a third ratio—the ratio of

CHART 4
Profits From Current Production and Net Interest, Domestic Nonfinancial Corporations, 1970-90



U.S. Department of Commerce, Bureau of Economic Analysis 91-4-4

CHART 5
Selected Ratios, Domestic Nonfinancial Corporations, 1970-90



U.S. Department of Commerce, Bureau of Economic Analysis 91-4-5

Table 6.—Selected Ratios, Domestic Nonfinancial Corporations, 1948-90
[Percent]

Year	Rate of return				Share of domestic income			Average product of capital	
	Total	Property income			Total	Property income			
		Total	Profits tax liability	Profits after tax		Profits from current production	Net interest		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1948	14.7	14.2	6.3	7.9	0.5	23.8	23.1	0.8	0.618
1949	12.5	12.0	4.7	7.3	.5	22.6	21.7	.9	.553
1950	14.7	14.3	7.9	6.4	.4	25.0	24.2	.7	.588
1951	14.8	14.4	8.8	5.6	.5	24.5	23.8	.8	.604
1952	12.6	12.1	6.8	5.3	.5	21.8	21.0	.8	.578
1953	12.0	11.5	6.7	4.7	.5	20.3	19.5	.8	.591
1954	11.1	10.6	5.5	5.1	.6	20.1	19.1	1.0	.552
1955	13.7	13.2	6.7	6.5	.5	23.2	22.2	.9	.591
1956	11.9	11.4	6.0	5.4	.5	20.8	19.9	.9	.572
1957	10.8	10.2	5.3	4.9	.6	19.8	18.7	1.1	.508
1958	9.3	8.5	4.3	4.2	.7	18.3	16.9	1.4	.505
1959	11.6	10.8	5.3	5.5	.8	20.9	19.4	1.4	.555
1960	10.6	9.7	4.7	4.9	.9	19.1	17.5	1.6	.555
1961	10.6	9.7	4.8	5.0	1.0	19.2	17.5	1.7	.552
1962	12.1	11.0	4.8	6.2	1.1	20.6	18.8	1.8	.587
1963	12.9	11.8	5.1	6.7	1.1	21.5	19.7	1.8	.600
1964	13.8	12.7	5.1	7.5	1.1	22.2	20.3	1.8	.622
1965	15.0	13.8	5.4	8.4	1.2	23.4	21.5	1.9	.641
1966	14.8	13.5	5.4	8.1	1.4	22.8	20.8	2.1	.649
1967	13.2	11.7	4.6	7.1	1.5	21.3	19.0	2.4	.620
1968	12.9	11.4	5.1	6.3	1.5	20.8	18.3	2.5	.620
1969	11.4	9.6	4.6	5.0	1.8	18.7	15.8	3.0	.610
1970	9.1	7.0	3.4	3.5	2.2	16.1	12.3	3.8	.565
1971	9.6	7.5	3.5	4.1	2.1	17.2	13.4	3.7	.558
1972	10.1	8.1	3.6	4.5	2.0	17.5	14.0	3.5	.577
1973	10.1	7.9	3.9	4.1	2.2	17.2	13.5	3.7	.587
1974	7.9	5.6	3.4	2.2	2.3	14.9	10.6	4.3	.530
1975	8.4	6.4	2.9	3.5	2.0	17.2	13.1	4.1	.488
1976	9.0	7.2	3.4	3.8	1.8	17.7	14.2	3.4	.508
1977	9.6	7.8	3.5	4.3	1.8	18.3	14.9	3.4	.525
1978	9.3	7.5	3.4	4.0	1.8	17.7	14.2	3.5	.525
1979	8.2	6.2	3.1	3.1	1.9	16.0	12.2	3.8	.513
1980	7.1	4.9	2.6	2.2	2.4	14.5	10.0	4.5	.490
1981	7.4	5.1	2.2	2.8	2.2	15.4	10.5	4.9	.481
1982	6.1	3.6	1.5	2.1	2.5	13.5	8.0	5.5	.452
1983	7.4	5.2	1.9	3.4	2.2	15.7	11.0	4.6	.471
1984	9.2	6.7	2.2	4.5	2.4	17.8	13.1	4.7	.517
1985	8.8	6.5	2.0	4.5	2.3	17.1	12.5	4.5	.515
1986	8.4	6.0	2.1	3.9	2.5	16.7	11.4	4.7	.503
1987	9.0	6.5	2.5	4.1	2.5	16.9	12.3	4.7	.533
1988	9.1	6.7	2.6	4.1	2.5	16.8	12.3	5.2	.542
1989	8.6	5.7	2.4	3.3	2.9	16.0	10.6	5.3	.538
1990	7.9	5.0	2.2	2.8	2.9	14.9	9.4	5.5	.530

Source: Table 5.

NOTE.—Columns 1-5 are percentages of the stock of net reproducible assets (structures, equipment, and inventories) valued at current replacement cost. Columns 6-8 are percentages of domestic income. Column 9 is calculated as the ratio of column 4 to column 1.

domestic income to the value of net reproducible assets, which measures the average annual product per dollar of capital. (It should be noted that this ratio is not appropriate for use in productivity analysis; for productivity analysis, the denominator should measure capital services, not capital stock.)

The three ratios are plotted for 1970-90 in chart 5 and are reported, along with related ratios, for 1948-

90 in table 6. From the table, it seems clear that shifts in the rate of return (column 1) and in property income's share (column 6) occurred around 1970. The rate of return fell from an average of 12.6 percent in 1948-69 to an average of 8.6 percent in 1970-89; property income's share fell from an average of 21.4 percent to an average of 16.4 percent. These declines are traceable to profits; net interest's rate of return (column 5) and

its share of domestic income (column 8) increased. The occurrence of the shifts at about the time that the ratios would be expected to fall for cyclical reasons complicates both the dating and the explanation of the shifts.

In 1990, property income's rate of return and its share of domestic income fell to the lowest levels since 1983 and 1982, respectively. Lower profits were responsible for the declines in both ratios.

Comprehensive Revision of the NIPA's

Revised and updated estimates of the national income and product accounts (NIPA's) resulting from a comprehensive, or benchmark, revision are scheduled for release at the end of November 1991 and will appear in the November SURVEY OF CURRENT BUSINESS. These estimates will incorporate statistical revisions resulting from (1) newly available source data, such as the 1982 benchmark input-output tables, the 1987 Economic Censuses, and several annual surveys for 1989 and 1990, (2) changes in methodology, and (3) a shift, from 1982 to 1987, in the base period used to express constant-dollar GNP in prices of a single period. The estimates will also reflect changes in definitions and classifications. In addition, table formats will be revised and new series presented. The most important of the new series will be alternative measures of constant-dollar GNP; these measures, described in the April 1989 SURVEY, involve approaches to weighting that use prices for more than one year. The changes to be introduced in the comprehensive revision will be described in a SURVEY article this summer.

In general, the statistical revisions will affect the estimates back to 1978, the changes in definitions and classifications will affect the estimates as far back as necessary, and the shift in base period will affect the estimates back to 1929. The estimates released in November will be limited to 1959 forward and will exclude the GNP by industry series; estimates for earlier periods and for the industry series will be released during 1992.

The annual NIPA revision covering 1988-90, which would usually be released in July 1991, will be postponed and combined with the comprehensive revision. The July SURVEY will include tables showing detailed annual estimates for 1990 on an unrevised basis (in addition to those that appear monthly in the "Selected NIPA Tables").

As a result of the postponement of the annual revision, the release date for the advance estimate of second-quarter GNP has been rescheduled from July 30 to July 26, 1991. Likewise, the release date for June personal income and outlays has been rescheduled from July 31 to July 29, 1991.

NATIONAL INCOME AND PRODUCT ACCOUNTS

Selected NIPA Tables

New estimates in this issue: First quarter 1991, 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]

	1989	1990	Seasonally adjusted at annual rates					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	5,200.8	5,465.1	5,289.3	5,375.4	5,443.3	5,514.6	5,527.3	5,562.3
Personal consumption expenditures ¹	3,450.1	3,657.3	3,518.5	3,588.1	3,622.7	3,693.4	3,724.9	3,741.1
Durable goods	474.6	480.3	471.2	492.1	478.4	482.3	468.5	456.8
Nondurable goods	1,130.0	1,193.7	1,148.8	1,174.7	1,179.0	1,205.0	1,216.0	1,209.8
Services ¹	1,845.5	1,983.3	1,898.5	1,921.3	1,965.3	2,006.2	2,040.4	2,074.5
Gross private domestic investment	771.2	741.0	762.7	747.2	759.0	759.7	698.3	673.4
Fixed investment	742.9	746.1	737.7	758.9	745.6	750.7	729.2	696.2
Nonresidential	511.9	524.1	511.8	523.1	516.5	532.8	524.0	506.3
Structures	146.2	147.0	147.1	148.8	147.2	149.8	142.1	139.2
Producers' durable equipment	365.7	377.1	364.7	374.3	369.3	383.0	381.9	367.1
Residential	231.0	222.0	225.9	235.9	229.1	217.9	205.2	189.9
Change in business inventories	28.3	-5.0	25.0	-11.8	13.4	9.0	-30.8	-22.9
Nonfarm	23.3	-7.4	24.1	-17.0	13.0	6.8	-32.4	-27.9
Farm	5.0	2.4	.9	5.3	.5	2.2	1.5	5.1
Net exports of goods and services ¹	-46.1	-31.2	-35.3	-30.0	-24.9	-41.3	-28.8	7.5
Exports ¹	626.2	672.8	642.8	661.3	659.7	672.7	697.4	692.2
Imports ¹	672.3	704.0	678.1	691.3	684.6	714.1	726.2	684.7
Government purchases of goods and services	1,025.6	1,098.1	1,043.3	1,070.1	1,086.4	1,102.8	1,132.9	1,140.2
Federal	400.0	424.0	399.9	410.6	421.9	425.8	437.6	442.3
National defense	301.1	313.6	299.2	307.2	309.6	312.6	325.0	330.0
Nondefense	98.9	110.4	100.7	103.4	112.3	113.2	112.6	112.3
State and local	625.6	674.1	643.4	659.6	664.6	677.0	695.3	697.9

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9
Personal consumption expenditures ¹	2,656.8	2,681.6	2,669.9	2,677.3	2,678.8	2,696.8	2,673.6	2,664.1
Durable goods	428.0	427.4	423.1	437.6	426.8	429.5	415.6	403.9
Nondurable goods	919.9	911.1	923.0	915.6	911.2	916.4	901.2	894.6
Services ¹	1,309.0	1,343.1	1,323.8	1,324.2	1,340.8	1,350.8	1,356.7	1,365.5
Gross private domestic investment	716.9	688.7	709.1	700.7	700.7	697.0	656.3	630.2
Fixed investment	693.1	692.3	690.2	702.9	691.2	692.3	682.7	650.8
Nonresidential	506.1	515.4	508.4	514.6	508.4	519.3	519.4	499.6
Structures	122.4	120.9	123.1	123.8	120.9	122.4	116.4	113.0
Producers' durable equipment	383.7	394.6	385.4	390.8	387.5	397.0	403.1	386.5
Residential	187.0	176.8	181.8	188.3	182.8	173.0	163.3	151.2
Change in business inventories	23.8	-3.6	18.9	-2.2	9.5	4.7	-26.4	-20.7
Nonfarm	18.7	-5.1	15.3	-8.2	11.6	4.7	-28.5	-25.5
Farm	5.0	1.5	3.6	6.0	-2.1	0	2.1	4.8
Net exports of goods and services ¹	-54.1	-33.8	-47.9	-35.4	-44.6	-46.5	-8.8	2.2
Exports ¹	593.3	631.5	611.6	628.1	620.1	630.5	647.2	646.5
Imports ¹	647.4	665.3	659.4	663.5	664.7	677.0	656.0	644.3
Government purchases of goods and services	798.1	820.8	802.2	807.9	820.2	822.7	832.3	827.5
Federal	334.9	343.7	332.7	333.0	345.9	346.0	349.9	346.8
National defense	256.3	258.7	255.5	254.4	256.5	258.2	265.7	265.2
Nondefense	78.7	85.0	77.2	78.6	89.4	87.8	84.2	81.6
State and local	463.2	477.1	469.5	475.0	474.3	476.7	482.4	480.7

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	5,200.8	5,465.1	5,289.3	5,375.4	5,443.3	5,514.6	5,527.3	5,562.3
Final sales	5,172.5	5,470.2	5,264.3	5,387.2	5,429.9	5,505.6	5,558.2	5,585.1
Change in business inventories	28.3	-5.0	25.0	-11.8	13.4	9.0	-30.8	-22.9
Goods	2,072.7	2,143.3	2,085.9	2,111.0	2,146.6	2,170.4	2,145.0	2,144.8
Final sales	2,044.4	2,148.3	2,060.9	2,122.8	2,133.1	2,161.4	2,175.9	2,167.7
Change in business inventories	28.3	-5.0	25.0	-11.8	13.4	9.0	-30.8	-22.9
Durable goods	906.6	928.0	907.4	919.9	930.1	953.2	908.7	892.6
Final sales	894.7	939.1	894.2	941.4	930.1	943.4	941.2	920.4
Change in business inventories	11.9	-11.1	13.2	-21.6	0	9.8	-32.5	-27.9
Nondurable goods	1,166.0	1,215.3	1,178.6	1,191.2	1,216.4	1,217.2	1,236.3	1,252.3
Final sales	1,149.6	1,209.3	1,166.7	1,181.4	1,203.0	1,218.0	1,234.7	1,247.2
Change in business inventories	16.4	6.0	11.9	9.8	13.4	-8	1.7	5.0
Services	2,671.2	2,864.5	2,747.5	2,791.3	2,834.2	2,889.6	2,943.0	2,999.9
Structures	456.9	457.4	455.9	473.0	462.5	454.6	439.3	417.6

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9
Final sales	4,094.0	4,160.9	4,114.4	4,152.8	4,145.6	4,165.3	4,179.8	4,144.6
Change in business inventories	23.8	-3.6	18.9	-2.2	9.5	4.7	-26.4	-20.7
Goods	1,829.5	1,829.3	1,823.1	1,825.4	1,831.3	1,839.7	1,821.0	1,798.6
Final sales	1,805.7	1,832.9	1,804.3	1,827.6	1,821.8	1,835.0	1,847.4	1,819.2
Change in business inventories	23.8	-3.6	18.9	-2.2	9.5	4.7	-26.4	-20.7
Durable goods	907.5	920.6	904.4	914.3	919.1	941.1	908.0	889.3
Final sales	897.7	930.1	894.2	932.1	919.5	932.9	936.0	912.1
Change in business inventories	9.8	-9.5	10.2	-17.7	-3	8.3	-28.1	-22.8
Nondurable goods	922.0	908.7	918.7	911.0	912.2	898.5	913.0	909.3
Final sales	908.0	902.8	910.1	895.5	902.4	902.1	911.4	907.2
Change in business inventories	13.9	5.9	8.6	15.5	9.8	-3.6	1.6	2.1
Services	1,915.6	1,961.0	1,939.7	1,943.7	1,952.5	1,967.3	1,980.7	1,992.1
Structures	372.7	366.9	370.4	381.5	371.2	363.1	351.7	333.3

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]

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Gross national product	5,200.8	5,465.1	5,289.3	5,375.4	5,443.3	5,514.6	5,527.3	5,562.3	
Less: Exports of goods and services ¹	626.2	672.8	642.8	661.3	659.7	672.7	697.4	692.2	
Plus: Imports of goods and services ¹	672.3	704.0	678.1	691.3	684.6	714.1	726.2	684.7	
Equals: Gross domestic purchases²	5,246.9	5,496.4	5,324.6	5,405.3	5,468.2	5,555.9	5,556.1	5,554.8	
Less: Change in business inventories	28.3	-5.0	25.0	-11.8	13.4	9.0	-30.8	-22.9	
Equals: Final sales to domestic purchasers³	5,218.6	5,501.4	5,299.6	5,417.1	5,454.7	5,546.9	5,586.9	5,577.6	

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]

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Gross national product	5,200.8	5,465.1	5,289.3	5,375.4	5,443.3	5,514.6	5,527.3	5,562.3	
Gross domestic product	5,163.2	5,423.4	5,246.5	5,333.8	5,411.7	5,471.7	5,476.5	5,509.3	
Business	4,418.1	4,619.2	4,483.1	4,551.8	4,613.5	4,659.6	4,652.1	4,665.0	
Nonfarm	4,346.6	4,527.8	4,399.5	4,455.8	4,522.1	4,571.4	4,562.1	4,572.4	
Nonfarm less housing	3,915.3	4,068.8	3,955.8	4,007.6	4,067.5	4,106.9	4,093.1	4,099.8	
Housing	431.2	459.1	443.7	448.1	454.7	464.4	469.0	472.6	
Farm	88.6	93.1	86.7	95.3	94.6	93.1	89.6	92.1	
Statistical discrepancy	-17.0	-1.7	-3.0	.7	-3.2	-4.9	.4	.4	
Households and institutions	203.6	224.8	210.3	215.0	221.4	229.3	233.4	237.9	
Private households	10.3	10.8	10.4	10.5	10.8	10.9	11.0	11.1	
Nonprofit institutions	193.3	214.0	199.9	204.5	210.6	218.4	222.4	226.8	
Government	541.6	579.4	553.0	567.0	576.7	582.8	591.0	606.4	
Federal	168.6	178.5	169.7	176.6	179.2	178.3	179.8	188.6	
State and local	373.0	400.9	383.3	390.4	397.5	404.5	411.2	417.8	
Rest of the world	37.6	41.7	42.8	41.6	31.6	42.9	50.8	53.0	
Addendum:									
Gross domestic business product less housing	3,978.4								

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]

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9	
Less: Exports of goods and services ¹	593.3	631.5	611.6	628.1	620.1	630.5	647.2	646.5	
Plus: Imports of goods and services ¹	647.4	665.3	659.4	663.5	664.7	677.0	656.0	644.3	
Equals: Gross domestic purchases²	4,171.8	4,191.1	4,181.1	4,185.9	4,199.7	4,216.5	4,162.2	4,121.7	
Less: Change in business inventories	23.8	-3.6	18.9	-2.2	9.5	4.7	-26.4	-20.7	
Equals: Final sales to domestic purchasers³	4,148.1	4,194.7	4,162.2	4,188.1	4,190.1	4,211.8	4,188.6	4,142.4	

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 1.8.—Gross National Product by Sector in Constant Dollars

[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9	
Gross domestic product	4,087.6	4,125.4	4,099.5	4,118.2	4,130.6	4,137.5	4,115.2	4,084.8	
Business	3,557.9	3,581.1	3,564.4	3,580.0	3,587.2	3,590.8	3,566.7	3,533.7	
Nonfarm	3,492.9	3,502.5	3,487.5	3,500.3	3,510.3	3,514.3	3,485.1	3,453.0	
Nonfarm less housing	3,196.0	3,200.4	3,187.8	3,199.1	3,208.4	3,211.9	3,182.1	3,149.3	
Housing	296.9	302.1	299.7	301.2	301.8	302.4	303.1	303.7	
Farm	78.8	80.0	79.3	79.1	79.4	80.2	81.2	80.4	
Statistical discrepancy	-13.8	-1.3	-2.4	.6	-2.5	-3.7	.3	.3	
Households and institutions	146.2	154.5	149.2	150.8	153.6	156.7	157.0	158.1	
Private households	9.5	9.7	9.7	9.7	9.8	9.8	9.7	9.7	
Nonprofit institutions	136.6	144.8	139.6	141.2	143.7	146.9	147.3	148.4	
Government	383.5	389.7	385.9	387.4	389.9	390.0	391.5	393.0	
Federal	126.5	127.6	126.8	127.0	128.2	127.4	127.8	128.7	
State and local	257.0	262.1	259.2	260.4	261.7	262.7	263.6	264.4	
Rest of the world	30.2	31.9	33.7	32.4	24.5	32.6	38.2	39.1	
Addendum:									
Gross domestic business product less housing	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]

	1989	1990	Seasonally adjusted at annual rates					1991
			1990					
			IV	I	II	III	IV	
Gross national product	5,200.8	5,465.1	5,289.3	5,375.4	5,443.3	5,514.6	5,527.3	5,562.3
Less: Capital consumption allowances with capital consumption adjustment	554.4	575.6	572.5	567.0	571.1	579.3	585.1	591.1
Capital consumption allowances without capital consumption adjustment	541.9	540.5	544.3	538.6	539.3	540.7	543.3	548.0
Less: Capital consumption adjustment	-12.6	-35.1	-28.2	-28.4	-31.8	-38.6	-41.8	-43.1
Equals: Net national product	4,646.4	4,889.5	4,716.8	4,808.4	4,872.2	4,935.3	4,942.2	4,971.2
Less: Indirect business tax and nontax liability	414.0	440.3	421.5	431.7	433.0	444.9	451.4	461.6
Business transfer payments	32.4	35.0	33.4	34.1	34.7	35.4	36.0	36.7
Statistical discrepancy	-17.0	-1.7	-3.0	.7	-3.2	-4.9	.4	.....
Plus: Subsidies less current surplus of government enterprises	6.3	2.5	2.2	8.4	3.6	-7.5	5.3	-5.2
Equals: National income	4,223.3	4,418.4	4,267.1	4,350.3	4,411.3	4,452.4	4,459.7	.....
Less: Corporate profits with inventory valuation and capital consumption adjustments	311.6	298.3	290.9	296.8	306.6	300.7	288.9	.....
Net interest	445.1	466.7	461.7	463.6	466.2	468.3	468.4	462.9
Contributions for social insurance	476.8	506.9	484.2	498.9	503.9	511.3	513.7	527.4
Wage accruals less disbursements	0	0	0	0	0	0	0	0
Plus: Government transfer payments to persons	604.5	659.7	622.5	646.8	652.0	661.0	679.0	708.1
Personal interest income	643.2	680.4	664.9	670.5	678.0	685.3	687.9	683.4
Personal dividend income	114.4	123.8	118.2	120.5	122.9	124.9	126.7	126.7
Business transfer payments	32.4	35.0	33.4	34.1	34.7	35.4	36.0	36.7
Equals: Personal income	4,384.3	4,645.5	4,469.2	4,562.8	4,622.2	4,678.5	4,718.5	4,735.2

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

[Billions of 1982 dollars]

Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9
Less: Capital consumption allowances with capital consumption adjustment	506.0	519.7	519.8	512.5	516.5	522.5	527.1	531.7
Equals: Net national product	3,611.7	3,637.6	3,613.4	3,638.0	3,638.6	3,647.5	3,626.2	3,592.2
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	333.4	333.4	335.9	334.3	332.5	335.5	331.2	326.8
Statistical discrepancy	-13.8	-1.3	-2.4	.6	-2.5	-3.7	.3	.....
Equals: National income	3,292.1	3,305.6	3,280.0	3,303.2	3,308.6	3,315.7	3,294.7	.....

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

[Billions of 1982 dollars]

Gross national product	4,117.7	4,157.3	4,133.2	4,150.6	4,155.1	4,170.0	4,153.4	4,123.9
Less: Net exports of goods and services	-54.1	-33.8	-47.9	-35.4	-44.6	-46.5	-8.8	2.2
Exports	593.3	631.5	611.6	628.1	620.1	630.5	647.2	646.5
Imports	647.4	665.3	659.4	663.5	664.7	677.0	656.0	644.3
Equals: Gross domestic purchases	4,171.8	4,191.1	4,181.1	4,185.9	4,199.7	4,216.5	4,162.2	4,121.7
Plus: Command-basis net exports of goods and services	-44.4	-29.5	-34.3	-28.8	-24.2	-39.2	-26.0	7.1
Command-basis exports ¹	603.1	635.8	625.1	634.7	640.5	637.8	630.0	651.3
Imports	647.4	665.3	659.4	663.5	664.7	677.0	656.0	644.3
Equals: Command-basis gross national product	4,127.4	4,161.6	4,146.8	4,157.2	4,175.5	4,177.3	4,136.2	4,128.8
Addendum:								
Terms of trade ²	101.6	100.7	102.2	101.1	103.3	101.1	97.4	100.8

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]

	1989	1990	Seasonally adjusted at annual rates					1991
			1990					
			IV	I	II	III	IV	
National income	4,223.3	4,418.4	4,267.1	4,350.3	4,411.3	4,452.4	4,459.7	.....
Compensation of employees	3,079.0	3,244.2	3,128.6	3,180.4	3,232.5	3,276.9	3,286.9	3,297.8
Wages and salaries	2,573.2	2,705.3	2,612.7	2,651.6	2,696.3	2,734.2	2,738.9	2,741.3
Government and government enterprises	476.6	508.0	486.7	497.1	505.7	511.3	518.1	529.8
Other	2,096.6	2,197.2	2,126.0	2,154.5	2,190.6	2,222.9	2,220.8	2,211.5
Supplements to wages and salaries	505.8	538.9	515.9	528.8	536.1	542.7	548.0	556.5
Employer contributions for social insurance	263.9	280.8	268.4	276.0	279.7	282.7	284.8	290.3
Other labor income	241.9	258.1	247.5	252.8	256.4	260.0	263.2	266.2
Proprietors' income with inventory valuation and capital consumption adjustments	379.3	402.5	381.7	404.0	401.7	397.9	406.2	403.0
Farm	48.6	49.9	45.7	57.4	51.0	42.4	48.8	47.6
Proprietors' income with inventory valuation adjustment	56.3	57.5	53.4	65.1	58.5	49.9	56.3	54.3
Capital consumption adjustment	-7.7	-7.6	-7.7	-7.7	-7.6	-7.6	-7.5	-7.4
Nonfarm	330.7	352.6	336.0	346.6	350.8	355.6	357.4	356.0
Proprietors' income	298.9	324.3	306.7	317.1	320.7	329.3	330.1	324.9
Inventory valuation adjustment	-1.0	-1.7	-1.1	-9	-2	-3.5	-2.2	1.7
Capital consumption adjustment	32.8	30.0	30.4	30.3	30.2	29.8	29.5	29.4
Rental income of persons with capital consumption adjustment	8.2	6.9	4.1	5.5	4.3	8.4	9.3	6.9
Rental income of persons	64.1	61.6	63.0	60.2	58.8	63.5	64.0	61.4
Capital consumption adjustment	-55.8	-54.7	-58.9	-54.6	-54.5	-55.1	-54.7	-54.5
Corporate profits with inventory valuation and capital consumption adjustments	311.6	298.3	290.9	296.8	306.6	300.7	288.9	.....
Corporate profits with inventory valuation adjustment	286.1	293.3	275.3	285.5	298.8	298.7	290.3	.....
Profits before tax	307.7	304.7	289.8	296.9	299.3	318.5	304.1	.....
Profits tax liability	135.1	132.1	123.5	129.9	133.1	139.1	126.5	.....
Profits after tax	172.6	172.5	166.3	167.1	166.1	179.4	177.6	.....
Dividends	123.5	133.9	127.7	130.3	133.0	135.1	137.2	137.5
Undistributed profits	49.1	38.7	38.6	36.8	33.2	44.3	40.4	.....
Inventory valuation adjustment	-21.7	-11.4	-14.5	-11.4	-5	-19.8	-13.8	9.1
Capital consumption adjustment	25.5	4.9	15.6	11.3	7.7	2.0	-1.4	-2.9
Net interest	445.1	466.7	461.7	463.6	466.2	468.3	468.4	462.9
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments	176.5	166.1	167.5	167.0	173.4	161.6	162.4	.....
Net cash flow with inventory valuation and capital consumption adjustments	399.4	395.3	396.3	393.4	400.2	392.0	395.5	.....
Undistributed profits with inventory valuation and capital consumption adjustments	53.0	32.2	39.8	36.7	40.5	26.5	25.2	.....
Capital consumption allowances with capital consumption adjustment	346.4	363.0	356.5	356.7	359.7	365.5	370.3	375.0
Less: Inventory valuation adjustment	-21.7	-11.4	-14.5	-11.4	-5	-19.8	-13.8	9.1
Equals: Net cash flow	421.1	406.6	410.8	404.9	400.6	411.8	409.2	.....

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

	Seasonally adjusted at annual rates						
	1989	1990	1990				1991
			IV	I	II	III		IV
	Billions of dollars						
Gross domestic product of corporate business	3,086.4	3,198.6	3,109.5	3,136.3	3,206.0	3,234.4	3,217.6
Capital consumption allowances with capital consumption adjustment	346.4	363.0	356.5	356.7	359.7	365.5	370.3
Net domestic product	2,739.9	2,835.5	2,753.0	2,779.5	2,846.3	2,869.0	2,847.4
Indirect business tax and nontax liability plus business transfer payments less subsidies	295.1	313.5	299.9	307.3	307.6	317.7	321.4
Domestic income	2,444.9	2,522.1	2,453.1	2,472.3	2,538.7	2,551.3	2,526.0
Compensation of employees	2,058.1	2,140.5	2,080.6	2,090.1	2,140.3	2,167.7	2,163.9
Wages and salaries	1,731.5	1,800.3	1,750.3	1,758.1	1,800.4	1,823.9	1,818.9
Supplements to wages and salaries	326.7	340.2	330.3	332.0	339.8	343.8	345.1
Corporate profits with inventory valuation and capital consumption adjustments	260.7	241.4	234.0	243.9	257.6	243.1	220.8
Profits before tax	256.9	247.8	232.9	244.0	250.3	260.9	236.0
Profits tax liability	135.1	132.1	123.5	129.9	133.1	139.1	126.5
Profits after tax	121.8	115.7	109.4	114.1	117.2	121.8	109.5
Dividends	104.3	114.8	100.4	115.6	109.4	112.7	116.2
Undistributed profits	17.5	.8	9.0	-1.4	7.8	9.1	-12.2
Inventory valuation adjustment ..	-21.7	-11.4	-14.5	-11.4	-5	-19.8	-13.8
Capital consumption adjustment ..	25.5	4.9	15.6	11.3	7.7	2.0	-1.4
Net interest	126.0	140.2	138.5	138.3	140.8	140.5	141.2
Gross domestic product of financial corporate business	231.9	245.9	231.0	228.8	246.0	255.3	253.6
Gross domestic product of nonfinancial corporate business	2,854.5	2,952.7	2,878.5	2,907.5	2,960.0	2,979.1	2,964.1
Capital consumption allowances with capital consumption adjustment	317.8	331.6	326.4	326.1	329.1	333.4	338.0
Net domestic product	2,536.7	2,621.0	2,552.2	2,581.3	2,630.9	2,645.7	2,626.1
Indirect business tax and nontax liability plus business transfer payments less subsidies	272.9	289.7	277.1	283.9	284.2	293.6	297.0
Domestic income	2,263.8	2,331.3	2,275.1	2,297.4	2,346.8	2,352.1	2,329.2
Compensation of employees	1,902.3	1,983.4	1,924.4	1,946.2	1,982.1	2,004.7	2,000.7
Wages and salaries	1,599.4	1,667.2	1,618.1	1,636.3	1,666.2	1,685.6	1,680.6
Supplements to wages and salaries	302.9	316.3	306.3	310.0	315.9	319.1	320.2
Corporate profits with inventory valuation and capital consumption adjustments	241.0	219.5	223.8	224.5	235.8	218.8	199.1
Profits before tax	241.5	229.1	226.0	227.9	232.2	239.1	217.2
Profits tax liability	101.4	96.3	96.6	95.3	97.5	100.3	91.9
Profits after tax	140.1	132.8	129.3	132.6	134.7	138.8	125.3
Dividends	104.8	117.7	104.1	118.5	112.3	115.5	124.3
Undistributed profits	35.2	15.2	25.2	14.1	22.4	23.3	1.0
Inventory valuation adjustment ..	-21.7	-11.4	-14.5	-11.4	-5	-19.8	-13.8
Capital consumption adjustment ..	21.2	1.8	12.3	8.1	4.1	-6	-4.3
Net interest	120.5	128.4	126.9	126.6	128.9	128.6	129.3
	Billions of 1982 dollars						
Gross domestic product of nonfinancial corporate business	2,431.2	2,427.0	2,421.8	2,423.1	2,440.1	2,435.1	2,409.8
Capital consumption allowances with capital consumption adjustment	290.7	298.0	296.9	294.6	296.9	299.1	301.4
Net domestic product	2,140.5	2,129.0	2,125.0	2,128.5	2,143.1	2,135.9	2,108.5
Indirect business tax and nontax liability plus business transfer payments less subsidies	213.3	212.8	214.7	213.5	212.4	214.5	210.6
Domestic income	1,927.3	1,916.3	1,910.3	1,915.0	1,930.7	1,921.5	1,897.8

Table 1.17.—Auto Output

[Billions of dollars]

	Seasonally adjusted at annual rates						
	1989	1990	1990				1991
			IV	I	II	III		IV
Auto output	131.3	126.5	128.2	120.3	128.9	141.3	106.1
Final sales	128.9	131.1	123.0	135.0	133.8	133.3	112.3
Personal consumption expenditures ...	141.4	139.8	133.9	145.3	140.2	139.8	133.9
New autos	99.7	96.1	90.1	102.6	97.6	95.2	89.0
Net purchases of used autos	41.6	43.7	43.8	42.7	42.6	44.6	44.8
Producers' durable equipment	20.3	24.8	18.6	22.3	24.2	28.9	23.9
New autos	50.1	54.0	46.7	50.0	52.2	59.6	54.4
Net purchases of used autos	-29.8	-29.2	-28.1	-27.8	-28.0	-30.7	-30.5
Net exports of goods and services	-34.4	-35.5	-30.9	-34.6	-32.4	-37.0	-35.1
Exports	10.0	10.4	11.2	10.9	11.4	10.2	9.1
Imports	44.5	45.9	42.1	45.5	43.8	47.2	45.3
Government purchases of goods and services	1.6	1.9	1.4	1.9	1.7	1.6	2.4
Change in business inventories of new and used autos	2.4	-4.5	5.1	-14.6	-4.9	8.0	-6.7
New	1.6	-4.4	6.6	-14.6	-3.8	7.6	-5.7
Used .....	.8	-2	-1.4	0	-1.1	.5	0
Addenda:							
Domestic output of new autos ¹	105.2	99.7	100.2	92.5	103.4	113.4	89.3
Sales of imported new autos ²	57.6	58.1	54.8	58.1	59.1	58.8	56.5

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]

	Seasonally adjusted at annual rates						
	1989	1990	1990				1991
			IV	I	II	III		IV
Auto output	110.4	104.7	106.3	99.0	107.3	117.2	85.6
Final sales	109.0	109.0	103.4	111.7	110.8	111.2	102.5
Personal consumption expenditures ...	115.1	113.0	108.6	117.0	113.8	113.3	108.0
New autos	81.5	77.4	73.3	82.3	78.8	77.2	71.4
Net purchases of used autos	33.6	35.6	35.2	34.7	35.0	36.1	36.5
Producers' durable equipment	17.2	19.6	15.3	17.6	19.1	23.3	18.6
New autos	41.0	43.6	38.0	40.1	42.2	48.3	43.6
Net purchases of used autos	-23.8	-23.9	-22.6	-22.6	-23.1	-25.0	-25.1
Net exports of goods and services	-24.7	-25.2	-21.8	-24.5	-23.5	-26.8	-23.5
Exports	7.9	8.1	8.8	8.4	8.8	7.8	7.4
Imports	32.6	33.3	30.6	32.9	32.3	34.6	33.5
Government purchases of goods and services	1.4	1.6	1.2	1.6	1.5	1.4	2.0
Change in business inventories of new and used autos	1.4	-4.3	2.9	-12.7	-3.5	6.0	-7.1
New .....	.7	-4.2	4.1	-12.7	-2.5	5.6	-7.2
Used .....	.6	-1	-1.2	0	-9	.4	0
Addenda:							
Domestic output of new autos ¹	85.1	79.5	80.3	72.9	82.7	91.2	71.2
Sales of imported new autos ²	47.1	46.8	44.6	46.6	47.7	47.7	45.3

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

Table 1.19.—Truck Output
[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	
Truck output¹	69.6	63.4	63.1	60.8	69.6	64.6	58.7	48.1
Final sales	68.6	64.7	62.1	67.4	65.4	65.2	60.9	56.7
Personal consumption expenditures	32.8	30.8	30.8	32.7	30.2	32.1	28.3	26.1
Producers' durable equipment	36.5	34.2	33.6	35.0	34.1	35.2	32.4	30.0
Net exports of goods and services	-6.6	-5.5	-6.8	-5.4	-5.3	-7.1	-4.2	-4.1
Exports	3.6	3.9	3.7	3.4	4.3	3.5	4.5	4.2
Imports	10.2	9.4	10.5	8.7	9.5	10.6	8.7	8.3
Government purchases of goods and services	5.8	5.3	4.5	5.2	6.4	5.1	4.4	4.8
Change in business inventories	1.0	-1.3	1.1	-6.6	4.2	-6	-2.3	-8.6

1. Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars
[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	
Truck output¹	56.5	50.5	50.6	48.8	55.8	51.4	46.0	37.5
Final sales	55.7	51.5	49.8	54.0	52.4	51.9	47.7	43.9
Personal consumption expenditures	26.8	24.2	24.9	25.9	23.7	25.2	21.9	19.7
Producers' durable equipment	29.7	27.4	26.9	28.2	27.7	28.3	25.6	23.5
Net exports of goods and services	-5.4	-4.3	-5.9	-4.3	-4.2	-5.6	-3.2	-3.1
Exports	2.9	3.1	3.0	2.7	3.5	2.8	3.5	3.3
Imports	8.3	7.5	8.5	7.0	7.7	8.4	6.8	6.4
Government purchases of goods and services	4.7	4.2	3.6	4.2	5.2	4.1	3.5	3.8
Change in business inventories .....	.7	-1.0	.7	-5.2	3.3	-5	-1.7	-6.4

1. Includes new trucks only.

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

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	
Personal income	4,384.3	4,645.5	4,469.2	4,562.8	4,622.2	4,678.5	4,718.5	4,735.2
Wage and salary disbursements	2,573.2	2,705.3	2,612.7	2,651.6	2,696.3	2,734.2	2,738.9	2,741.3
Commodity-producing industries	720.6	729.3	721.4	724.6	731.1	735.3	726.0	712.8
Manufacturing	541.8	546.8	540.9	541.2	548.1	551.8	546.1	536.9
Distributive industries	604.7	637.2	614.6	627.0	637.3	642.7	641.9	640.0
Service industries	771.4	830.8	790.0	802.9	822.2	844.9	853.0	858.8
Government and government enterprises	476.6	508.0	486.7	497.1	505.7	511.3	518.1	529.8
Other labor income	241.9	258.1	247.5	252.8	256.4	260.0	263.2	266.2
Proprietors' income with inventory valuation and capital consumption adjustments	379.3	402.5	381.7	404.0	401.7	397.9	406.2	403.0
Farm	48.6	49.9	45.7	57.4	51.0	42.4	48.8	47.0
Nonfarm	330.7	352.6	336.0	346.6	350.8	355.6	357.4	356.0
Rental income of persons with capital consumption adjustment ..	8.2	6.9	4.1	5.5	4.3	8.4	9.3	6.9
Personal dividend income	114.4	123.8	118.2	120.5	122.9	124.9	126.7	126.7
Personal interest income	643.2	680.4	664.9	670.5	678.0	685.3	687.9	683.4
Transfer payments	636.9	694.8	655.9	680.9	686.7	696.4	715.1	744.8
Old-age, survivors, disability, and health insurance benefits	325.3	350.7	334.1	347.2	347.6	351.1	356.8	371.4
Government unemployment insurance benefits	14.7	18.2	15.5	16.3	17.3	18.2	20.9	24.2
Veterans benefits	17.3	17.9	17.3	17.9	17.9	17.9	17.9	18.7
Government employees retirement benefits	90.1	96.9	92.0	96.1	96.0	96.9	98.6	104.7
Other transfer payments	189.5	211.1	197.1	203.4	207.8	212.3	220.9	225.9
Aid to families with dependent children	18.0	19.8	18.5	19.1	19.6	19.9	20.5	21.0
Other	171.6	191.3	178.6	184.2	188.2	192.4	200.4	204.9
Less: Personal contributions for social insurance	212.8	226.2	215.8	222.9	224.1	228.6	228.9	237.1
Less: Personal tax and nontax payments	658.8	699.4	669.6	675.1	696.5	709.5	716.6	718.3
Equals: Disposable personal income ..	3,725.5	3,946.1	3,799.6	3,887.7	3,925.7	3,969.1	4,001.9	4,016.9
Less: Personal outlays	3,553.7	3,766.0	3,625.5	3,696.4	3,730.6	3,802.6	3,834.4	3,851.0
Personal consumption expenditures	3,450.1	3,657.3	3,518.5	3,588.1	3,622.7	3,693.4	3,724.9	3,741.1
Interest paid by consumers to business	102.2	107.8	105.7	107.4	107.5	107.9	108.5	108.8
Personal transfer payments to foreigners (net)	1.4	.9	1.2	.9	.4	1.3	1.0	1.0
Equals: Personal saving	171.8	180.1	174.1	191.3	195.1	166.5	167.5	165.9
Addenda:								
Disposable personal income: Total, billions of 1982 dollars	2,869.0	2,893.5	2,883.2	2,900.9	2,902.8	2,898.0	2,872.4	2,860.5
Per capita:								
Current dollars	14,973	15,695	15,210	15,527	15,639	15,765	15,849	15,870
1982 dollars	11,531	11,509	11,541	11,586	11,564	11,511	11,376	11,301
Population (mid-period, millions) ..	248.8	251.4	249.8	250.4	251.0	251.8	252.5	253.1
Personal saving as percentage of disposable personal income	4.6	4.6	4.6	4.9	5.0	4.2	4.2	4.1

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]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	
Personal consumption expenditures¹	3,450.1	3,657.3	3,518.5	3,588.1	3,622.7	3,693.4	3,724.9	3,741.1
Durable goods	474.6	480.3	471.2	492.1	478.4	482.3	468.5	456.8
Motor vehicles and parts	215.5	213.0	207.5	221.1	212.4	214.7	203.9	192.3
Furniture and household equipment ..	171.4	176.4	173.0	178.9	176.8	176.4	173.4	174.4
Other	87.8	90.9	90.7	92.0	89.3	91.2	91.3	90.2
Nondurable goods	1,130.0	1,193.7	1,148.8	1,174.7	1,179.0	1,205.0	1,216.0	1,209.8
Food	595.3	624.7	602.2	616.4	623.3	629.8	629.4	636.5
Clothing and shoes	204.6	213.2	208.7	212.9	212.6	215.8	211.5	212.2
Gasoline and oil	83.8	93.8	83.5	87.1	84.5	94.0	109.4	93.4
Other nondurable goods	246.3	261.9	254.4	258.2	258.6	265.4	265.6	267.7
Fuel oil and coal	17.7	18.5	20.1	17.7	17.4	19.6	19.3	17.7
Other	228.7	243.4	234.3	240.5	241.2	245.7	246.3	250.0
Services ¹	1,845.5	1,983.3	1,898.5	1,921.3	1,965.3	2,006.2	2,040.4	2,074.5
Housing	533.9	569.5	549.5	556.3	563.6	575.8	582.1	587.1
Household operation	206.3	211.3	214.2	205.2	211.9	212.7	215.5	216.4
Electricity and gas	97.7	96.4	103.0	92.5	97.5	96.4	99.1	98.0
Other	108.6	115.0	111.2	112.7	114.4	116.3	116.4	118.4
Transportation	126.4	136.6	128.8	132.3	135.2	137.4	141.5	144.5
Medical care	434.3	483.4	450.6	462.6	475.8	491.5	503.8	514.4
Other ¹	544.5	582.5	555.4	564.9	578.9	588.7	597.6	612.0

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]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	
Personal consumption expenditures¹	2,656.8	2,681.6	2,669.9	2,677.3	2,678.8	2,696.8	2,673.6	2,664.1
Durable goods	428.0	427.4	423.1	437.6	426.8	429.5	415.6	403.9
Motor vehicles and parts	181.4	177.7	174.1	183.9	177.8	179.6	169.4	158.1
Furniture and household equipment ..	175.0	179.3	175.7	181.4	180.0	179.7	176.3	177.6
Other	71.6	70.4	73.2	72.3	69.0	70.2	69.9	68.2
Nondurable goods	919.9	911.1	923.0	915.6	911.2	916.4	901.2	894.6
Food	462.9	457.4	460.3	457.4	459.3	459.4	453.6	453.1
Clothing and shoes	172.7	172.6	175.1	174.2	171.3	174.4	170.6	166.1
Gasoline and oil	96.7	94.8	97.5	96.2	93.9	94.4	94.6	92.6
Other nondurable goods	187.7	186.3	190.0	187.7	186.8	188.3	182.3	182.7
Fuel oil and coal	21.9	19.2	23.8	18.6	20.4	21.0	16.7	17.6
Other	165.7	167.1	166.3	169.1	166.4	167.2	165.7	165.1
Services ¹	1,309.0	1,343.1	1,323.8	1,324.2	1,340.8	1,350.8	1,356.7	1,365.5
Housing	372.1	377.1	375.2	376.3	376.9	377.2	378.1	378.1
Household operation	167.6	167.8	172.7	162.8	168.5	170.1	169.6	166.4
Electricity and gas	84.1	81.4	87.7	77.7	82.4	82.7	82.8	79.8
Other	83.4	86.3	85.0	85.1	86.0	87.4	86.8	86.7
Transportation	96.9	100.3	98.4	98.8	99.7	100.9	102.0	101.2
Medical care	286.1	301.5	289.3	294.7	299.3	304.6	307.3	309.7
Other ¹	386.4	396.5	388.3	391.7	396.4	398.0	399.7	410.1

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]

	1989	1990	Seasonally adjusted at annual rates						
			1989	1990					1991
				IV	I	II	III	IV		I
Receipts	1,052.9	1,109.7	1,055.7	1,080.6	1,105.8	1,125.9	1,126.5	.....
Personal tax and nontax receipts	464.0	492.8	469.6	473.6	492.1	500.0	505.5	505.1	
Income taxes	453.1	479.1	458.5	462.1	474.3	487.0	493.2	492.4	
Estate and gift taxes	9.0	11.7	9.2	9.6	15.7	11.1	10.3	10.6	
Nontaxes	1.8	2.0	1.9	2.0	2.0	2.0	2.1	2.0	
Corporate profits tax accruals	110.4	108.5	101.3	106.5	109.2	114.2	104.1	.....
Federal Reserve banks	21.6	22.6	21.8	21.8	22.1	23.6	22.7	.....
Other	88.8	86.0	79.5	84.8	87.1	90.6	81.4	.....
Indirect business tax and nontax accruals	58.4	61.7	58.7	60.6	60.5	61.0	64.6	73.2	
Excise taxes	34.1	37.3	33.9	35.8	36.5	36.7	40.4	48.9	
Customs duties	17.5	17.5	18.0	17.6	17.3	17.5	17.5	17.2	
Nontaxes	6.8	6.8	6.8	7.2	6.7	6.7	6.7	7.1	
Contributions for social insurance	420.1	446.7	426.1	439.9	444.0	450.6	452.3	465.3	
Expenditures	1,187.2	1,275.7	1,205.8	1,248.8	1,271.7	1,310.8	1,245.8	.....
Purchases of goods and services	400.0	424.0	399.9	410.6	421.9	425.8	437.6	442.3	
National defense	301.1	313.6	299.2	307.2	309.6	312.6	325.0	330.0	
Nondefense	98.9	110.4	100.7	103.4	112.3	113.2	112.6	112.3	
Transfer payments	471.9	511.4	487.9	503.4	510.4	513.2	518.5	457.3	
To persons	458.6	496.8	470.5	490.3	491.4	496.1	509.3	533.9	
To foreigners	13.4	14.6	17.3	13.1	18.9	17.0	9.2	-76.6	
Grants-in-aid to State and local governments	118.2	131.4	121.5	128.5	131.5	129.8	135.8	136.8	
Net interest paid	172.0	186.3	175.2	178.1	184.3	189.8	193.0	193.7	
Interest paid	191.7	206.4	194.8	198.6	203.0	210.4	213.8	215.8	
To persons and business	155.7	167.7	157.7	161.0	164.3	171.4	174.1	176.5	
To foreigners	36.0	38.8	37.1	37.6	38.7	39.0	39.7	39.4	
Less: Interest received by government	19.6	20.2	19.6	20.5	18.7	20.6	20.8	22.2	
Subsidies less current surplus of government enterprises	25.0	22.7	21.3	28.3	23.8	13.1	25.9	15.7	
Subsidies	27.9	26.9	27.6	32.4	25.6	17.3	32.3	27.4	
Less: Current surplus of government enterprises	2.8	4.2	6.2	4.2	1.9	4.2	6.4	11.7	
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0	
Surplus or deficit (-), national income and product accounts ..	-134.3	-166.0	-150.1	-168.3	-166.0	-145.7	-184.3	.....
Social insurance funds	63.8	64.0	62.3	59.3	64.0	67.5	65.2	56.8	
Other	-198.1	-230.0	-212.4	-227.5	-230.0	-213.2	-249.5	.....

Table 3.3.—State and Local Government Receipts and Expenditures

[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates						
			1989	1990					1991
				IV	I	II	III	IV		I
Receipts	749.9	800.5	764.6	783.6	792.2	808.6	817.5	.....
Personal tax and nontax receipts	194.8	206.6	200.0	201.5	204.4	209.4	211.1	213.2	
Income taxes	101.7	106.2	104.2	104.0	105.0	108.0	107.8	108.0	
Nontaxes	77.6	83.8	79.8	81.3	83.0	84.7	86.3	87.9	
Other	15.6	16.6	15.9	16.2	16.5	16.7	17.0	17.3	
Corporate profits tax accruals	24.7	23.6	22.1	23.3	23.9	24.9	22.4	.....
Indirect business tax and nontax accruals	355.6	378.6	362.8	371.2	372.5	383.9	386.7	388.4	
Sales taxes	170.9	181.4	173.8	178.5	177.5	184.2	185.2	183.3	
Property taxes	139.9	150.1	144.0	146.4	148.8	151.4	153.7	156.0	
Other	44.7	47.2	45.1	46.3	46.3	48.2	47.8	49.0	
Contributions for social insurance	56.7	60.2	58.1	59.0	59.9	60.7	61.4	62.1	
Federal grants-in-aid	118.2	131.4	121.5	128.5	131.5	129.8	135.8	136.8	
Expenditures	703.5	765.1	726.1	745.5	753.6	769.4	791.8	797.9	
Purchases of goods and services	625.6	674.1	643.4	659.6	664.6	677.0	695.3	697.9	
Compensation of employees	373.0	400.9	383.3	390.4	397.5	404.5	411.2	417.8	
Other	252.6	273.2	260.1	269.1	267.1	272.6	284.0	280.1	
Transfer payments to persons	145.9	162.9	152.0	156.5	160.6	164.9	169.7	174.3	
Net interest paid	-40.2	-41.6	-40.7	-41.0	-41.8	-42.2	-42.2	-42.6	
Interest paid	59.1	63.0	60.5	61.5	62.5	63.6	64.6	65.6	
Less: Interest received by government	99.3	104.6	101.2	102.5	103.9	105.3	106.8	108.2	
Less: Dividends received by government	9.1	10.1	9.5	9.7	10.0	10.2	10.5	10.8	
Subsidies less current surplus of government enterprises	-18.8	-20.3	-19.2	-19.8	-20.1	-20.6	-20.5	-20.9	
Subsidies .....	.7	.8	.8	.8	.8	.8	.8	.8
Less: Current surplus of government enterprises	19.5	21.0	19.9	20.6	20.9	21.3	21.3	21.7	
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0	
Surplus or deficit (-), national income and product accounts ..	46.4	35.4	38.5	38.1	38.6	39.3	25.7	.....
Social insurance funds	66.4	69.4	67.6	68.3	69.1	69.8	70.4	71.1	
Other	-19.9	-34.0	-29.1	-30.2	-30.4	-30.5	-44.8	.....

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

[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates						
			1989	1990					1991
				IV	I	II	III	IV		I
Government purchases of goods and services	1,025.6	1,098.1	1,043.3	1,070.1	1,086.4	1,102.8	1,132.9	1,140.2	
Federal	400.0	424.0	399.9	410.6	421.9	425.8	437.6	442.3	
National defense	301.1	313.6	299.2	307.2	309.6	312.6	325.0	330.0	
Durable goods	80.9	85.1	77.3	78.6	81.7	86.6	93.6	92.6	
Nondurable goods	10.4	13.0	10.7	10.0	11.6	11.9	18.4	14.5	
Services	203.3	209.2	204.9	212.3	209.6	207.5	207.3	217.7	
Compensation of employees	119.0	124.4	120.0	123.5	124.0	124.3	125.8	132.2	
Military	78.8	82.5	79.0	82.1	82.2	82.4	83.5	88.2	
Civilian	40.2	41.8	41.0	41.4	41.8	41.9	42.2	44.1	
Other services	84.3	84.8	84.9	88.8	85.6	83.2	81.5	85.4	
Structures	6.4	6.3	6.3	6.2	6.7	6.6	5.7	5.2	
Nondefense	98.9	110.4	100.7	103.4	112.3	112.6	112.3	112.3	
Durable goods	5.3	5.7	5.4	5.4	5.6	5.8	6.0	5.9	
Nondurable goods	1.4	4.4	2.8	0	5.6	7.2	4.8	1.9	
Commodity Credit Corporation inventory change	-5.3	-2.4	-3.4	-6.8	-1.9	.4	-1.4	-3.6	
Other nondurables	6.7	6.8	6.1	6.8	7.5	6.8	6.2	5.5	
Services	85.1	91.9	85.3	89.9	92.8	92.1	92.9	95.2	
Compensation of employees	49.5	54.1	49.7	53.1	55.2	54.1	54.1	56.3	
Other services	35.6	37.8	35.6	36.8	37.6	38.1	38.8	38.9	
Structures	7.0	8.3	7.3	8.1	8.3	8.1	8.9	9.3	
State and local	625.6	674.1	643.4	659.6	664.6	677.0	695.3	697.9	
Durable goods	30.5	33.0	31.5	32.1	32.7	33.4	33.9	34.5	
Nondurable goods	49.9	53.9	51.2	52.3	51.5	54.1	57.9	54.5	
Services	472.4	506.6	484.8	494.2	502.3	510.6	519.4	528.2	
Compensation of employees	373.0	400.9	383.3	390.4	397.5	404.5	411.2	417.8	
Other services	99.4	105.7	101.5	103.8	104.8	106.1	108.1	110.4	
Structures	72.9	80.5	75.9	81.0	78.0	78.9	84.1	80.6	

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

[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates						
			1989	1990					1991
				IV	I	II	III	IV		I
Government purchases of goods and services	798.1	820.8	802.2	807.9	820.2	822.7	832.3	827.5	
Federal	334.9	343.7	332.7	333.0	345.9	346.0	349.9	346.8	
National defense	256.3	258.7	255.5	254.4	256.5	258.2	265.7	265.2	
Durable goods	81.5	84.5	79.9	79.3	81.5	86.6	90.7	90.3	
Nondurable goods	13.1	14.7	13.8	12.0	14.7	13.8	18.4	15.9	
Services	156.7	154.7	156.9	158.3	155.2	152.9	152.4	155.1	
Compensation of employees	89.6	89.1	90.0	89.0	88.8	89.0	89.7	90.6	
Military	59.8	59.5	59.9	59.5	59.2	59.3	60.1	61.0	
Civilian	29.9	29.6	30.1	29.5	29.6	29.6	29.6	29.6	
Other services	67.1	65.6	66.9	69.3	66.4	64.0	62.7	64.5	
Structures	5.0	4.7	4.8	4.7	5.1	4.9	4.3	3.9	
Nondefense	78.7	85.0	77.2	78.6	89.4	87.8	84.2	81.6	
Durable goods	5.9	6.3	5.9	6.1	6.2	6.3	6.6	6.4	
Nondurable goods	1.2	3.9	1.1	-1.3	7.6	7.0	2.4	.1	
Commodity Credit Corporation inventory change	-4.7	-1.8	-5.0	-7.0	1.1	1.3	-2.5	-3.0	
Other nondurables	5.9	5.7	5.1	5.7	6.5	5.7	5.0	3.1	
Services	65.8	68.1	65.3	67.3	68.9	68.0	68.1	67.7	
Compensation of employees	36.9	38.5	36.8	38.1	39.4	38.4	38.1	38.1	
Other services	28.9	29.6	28.5	29.2	29.5	29.6	29.9	29.7	
Structures	5.8	6.7	6.0	6.5	6.7	6.5	7.1	7.4	
State and local</									

Table 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
National defense purchases	301.1	313.6	299.2	307.2	309.6	312.6	325.0	330.0
Durable goods	80.9	85.1	77.3	78.6	81.7	86.6	93.6	92.6
Military equipment	71.6	75.8	68.8	70.1	73.0	77.3	82.7	80.4
Aircraft	26.6	26.6	27.5	24.7	25.2	25.8	30.8	27.8
Missiles	13.0	15.1	12.5	14.7	14.2	15.8	15.7	17.0
Ships	9.9	10.8	10.0	10.0	10.6	10.2	12.3	11.1
Vehicles	3.6	3.6	3.1	3.3	3.8	3.8	3.5	3.5
Electronic equipment	6.4	6.1	6.0	7.0	5.8	6.1	5.7	6.2
Other	12.2	13.5	9.6	10.4	13.4	15.5	14.7	14.8
Other durable goods	9.3	9.4	8.5	8.6	8.7	9.4	10.9	12.2
Nondurable goods	10.4	13.0	10.7	10.0	11.6	11.9	18.4	14.5
Petroleum products	4.3	6.4	5.3	4.5	5.2	5.3	10.8	6.9
Ammunition	3.5	4.0	2.9	3.3	3.9	3.9	4.9	5.0
Other nondurable goods	2.7	2.5	2.4	2.3	2.5	2.7	2.7	2.7
Services	203.3	209.2	204.9	212.3	209.6	207.5	207.3	217.7
Compensation of employees	119.0	124.4	120.0	123.5	124.0	124.3	125.8	132.2
Military	78.8	82.5	79.0	82.1	82.2	82.4	83.5	88.2
Civilian	40.2	41.8	41.0	41.4	41.8	41.9	42.2	44.1
Other services	84.3	84.8	84.9	88.8	85.6	83.2	81.5	85.4
Contractual research and development	31.1	33.3	32.4	33.9	34.2	33.2	31.8	31.4
Installation support ¹	25.0	20.7	23.6	24.6	21.6	19.6	17.0	19.4
Weapons support ²	8.8	8.2	8.4	9.1	8.7	7.7	7.3	8.1
Personnel support ³	11.5	11.8	11.6	12.2	11.6	11.6	11.7	12.4
Transportation of materiel	3.8	5.4	3.9	4.3	4.4	5.7	7.3	7.5
Travel of persons	4.2	5.1	4.3	4.6	4.7	5.2	6.0	6.2
Other	-1	2	6	2	4	0	3	3
Structures	6.4	6.3	6.3	6.2	6.7	6.6	5.7	5.2
Military facilities	4.1	3.7	4.1	3.7	4.0	3.9	3.0	2.5
Other	2.4	2.6	2.3	2.5	2.7	2.6	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 4.1.—Foreign Transactions in the National Income and Product Accounts

[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
Receipts from foreigners ¹	626.2	672.8	642.8	661.3	659.7	672.7	697.4	692.2
Exports of goods and services ¹	626.2	672.8	642.8	661.3	659.7	672.7	697.4	692.2
Merchandise ²	369.9	397.9	378.7	394.2	395.0	393.5	409.1	416.9
Durable goods ²	240.8	262.5	247.8	258.9	263.2	262.0	266.1	267.3
Nondurable goods	129.2	135.4	130.9	135.3	131.8	131.4	143.0	149.7
Services ³	256.3	274.9	264.1	267.1	264.7	279.3	288.3	275.3
Factor income ^{3,4}	135.2	137.4	137.6	134.7	130.5	139.6	144.8	137.8
Other ⁵	121.0	137.4	126.5	132.4	134.2	139.7	143.5	137.5
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners ⁶	626.2	672.8	642.8	661.3	659.7	672.7	697.4	692.2
Imports of goods and services ⁶	672.3	704.0	678.1	691.3	684.6	714.1	726.2	684.7
Merchandise ²	480.9	502.7	488.0	497.8	484.1	508.1	520.9	493.7
Durable goods ²	309.6	311.6	310.3	306.8	307.6	316.5	315.4	310.4
Nondurable goods	171.3	191.1	177.6	191.0	176.5	191.6	205.5	183.2
Services ⁶	191.4	201.3	190.1	193.5	200.5	206.0	205.3	191.0
Factor income ³	97.7	95.7	94.7	93.1	98.9	96.7	94.0	84.8
Other ⁷	93.8	105.6	95.4	100.4	101.6	109.2	111.2	106.2
Transfer payments (net)	14.8	15.5	18.5	14.0	19.4	18.3	10.2	-75.6
From persons (net)	1.4	9	1.2	9	4	1.3	1.0	1.0
From government (net)	13.4	14.6	17.3	13.1	18.9	17.0	9.2	-76.6
Interest paid by government to foreigners	36.0	38.8	37.1	37.6	38.7	39.0	39.7	39.4
Net foreign investment	-96.8	-85.5	-90.9	-81.6	-82.9	-98.7	-78.7	43.7

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

[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
National defense purchases	256.3	258.7	255.5	254.4	256.5	258.2	265.7	265.2
Durable goods	81.5	84.5	79.9	79.3	81.5	86.6	90.7	90.3
Military equipment	69.6	72.1	68.6	67.8	69.7	74.1	76.8	74.4
Aircraft	26.8	26.3	29.2	25.1	25.3	26.1	28.8	26.0
Missiles	14.5	16.3	14.4	15.9	15.3	17.0	17.2	18.3
Ships	7.9	8.4	7.9	7.9	8.3	8.0	9.5	8.5
Vehicles	3.9	3.9	3.3	3.7	4.1	4.2	3.7	3.7
Electronic equipment	5.8	5.5	5.5	6.3	5.2	5.5	5.1	5.6
Other	10.6	11.5	8.2	8.9	11.5	13.3	12.5	12.4
Other durable goods	11.9	12.5	11.3	11.6	11.8	12.5	14.0	15.8
Nondurable goods	13.1	14.7	13.8	12.0	14.7	13.8	18.4	15.9
Petroleum products	7.4	8.5	9.0	6.9	8.7	7.4	11.1	8.6
Ammunition	3.5	4.2	2.8	3.3	4.0	4.2	5.2	5.2
Other nondurable goods	2.2	2.0	2.0	1.8	2.0	2.2	2.1	2.1
Services	156.7	154.7	156.9	158.3	155.2	152.9	152.4	155.1
Compensation of employees	89.6	89.1	90.0	89.0	88.8	89.0	89.7	90.6
Military	59.8	59.5	59.9	59.5	59.2	59.3	60.1	61.0
Civilian	29.9	29.6	30.1	29.5	29.6	29.6	29.6	29.6
Other services	67.1	65.6	66.9	69.3	66.4	64.0	62.7	64.5
Contractual research and development	24.9	25.9	25.8	26.7	26.8	25.6	24.3	23.7
Installation support ¹	18.8	15.1	17.5	18.0	15.7	14.1	12.4	13.8
Weapons support ²	7.2	6.5	6.8	7.3	6.9	6.1	5.7	6.3
Personnel support ³	8.2	8.0	8.1	8.6	8.0	7.7	7.9	8.3
Transportation of materiel	4.1	5.5	4.2	4.6	4.6	5.8	7.2	7.2
Travel of persons	3.9	4.4	4.0	4.0	4.1	4.5	5.0	5.1
Other	-1	2	5	2	3	0	2	2
Structures	5.0	4.7	4.8	4.7	5.1	4.9	4.3	3.9
Military facilities	3.1	2.7	3.0	2.8	3.0	2.9	2.2	1.8
Other	1.9	2.0	1.8	1.9	2.1	2.0	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 4.2.—Exports and Imports of Goods and Services in Constant Dollars

[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
Exports of goods and services ¹	593.3	631.5	611.6	628.1	620.1	630.5	647.2	646.5
Merchandise ²	390.8	423.9	405.2	422.4	418.4	421.0	433.8	445.8
Durable goods ²	268.9	296.2	279.0	292.8	293.4	296.3	302.3	306.5
Nondurable goods	121.9	127.7	126.2	129.6	125.0	124.6	131.4	139.3
Services ³	202.6	207.6	206.4	205.7	201.7	209.5	213.4	200.7
Factor income ^{3,4}	105.1	102.2	105.4	101.9	97.4	103.2	106.2	99.5
Other ⁵	97.5	105.4	101.0	103.9	104.3	106.4	107.2	101.1
Imports of goods and services ⁶	647.4	665.3	659.4	663.5	664.7	677.0	656.0	644.3
Merchandise ²	499.3	517.0	514.3	517.8	515.2	526.5	508.4	508.7
Durable goods ²	302.9	313.3	312.4	308.5	310.2	317.5	317.0	316.5
Nondurable goods	196.4	203.7	201.9	209.3	205.0	209.0	191.5	192.2
Services ⁶	148.2	148.3	145.1	145.6	149.4	150.5	147.6	135.6
Factor income ³	74.9	70.3	71.6	69.5	72.9	70.6	68.1	60.4
Other ⁷	73.2	78.0	73.5	76.1	76.5	79.9	79.5	75.2

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
Merchandise exports^{1 2}	369.9	397.9	378.7	394.2	395.0	393.5	409.1	416.9
Foods, feeds, and beverages	36.6	35.4	35.7	38.9	36.8	33.6	32.5	36.0
Industrial supplies and materials	96.0	102.4	94.9	100.5	97.8	100.0	111.1	112.8
Durable goods	34.3	36.0	34.1	35.6	35.0	35.8	37.4	37.4
Nondurable goods	61.7	66.4	60.8	64.8	62.7	64.2	73.7	75.4
Capital goods, except autos	138.0	153.5	140.8	152.9	154.2	151.8	155.1	156.6
Autos	34.7	36.3	35.6	34.7	38.5	36.1	35.9	34.0
Consumer goods	35.4	43.0	38.0	40.7	42.0	43.7	45.7	47.0
Durable goods	19.1	23.1	20.5	22.3	22.5	24.1	23.3	24.0
Nondurable goods	16.3	19.9	17.5	18.4	19.5	19.5	22.4	23.0
Other ^{1 2}	29.3	27.4	33.7	26.5	25.7	28.3	28.8	30.5
Durable goods ^{1 3}	14.6	13.7	16.9	13.3	12.9	14.2	14.4	15.3
Nondurable goods ³	14.6	13.7	16.9	13.3	12.9	14.2	14.4	15.3
Merchandise imports¹	480.9	502.7	488.0	497.8	484.1	508.1	520.9	493.7
Foods, feeds, and beverages	25.1	26.5	25.0	27.8	26.8	25.5	26.0	26.0
Industrial supplies and materials, excluding petroleum	78.3	76.8	76.9	76.6	76.7	77.1	76.8	76.6
Durable goods	42.3	38.5	41.0	38.9	38.6	38.5	37.9	37.4
Nondurable goods	36.0	38.3	35.8	37.7	38.1	38.6	38.9	39.2
Petroleum and products	50.9	62.3	53.3	62.4	48.7	62.8	75.3	53.1
Capital goods, except autos	113.1	117.2	116.5	115.7	115.6	116.7	121.0	121.2
Autos	86.0	86.2	83.0	83.9	84.9	90.4	85.6	84.4
Consumer goods	102.8	105.0	106.4	103.4	103.3	106.2	107.1	104.6
Durable goods	55.8	55.3	56.4	54.3	54.4	56.1	56.4	53.6
Nondurable goods	47.0	49.7	50.0	49.1	49.0	50.1	50.7	51.0
Other ¹	24.7	28.7	26.9	28.1	28.1	29.4	29.2	27.8
Durable goods ^{1 3}	12.4	14.4	13.4	14.0	14.0	14.7	14.6	13.9
Nondurable goods ³	12.4	14.4	13.4	14.0	14.0	14.7	14.6	13.9
Addenda:								
Exports of agricultural products ⁴	41.5	40.4	40.9	43.8	41.3	38.9	37.4	39.2
Exports of nonagricultural products	328.5	357.6	337.8	350.4	353.7	354.5	371.7	377.8
Imports of nonpetroleum products	430.0	440.4	434.7	435.4	435.5	445.3	445.6	440.5

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
Merchandise exports^{1 2}	390.8	423.9	405.2	422.4	418.4	421.0	433.8	445.8
Foods, feeds, and beverages	35.8	36.6	37.2	40.1	36.9	34.9	34.7	37.3
Industrial supplies and materials	92.2	97.7	92.4	97.2	95.2	95.9	102.6	106.9
Durable goods	32.8	34.6	32.9	34.4	34.1	34.2	35.8	35.8
Nondurable goods	59.4	63.1	59.5	62.8	61.1	61.7	66.8	71.1
Capital goods, except autos	176.4	198.8	182.6	197.6	196.1	198.1	203.6	208.9
Autos	28.9	29.6	29.2	28.4	31.4	29.4	29.2	27.1
Consumer goods	30.9	36.6	33.1	35.2	35.8	37.3	38.3	38.7
Durable goods	17.6	20.9	18.9	20.4	20.3	22.0	21.0	21.2
Nondurable goods	13.4	15.7	14.2	14.8	15.5	15.4	17.2	17.5
Other ^{1 2}	26.5	24.4	30.7	23.9	23.0	25.3	25.4	26.9
Durable goods ^{1 3}	13.3	12.2	15.4	12.0	11.5	12.7	12.7	13.4
Nondurable goods ³	13.3	12.2	15.4	12.0	11.5	12.7	12.7	13.4
Merchandise imports¹	499.3	517.0	514.3	517.8	515.2	526.5	508.4	508.7
Foods, feeds, and beverages	23.9	24.8	24.9	26.4	25.6	23.5	23.7	24.1
Industrial supplies and materials, excluding petroleum	72.3	72.5	72.7	72.2	72.3	73.0	72.6	72.2
Durable goods	39.2	37.1	39.2	37.9	37.0	36.8	36.6	36.2
Nondurable goods	33.1	35.4	33.5	34.3	35.2	36.2	36.0	36.0
Petroleum and products	93.8	95.5	95.0	100.8	96.9	100.9	83.3	84.2
Capital goods, except autos	143.7	156.4	154.9	153.3	154.3	156.1	161.7	167.0
Autos	63.8	63.3	61.0	61.8	63.3	66.8	61.6	59.8
Consumer goods	81.5	81.1	83.5	80.4	79.8	82.2	81.9	79.3
Durable goods	46.1	44.8	46.2	44.0	44.0	45.8	45.3	42.4
Nondurable goods	35.4	36.3	37.3	36.3	35.7	36.4	36.6	36.8
Other ¹	20.4	23.4	22.3	23.0	23.1	24.0	23.6	22.2
Durable goods ^{1 3}	10.2	11.7	11.1	11.5	11.5	12.0	11.8	11.1
Nondurable goods ³	10.2	11.7	11.1	11.5	11.5	12.0	11.8	11.1
Addenda:								
Exports of agricultural products ⁴	39.6	40.1	40.8	43.4	39.9	38.6	38.3	39.4
Exports of nonagricultural products	351.2	383.8	364.3	379.0	378.5	382.4	395.5	406.4
Imports of nonpetroleum products	405.5	421.5	419.3	417.1	418.3	425.5	425.1	424.5

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]

	1989	1990	Seasonally adjusted at annual rates					
			1989		1990			1991
			IV	I	II	III	IV	I
Gross saving	691.5	657.3	674.8	664.8	679.3	665.9	619.2	.....
Gross private saving	779.3	787.9	786.4	795.0	806.7	772.2	777.8	.....
Personal saving	171.8	180.1	174.1	191.3	195.1	166.5	167.5	165.9
Undistributed corporate profits with inventory valuation and capital consumption adjustments	53.0	32.2	39.8	36.7	40.5	26.5	25.2	.....
Undistributed profits	49.1	38.7	38.6	36.8	33.2	44.3	40.4	.....
Inventory valuation adjustment	-21.7	-11.4	-14.5	-11.4	-5	-19.8	-13.8	9.1
Capital consumption adjustment	25.5	4.9	15.6	11.3	7.7	2.0	-1.4	-2.9
Corporate capital consumption allowances with capital consumption adjustment	346.4	363.0	356.5	356.7	359.7	365.5	370.3	375.0
Noncorporate capital consumption allowances with capital consumption adjustment	208.0	212.6	216.0	210.3	211.4	213.8	214.8	216.1
Wage accruals less disbursements	0	0	0	0	0	0	0	0
Government surplus or deficit (-), national income and product accounts	-87.8	-130.6	-111.6	-130.2	-127.3	-106.4	-158.6	.....
Federal	-134.3	-166.0	-150.1	-168.3	-166.0	-145.7	-184.3	.....
State and local	46.4	35.4	38.5	38.1	38.6	39.3	25.7	.....
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Gross investment	674.4	655.6	671.8	665.6	676.1	661.0	619.6	717.1
Gross private domestic investment	771.2	741.0	762.7	747.2	759.0	759.7	698.3	673.4
Net foreign investment	-96.8	-85.5	-90.9	-81.6	-82.9	-98.7	-78.7	43.7
Statistical discrepancy	-17.0	-1.7	-3.0	.7	-3.2	-4.9	.4	.....

Table 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	I
Change in business inventories	28.3	-5.0	25.0	-11.8	13.4	9.0	-30.8	-22.9
Farm	5.0	2.4	9.1	5.3	.5	2.2	1.5	5.1
Nonfarm	23.3	-7.4	24.1	-17.0	13.0	6.8	-32.4	-27.9
Change in book value	51.9	16.0	43.8	-1.3	14.1	53.9	-2.5	-35.4
Inventory valuation adjustment ¹	-28.6	-23.4	-19.7	-15.7	-1.1	-47.0	-29.8	7.5
Manufacturing	5.0	-4.6	-5.3	.3	-3.5	5.4	-20.7	-6.6
Durable goods	5.3	-4.4	-1.1	-3.4	-4.9	3.4	-12.8	-7.2
Nondurable goods	-4	-2	-5.4	3.6	1.4	2.0	-7.9	.5
Wholesale trade	2.3	2.2	5.9	-4	3.2	1.8	4.0	6.3
Durable goods	2.6	2.2	2.7	1.9	.1	5.7	1.2	10.5
Nondurable goods	-3	-1	3.2	-2.2	3.1	-3.9	2.9	-4.2
Merchant wholesalers	3.1	1.8	10.8	-2.6	1.9	1.1	6.7	6.2
Durable goods	2.8	2.6	4.8	2.1	0	6.1	2.2	10.3
Nondurable goods	.3	-.8	6.0	-4.7	1.9	-5.0	4.6	-4.1
Nonmerchant wholesalers	-.8	-.4	-4.9	2.3	1.3	.7	-2.7	.1
Durable goods	-1	-.4	-2.1	-2	.2	-.4	-1.0	-.2
Nondurable goods	-.6	.8	-2.8	2.5	1.1	1.1	-1.7	-.1
Retail trade	8.1	-7.9	14.6	-30.8	9.2	.8	-10.8	-20.0
Durable goods	2.2	-7.5	6.9	-24.6	6.5	3.0	-14.8	-22.5
Automotive	2.8	-8.1	8.6	-26.9	3.4	3.8	-12.6	-22.7
Other	-.6	-.6	-1.8	2.4	3.1	-.9	-2.2	-.2
Nondurable goods	5.9	-.4	7.7	-6.2	2.7	-2.1	4.0	2.6
Other	7.9	3.0	8.9	13.9	4.1	-1.2	-4.9	-7.6
Durable goods	1.8	-1.4	3.6	4.5	-1.7	-2.3	-6.0	-8.7
Nondurable goods	6.2	4.3	5.4	9.4	5.8	1.1	1.1	1.1

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 5.10.—Inventories and Final Sales of Business by Industry

[Billions of dollars]

	Seasonally adjusted quarterly totals					
	1989	1990				1991
	IV	I	II	III	IV	I
Inventories¹	1,050.8	1,049.4	1,049.3	1,070.1	1,061.1	1,047.8
Farm	77.9	79.4	79.1	77.3	76.1	79.3
Nonfarm	972.9	970.0	970.2	992.8	985.0	968.5
Durable goods	567.1	563.3	562.0	567.6	559.9	552.9
Nondurable goods	405.8	406.7	408.2	425.2	425.1	415.6
Manufacturing	382.7	382.5	377.8	390.2	383.5	375.6
Durable goods	255.4	255.4	252.5	255.3	251.6	249.0
Nondurable goods	127.3	127.1	125.4	134.8	131.9	126.6
Wholesale trade	226.6	227.3	228.2	233.2	234.0	234.6
Durable goods	146.0	147.0	147.1	149.2	150.0	153.0
Nondurable goods	80.6	80.4	81.1	84.0	84.1	81.6
Merchant wholesalers	198.8	199.2	200.2	203.0	205.0	206.6
Durable goods	129.5	130.4	130.7	132.9	133.9	136.9
Nondurable goods	69.3	68.8	69.5	70.1	71.1	69.7
Nonmerchant wholesalers	27.8	28.1	28.0	30.2	29.1	28.0
Durable goods	16.5	16.5	16.4	16.3	16.1	16.1
Nondurable goods	11.3	11.6	11.6	13.9	13.0	11.9
Retail trade	238.0	231.6	234.5	237.0	235.4	230.6
Durable goods	119.8	113.8	115.6	116.9	113.8	108.4
Automotive	63.0	56.1	57.2	58.5	55.7	50.1
Other	56.8	57.6	58.5	58.4	58.0	58.3
Nondurable goods	118.2	117.8	118.9	120.1	121.6	122.2
Other	125.6	128.6	129.6	132.5	132.1	127.8
Final sales ²	371.5	380.3	383.3	387.5	390.2	390.7
Final sales of goods and structures ²	209.7	216.3	216.3	218.0	217.9	215.4
Ratio of inventories to final sales						
Inventories to final sales	2.83	2.76	2.74	2.76	2.72	2.68
Nonfarm inventories to final sales	2.62	2.55	2.53	2.56	2.52	2.48
Nonfarm inventories to final sales of goods and structures	4.64	4.48	4.49	4.55	4.52	4.50

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

[Billions of 1982 dollars]

	1989	1990	Seasonally adjusted at annual rates					
			1990					1991
			IV	I	II	III	IV	I
Change in business inventories	23.8	-3.6	18.9	-2.2	9.5	4.7	-26.4	-20.7
Farm	5.0	1.5	3.6	6.0	-2.1	0	2.1	4.8
Nonfarm	18.7	-5.1	15.3	-8.2	11.6	4.7	-28.5	-25.5
Manufacturing	3.8	-3.9	-5.7	1.7	-2.6	3.7	-18.3	-8.3
Durable goods	4.2	-3.9	-5	-2.9	-4.3	2.9	-11.3	-6.1
Nondurable goods	-4	0	-5.2	4.7	1.7	.8	-7.0	-2.2
Wholesale trade	1.3	2.4	2.0	2.0	2.9	1.5	3.2	5.6
Durable goods	2.3	1.9	2.0	2.0	0	4.9	.7	9.2
Nondurable goods	-1.0	.5	0	.1	2.9	-3.4	2.6	-3.5
Merchant wholesalers	2.5	1.6	7.7	-1.1	1.2	.6	5.8	5.5
Durable goods	2.4	2.2	3.8	2.1	-2	5.4	1.6	8.9
Nondurable goods	0	-.6	3.8	-3.2	1.4	-4.8	4.2	-3.4
Nonmerchant wholesalers	-1.2	-.8	-3.7	3.1	1.7	.9	-2.5	.1
Durable goods	-1	-.3	-1.9	-.1	.2	-.5	-.9	-.3
Nondurable goods	-1.0	1.1	-3.8	3.2	1.5	1.4	-1.6	-.2
Retail trade	6.9	-6.6	12.2	-25.6	7.6	.8	-9.3	-16.7
Durable goods	1.9	-6.3	5.8	-20.5	5.4	2.4	-12.4	-18.6
Automotive	2.4	-6.7	7.3	-22.6	2.8	3.2	-10.4	-18.8
Other	-.5	-.5	-1.5	2.1	2.6	-.8	-2.0	-.2
Nondurable goods	5.0	-.3	6.4	-5.1	2.2	-1.5	3.1	1.9
Other	6.8	3.0	6.9	13.7	3.7	-1.3	-4.1	-6.1
Durable goods	1.5	-1.2	3.0	3.8	-1.4	-1.9	-5.0	-7.2
Nondurable goods	5.3	4.1	3.9	9.9	5.1	.6	.9	1.1

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

[Billions of 1982 dollars]

	Seasonally adjusted quarterly totals					
	1989	1990				1991
	IV	I	II	III	IV	I
Inventories¹	909.1	908.6	911.0	912.1	905.9	900.4
Farm	69.0	70.5	70.0	70.0	70.9	71.7
Nonfarm	840.2	838.1	841.0	842.2	835.1	828.7
Durable goods	482.7	478.3	478.2	480.3	473.3	467.6
Nondurable goods	357.4	359.8	362.8	361.9	361.8	361.1
Manufacturing	333.6	334.0	333.4	334.3	329.7	327.6
Durable goods	219.7	219.0	217.9	218.6	215.8	214.3
Nondurable goods	113.9	115.0	115.5	115.7	113.9	113.4
Wholesale trade	193.7	194.2	194.9	195.3	196.1	197.5
Durable goods	123.1	123.6	123.6	124.8	125.0	127.3
Nondurable goods	70.6	70.6	71.4	70.5	71.1	70.3
Merchant wholesalers	168.7	168.4	168.7	168.9	170.3	171.7
Durable goods	109.0	109.5	109.5	110.8	111.2	113.4
Nondurable goods	59.7	58.9	59.3	58.1	59.1	58.3
Nonmerchant wholesalers	25.0	25.8	26.2	26.4	25.8	25.8
Durable goods	14.1	14.0	14.1	14.0	13.7	13.8
Nondurable goods	10.9	11.7	12.1	12.4	12.0	12.0
Retail trade	199.3	192.9	194.8	195.0	192.7	188.5
Durable goods	101.5	96.4	97.8	98.4	95.3	90.6
Automotive	52.8	47.2	47.9	48.7	46.1	41.4
Other	48.7	49.2	49.9	49.7	49.2	49.2
Nondurable goods	97.7	96.5	97.0	96.6	97.4	97.9
Other	113.6	117.0	117.9	117.6	116.6	115.1
Final sales ²	295.5	298.5	298.1	298.8	299.4	296.2
Final sales of goods and structures ²	181.2	184.1	182.8	183.2	183.3	179.4
Ratio of inventories to final sales						
Inventories to final sales	3.08	3.04	3.06	3.05	3.03	3.04
Nonfarm inventories to final sales	2.84	2.81	2.82	2.82	2.79	2.80
Nonfarm inventories to final sales of goods and structures	4.64	4.55	4.60	4.60	4.56	4.62

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)

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Fixed investment	742.9	746.1	737.7	758.9	745.6	750.7	729.2	696.2	
Nonresidential	511.9	524.1	511.8	523.1	516.5	532.8	524.0	506.3	
Structures	146.2	147.0	147.1	148.8	147.2	149.8	142.1	139.2	
Nonresidential buildings, excluding farm	104.3	103.5	104.5	104.9	104.6	106.1	98.3	96.4	
Public utilities	25.7	25.8	24.9	25.4	25.8	25.9	25.9	25.5	
Mining exploration, shafts, and wells	11.1	11.7	12.0	12.4	10.9	11.5	12.0	11.4	
Other	5.1	6.1	5.7	6.1	5.9	6.2	6.0	5.9	
Producers' durable equipment ...	365.7	377.1	364.7	374.3	369.3	383.0	381.9	367.1	
Information processing and related equipment	116.0	120.2	118.2	120.4	118.6	119.1	122.8	121.3	
Industrial equipment	93.1	92.4	93.8	95.1	90.6	91.3	92.6	87.0	
Transportation and related equipment	76.2	83.2	70.7	77.9	79.4	91.7	84.0	83.6	
Other	80.4	81.2	82.0	80.9	80.7	80.8	82.4	75.2	
Residential	231.0	222.0	225.9	235.9	229.1	217.9	205.2	189.9	
Single-family structures	116.7	111.0	113.8	122.6	115.1	107.4	99.1	87.6	
Multifamily structures	23.3	20.1	21.6	20.8	20.9	19.6	19.1	17.0	
Other	90.9	90.9	90.5	92.4	93.1	90.9	87.0	85.3	

Table 5.13.—Fixed Investment by Type in Constant Dollars
(Billions of 1982 dollars)

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Fixed investment	693.1	692.3	690.2	702.9	691.2	692.3	682.7	650.8	
Nonresidential	506.1	515.4	508.4	514.6	508.4	519.3	519.4	499.6	
Structures	122.4	120.9	123.1	123.8	120.9	122.4	116.4	113.0	
Nonresidential buildings, excluding farm	81.2	78.6	80.6	80.2	79.7	80.2	74.1	72.4	
Public utilities	21.3	20.6	20.2	20.5	20.7	20.7	20.5	20.1	
Mining exploration, shafts, and wells	15.7	16.9	17.7	18.2	15.8	16.5	17.0	15.9	
Other	4.1	4.8	4.6	4.9	4.7	5.0	4.8	4.7	
Producers' durable equipment ...	383.7	394.6	385.4	390.8	387.5	397.0	403.1	386.5	
Information processing and related equipment	179.0	191.3	186.0	188.4	188.1	187.9	200.9	197.5	
Industrial equipment	74.9	71.4	74.6	74.4	70.6	70.3	70.3	65.5	
Transportation and related equipment	63.8	67.3	58.2	63.3	64.4	74.5	67.0	65.1	
Other	66.1	64.6	66.5	64.7	64.5	64.2	64.9	58.5	
Residential	187.0	176.8	181.8	188.3	182.8	173.0	163.3	151.2	
Single-family structures	93.5	87.6	90.6	96.9	91.1	84.2	78.2	69.2	
Multifamily structures	18.7	15.9	17.2	16.4	16.6	15.4	15.1	13.5	
Other	74.8	73.4	74.0	75.0	75.2	73.4	70.0	68.6	

Table 6.3B.—National Income Without Capital Consumption Adjustment by Industry
(Billions of dollars)

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
National income without capital consumption adjustment	4,228.5	4,445.8	4,287.6	4,371.0	4,435.4	4,483.2	4,493.8		
Domestic industries	4,190.9	4,404.1	4,244.8	4,329.3	4,403.8	4,440.4	4,443.0		
Private industries	3,584.9	3,755.7	3,625.9	3,694.9	3,758.8	3,788.3	3,781.0		
Agriculture, forestry, and fisheries ..	101.0	103.4	98.7	111.0	104.5	96.0	102.1		
Mining	36.4	42.2	37.4	39.3	40.4	41.2	48.0		
Construction	225.1	225.1	227.8	232.1	227.7	225.0	215.6		
Manufacturing	803.8	806.5	793.8	800.6	819.8	814.7	791.0		
Durable goods	465.6	461.5	458.3	464.8	471.5	464.5	445.4		
Nondurable goods	338.2	345.0	335.6	335.8	348.4	350.1	345.6		
Transportation and public utilities ..	314.2	328.8	314.6	322.8	328.3	332.7	331.5		
Transportation	136.6	144.0	136.4	140.8	144.8	145.8	144.7		
Communication	87.4	92.8	89.8	91.1	91.9	93.5	94.6		
Electric, gas, and sanitary services	90.2	92.0	88.4	90.9	91.7	93.3	92.1		
Wholesale trade	247.4	261.7	255.8	256.5	260.4	263.7	266.0		
Retail trade	360.1	377.1	366.3	372.4	381.5	377.2	377.3		
Finance, insurance, and real estate ..	613.8	647.5	621.6	630.6	643.6	658.5	657.3		
Services	883.0	963.4	910.0	929.6	952.5	979.4	992.2		
Government and government enterprises	606.0	648.4	618.9	634.4	645.0	652.0	662.0		
Rest of the world	37.6	41.7	42.8	41.6	31.6	42.9	50.8	53.0	

Table 6.18B.—Corporate Profits by Industry
(Billions of dollars)

	1989	1990	Seasonally adjusted at annual rates						
			1989		1990				1991
			IV	I	II	III	IV	I	
Corporate profits with inventory valuation and capital consumption adjustments	311.6	298.3	290.9	296.8	306.6	300.7	288.9		
Domestic industries	260.7	241.4	234.0	243.9	257.6	243.1	220.8		
Financial	19.7	21.8	10.3	19.3	21.8	24.3	21.7		
Nonfinancial	241.0	219.5	223.8	224.5	235.8	218.8	199.1		
Rest of the world	50.9	56.9	56.9	52.9	48.9	57.6	68.0		
Corporate profits with inventory valuation adjustment	286.1	293.3	275.3	285.5	298.8	298.7	290.3		
Domestic industries	235.2	236.4	218.4	232.6	249.9	241.1	222.3		
Financial	15.4	18.7	6.9	16.1	18.2	21.7	18.8		
Federal Reserve banks	20.7	21.5	20.8	20.8	21.1	22.6	21.7		
Other	-5.2	-2.8	-13.9	-4.7	-2.9	-8	-2.9		
Nonfinancial	219.8	217.7	211.5	216.5	231.7	219.3	203.4		
Manufacturing	96.1	88.8	83.7	90.1	100.8	91.2	73.1		
Durable goods	37.1	31.1	30.2	37.4	39.5	30.2	17.2		
Primary metal industries	6.2	4.0	4.3	4.9	5.4	3.6	2.4		
Fabricated metal products	6.7	4.9	4.6	6.4	6.0	4.8	2.4		
Machinery, except electrical	4.7	6.7	5.7	7.3	7.9	6.3	5.2		
Electric and electronic equipment ..	7.4	6.8	8.9	8.6	7.8	6.6	4.3		
Motor vehicles and equipment	-1.9	-7.0	-5.8	-7.2	-4.3	-5.4	-11.2		
Other	13.9	15.6	12.6	17.4	16.7	14.3	14.1		
Nondurable goods	59.0	57.7	53.5	52.7	61.3	60.9	55.8		
Food and kindred products	14.0	14.2	12.4	10.9	15.3	15.7	14.8		
Chemicals and allied products	21.7	21.3	20.1	21.9	22.7	22.1	18.6		
Petroleum and coal products .....	.3	4.3	-1	1.0	3.7	3.7	8.7	
Other	23.1	17.9	21.1	18.9	19.6	19.4	13.8		
Transportation and public utilities ..	43.6	41.6	40.2	41.5	41.9	42.8	40.2		
Wholesale and retail trade	38.7	41.5	41.9	39.2	44.4	39.5	42.8		
Other	41.4	45.9	45.7	45.7	44.6	45.9	47.4		
Rest of the world	50.9	56.9	56.9	52.9	48.9	57.6	68.0		

**Table 7.1.—Fixed-Weighted Price Indexes for Gross National Product,
1982 Weights**
[Index numbers, 1982=100]

	1989	1990	Seasonally adjusted					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	129.5	135.4	131.2	133.3	134.6	136.0	137.5	139.3
Personal consumption expenditures	131.6	138.4	133.7	136.1	137.1	139.1	141.5	142.6
Durable goods	114.3	116.8	115.2	116.4	116.5	116.7	117.4	118.7
Nondurable goods	123.9	132.3	125.7	129.7	130.3	132.8	136.4	136.7
Services	141.7	148.4	144.2	145.7	147.3	149.3	151.1	152.9
Gross private domestic investment								
Fixed investment	115.0	118.1	116.1	117.3	117.6	118.4	119.2	120.1
Nonresidential	112.6	116.0	113.8	115.0	115.5	116.2	117.3	118.5
Structures	110.3	112.6	110.9	111.6	112.2	113.0	113.6	114.3
Producers' durable equipment	114.1	118.2	115.7	117.2	117.6	118.2	119.7	121.2
Residential	123.3	125.5	124.1	125.1	125.2	126.0	125.8	125.8
Change in business inventories								
Net exports of goods and services								
Exports	114.4	117.4	114.4	115.9	116.7	117.6	119.0	119.9
Imports	109.5	113.9	109.9	112.3	110.0	113.6	120.1	116.1
Government purchases of goods and services ...	130.6	136.5	132.1	134.4	135.5	137.0	139.0	140.7
Federal	122.4	127.3	123.0	125.8	126.5	127.5	129.2	131.7
National defense	121.8	127.1	122.3	125.6	126.0	127.2	129.6	131.9
Nondefense	123.9	127.6	124.9	126.6	127.6	128.0	128.3	131.1
State and local	136.7	143.3	138.9	140.8	142.1	144.0	146.3	147.3
Addenda:								
Final sales	129.3	135.2	131.1	133.2	134.4	135.8	137.4	139.1
Personal consumption expenditures, food	129.2	137.1	131.4	135.8	136.1	137.5	139.2	141.4
Personal consumption expenditures, energy	97.8	106.4	98.3	102.3	100.6	105.5	117.0	109.4
Other personal consumption expenditures	136.4	142.7	138.7	140.3	141.9	143.6	145.1	147.0

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]

	1989	1990	Seasonally adjusted					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	129.5	135.4	131.2	133.3	134.6	136.0	137.5	139.3
Final sales	129.3	135.2	131.1	133.2	134.4	135.8	137.4	139.1
Change in business inventories								
Goods	119.9	125.8	121.3	123.9	125.1	126.1	127.7	129.3
Final sales	119.7	125.5	121.1	123.7	124.8	125.9	127.5	129.0
Change in business inventories								
Durable goods	110.8	114.2	112.0	113.4	113.9	114.2	115.1	116.4
Final sales	110.9	114.2	112.1	113.5	113.9	114.3	115.1	116.3
Change in business inventories								
Nondurable goods	126.0	133.6	127.6	130.9	132.5	134.1	136.3	138.0
Final sales	125.8	133.3	127.3	130.7	132.2	133.8	136.0	137.7
Change in business inventories								
Services	143.0	146.6	145.3	144.1	145.7	147.4	149.2	151.4
Structures	117.3	119.5	118.0	118.9	119.2	119.9	120.2	120.6

**Table 7.3.—Fixed-Weighted Price Indexes for Relation of Gross National
Product, Gross Domestic Purchases, and Final Sales to Domestic Pur-
chasers, 1982 Weights**
[Index numbers, 1982=100]

	1989	1990	Seasonally adjusted					
			1989	1990				1991
				IV	I	II	III		IV	I
Gross national product	129.5	135.4	131.2	133.3	134.6	136.0	137.5	139.3
Less: Exports of goods and services	114.4	117.4	114.4	115.9	116.7	117.6	119.0	119.9
Plus: Imports of goods and services	109.5	113.9	109.9	112.3	110.0	113.6	120.1	116.1
Equals: Gross domestic purchases ¹	129.1	135.2	130.9	133.1	134.1	135.7	137.8	139.1
Less: Change in business inventories								
Equals: Final sales to domestic purchasers ²	129.0	135.0	130.7	132.9	133.9	135.5	137.6	138.8

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]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
Gross national product	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9	
Personal consumption expenditures	129.9	136.4	131.8	134.0	135.2	137.0	139.3	140.4	
Durable goods	110.9	112.4	111.4	112.5	112.1	112.3	112.7	113.1	
Nondurable goods	122.8	131.0	124.5	128.3	129.4	131.5	134.9	135.2	
Services	141.0	147.7	143.4	145.1	146.6	148.5	150.4	151.9	
Gross private domestic investment									
Fixed investment	107.2	107.8	106.9	108.0	107.9	108.4	106.8	107.0	
Nonresidential	101.2	101.7	100.7	101.6	101.6	102.6	100.9	101.3	
Structures	119.5	121.6	119.5	120.2	121.8	122.4	122.1	123.1	
Producers' durable equipment	95.3	95.6	94.6	95.8	95.3	96.5	94.7	95.0	
Residential	123.5	125.5	124.3	125.3	125.3	126.0	125.7	125.6	
Change in business inventories									
Net exports of goods and services									
Exports	105.5	106.5	105.1	105.3	106.4	106.7	107.8	107.1	
Imports	103.8	105.8	102.8	104.2	103.0	105.5	110.7	106.3	
Government purchases of goods and services	128.5	133.8	130.1	132.5	132.5	134.0	136.1	137.8	
Federal	119.4	123.3	120.2	123.3	122.0	123.0	125.1	127.6	
National defense	117.5	121.2	117.1	120.8	120.7	121.1	122.3	124.4	
Nondefense	125.8	129.8	130.4	131.5	125.6	128.9	133.8	137.7	
State and local	135.1	141.3	137.1	138.9	140.1	142.0	144.1	145.2	

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	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9
Final sales	126.3	131.5	127.9	129.7	131.0	132.2	133.0	134.8
Change in business inventories								
Goods	113.3	117.2	114.4	115.6	117.2	118.0	117.8	119.3
Final sales	113.2	117.2	114.2	116.2	117.1	117.8	117.8	119.2
Change in business inventories								
Durable goods	99.9	100.8	100.3	100.6	101.2	101.3	100.1	100.4
Final sales	99.7	101.0	100.0	101.0	101.2	101.1	100.6	100.9
Change in business inventories								
Nondurable goods	126.5	133.7	128.3	130.8	133.3	135.5	135.4	137.7
Final sales	126.6	133.9	128.2	131.9	133.3	135.0	135.5	137.5
Change in business inventories								
Services	139.4	146.1	141.6	143.6	145.2	146.9	148.6	150.6
Structures	122.6	124.7	123.1	124.0	124.6	125.2	124.9	125.3

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	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9
Gross domestic product	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9
Business	124.2	129.0	125.8	127.1	128.6	129.8	130.4	132.0
Nonfarm	124.4	129.3	126.2	127.3	128.8	130.1	130.9	132.4
Nonfarm less housing	122.5	127.1	124.1	125.3	126.8	127.9	128.6	130.2
Housing	145.3	151.9	148.1	148.8	150.6	153.6	154.7	155.6
Farm	112.4	116.5	109.3	120.5	119.1	116.1	110.3	114.6
Statistical discrepancy	124.2	129.0	125.8	127.1	128.6	129.8	130.4	132.0
Households and institutions	139.3	145.5	140.9	142.5	144.2	146.3	148.6	150.5
Private households	107.4	110.9	107.7	108.5	109.9	111.7	113.5	114.9
Nonprofit institutions	141.5	147.8	143.3	144.9	146.6	148.6	151.0	152.8
Government	141.2	148.7	143.3	146.3	147.9	149.4	151.0	154.3
Federal	133.3	139.9	133.9	139.0	139.8	140.0	140.7	146.6
State and local	145.1	153.0	147.9	149.9	151.9	154.0	156.0	158.0
Rest of the world	128.7	134.4	130.6	132.2	133.9	135.3	136.3	138.4
Addendum:								
Gross domestic business product less housing ..	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]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
Gross national product	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9	
Less: Capital consumption allowances with capital consumption adjustment	109.6	110.8	110.1	110.6	110.6	110.9	111.0	111.2	
Equals: Net national product	128.6	134.4	130.5	132.2	133.9	135.3	136.3	138.4	
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises ..	132.0	141.8	134.8	136.8	139.6	145.4	145.6	154.1	
Statistical discrepancy	124.2	129.0	125.8	127.1	128.6	129.8	130.4	131.2	
Equals: National income	128.3	133.7	130.1	131.7	133.3	134.3	135.4	137.2	

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

[Index numbers, 1982=100]

Gross national product	126.3	131.5	128.0	129.5	131.0	132.2	133.1	134.9
Less: Net exports of goods and services								
Exports	105.5	106.5	105.1	105.3	106.4	106.7	107.8	107.1
Imports	103.8	105.8	102.8	104.2	103.0	105.5	110.7	106.3
Equals: Gross domestic purchases	125.8	131.1	127.3	129.1	130.2	131.8	133.5	134.8
Plus: Command-basis net exports of goods and services								
Command-basis exports	103.8	105.8	102.8	104.2	103.0	105.5	110.7	106.3
Imports	103.8	105.8	102.8	104.2	103.0	105.5	110.7	106.3
Equals: Command-basis gross national product	126.0	131.3	127.6	129.3	130.4	132.0	133.6	134.7

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	131.6	138.4	133.7	136.1	137.1	139.1	141.5	142.6
Durable goods	114.3	116.8	115.2	116.4	116.5	116.7	117.4	118.7
Motor vehicles and parts	118.7	120.1	119.3	120.2	119.6	119.7	120.7	122.6
Furniture and household equipment	104.9	106.6	105.8	106.3	106.4	106.7	106.9	107.3
Other	123.5	130.3	125.1	128.4	130.4	130.8	131.7	133.3
Nondurable goods	123.9	132.3	125.7	129.7	130.3	132.8	136.4	136.7
Food	129.2	137.1	131.4	135.8	136.1	137.5	139.2	141.4
Clothing and shoes	118.5	123.6	119.2	122.3	124.2	123.8	124.0	127.8
Gasoline and oil	86.8	99.0	85.7	90.5	90.0	99.7	115.6	100.9
Other nondurable goods	135.5	145.6	139.0	142.1	143.2	146.3	150.8	151.8
Fuel oil and coal	80.4	97.7	84.4	95.6	85.5	93.7	116.1	100.8
Other	142.9	152.0	146.3	148.3	150.8	153.4	155.4	158.4
Services	141.7	148.4	144.2	145.7	147.3	149.3	151.1	152.9
Housing	142.9	150.4	145.9	147.2	148.9	152.1	153.3	154.7
Household operation	122.6	124.9	123.6	125.0	124.7	123.9	126.0	128.7
Electricity and gas	115.7	117.6	117.2	118.4	117.3	115.7	119.0	122.1
Other	129.7	132.4	130.2	131.8	132.3	132.3	133.2	135.6
Transportation	131.9	137.7	132.7	135.2	136.8	138.0	140.7	144.8
Medical care	153.4	162.5	157.2	158.9	161.1	163.7	166.4	168.7
Other	143.5	149.7	145.7	147.1	148.9	150.7	152.2	152.9

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	114.4	117.4	114.4	115.9	116.7	119.0	119.9
Merchandise	106.2	107.3	105.4	106.4	106.8	107.0	108.5
Durable goods	107.0	109.3	107.6	108.5	109.0	109.4	110.0
Nondurable goods	105.2	104.6	102.4	103.4	104.3	103.9	106.5
Services	126.1	132.0	127.6	129.6	131.0	132.9	134.3
Factor income	129.5	135.3	131.4	133.0	134.7	136.2	137.1
Other	120.1	126.1	120.8	123.6	124.5	126.9	129.3
Imports of goods and services	109.5	113.9	109.9	112.3	110.0	113.6	120.1
Merchandise	103.1	106.2	102.6	105.1	101.7	105.5	113.6
Durable goods	120.0	121.0	119.6	120.4	120.0	120.7	122.5
Nondurable goods	85.1	91.3	85.2	89.5	83.5	89.9	104.3
Services	129.6	136.4	131.2	1			

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]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
Merchandise exports	106.2	107.3	105.4	106.4	106.8	107.0	108.5	108.7	
Foods, feeds, and beverages	102.0	96.7	96.0	97.0	99.6	96.3	93.8	96.5	
Industrial supplies and materials	104.0	104.8	102.6	103.3	102.7	104.2	108.7	105.7	
Durable goods	104.5	104.0	103.4	103.7	102.8	104.8	104.5	104.5	
Nondurable goods	103.8	105.2	102.3	103.2	102.7	104.0	110.3	106.1	
Capital goods, except autos	104.7	107.7	105.5	106.9	107.5	107.7	108.4	109.5	
Autos	120.1	122.5	122.0	121.9	122.5	122.6	123.0	125.3	
Consumer goods	116.1	119.5	116.6	117.8	119.3	119.4	121.4	123.5	
Durable goods	108.6	110.3	108.5	109.4	111.1	110.0	110.7	113.2	
Nondurable goods	121.9	126.8	122.9	124.5	125.8	126.7	129.8	131.6	
Other	106.1	107.7	105.6	106.6	107.5	107.6	109.2	109.2	
Durable goods	103.8	105.4	103.3	104.2	105.2	105.3	106.8	106.8	
Nondurable goods	108.4	110.1	107.9	108.9	109.9	109.9	111.5	111.6	
Merchandise imports	103.1	106.2	102.6	105.1	101.7	105.5	113.6	107.6	
Foods, feeds, and beverages	105.0	106.8	100.5	105.0	104.6	108.5	109.4	107.8	
Industrial supplies and materials, excluding petroleum	108.1	105.8	105.8	106.5	105.9	105.5	105.6	105.9	
Durable goods	107.6	103.6	104.7	103.2	103.7	104.3	103.3	102.7	
Nondurable goods	108.6	108.1	106.9	109.8	108.0	106.7	107.9	109.0	
Petroleum and products	54.3	65.2	56.1	61.9	50.2	62.2	90.4	63.1	
Capital goods, except autos	116.3	119.0	115.4	118.1	118.0	119.1	121.2	122.7	
Autos	134.7	136.1	136.1	135.9	134.2	135.4	139.0	141.2	
Consumer goods	126.0	129.0	127.0	128.2	129.1	128.7	130.2	131.4	
Durable goods	121.2	123.4	122.1	123.2	123.4	122.5	124.4	126.4	
Nondurable goods	132.8	137.1	134.0	135.2	137.1	137.6	138.4	138.4	
Other	121.3	122.6	120.6	121.9	121.7	122.6	124.1	125.1	
Durable goods	121.3	122.6	120.6	121.9	121.7	122.6	124.1	125.1	
Nondurable goods	121.3	122.6	120.6	121.9	121.7	122.6	124.1	125.1	

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

[Index numbers, 1982=100]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
National defense purchases	121.8	127.1	122.3	125.6	126.0	127.2	129.6	131.9	
Durable goods	110.9	111.4	110.1	111.0	110.6	111.3	112.6	113.5	
Military equipment	112.2	112.4	111.0	111.9	112.0	112.3	113.4	114.5	
Aircraft	106.9	106.1	104.2	105.9	105.8	105.2	107.6	108.6	
Missiles	115.3	111.8	112.2	112.3	111.2	112.5	111.1	112.5	
Ships	131.7	134.4	132.6	133.1	133.7	135.1	135.5	136.6	
Vehicles	91.1	94.1	92.5	92.3	93.9	94.8	95.3	95.3	
Electronic equipment	111.1	111.7	111.6	111.7	111.6	111.7	111.9	112.5	
Other	115.4	118.2	116.4	117.0	117.9	118.3	119.7	121.6	
Other durable goods	105.4	106.8	106.0	107.1	104.3	106.9	108.7	109.3	
Nondurable goods	76.0	87.5	77.5	80.9	79.2	85.8	104.2	92.1	
Petroleum products	59.7	75.7	61.2	65.9	63.5	73.6	99.9	81.3	
Ammunition	102.3	102.7	103.5	103.5	103.4	102.1	101.8	104.1	
Other nondurable goods	119.0	122.9	120.5	121.9	121.7	121.9	126.1	126.3	
Services	130.7	137.2	131.5	135.8	136.6	137.6	138.8	143.1	
Compensation of employees	132.8	139.6	133.3	138.8	139.6	139.7	140.2	146.0	
Military	131.9	138.7	131.9	138.0	138.8	138.8	139.0	144.7	
Civilian	134.6	141.4	136.1	140.4	141.2	141.5	142.6	148.7	
Other services	126.6	132.6	128.0	129.9	130.8	133.5	136.0	137.5	
Contractual research and development	124.7	128.9	125.8	126.9	127.8	129.8	131.1	133.0	
Installation support ¹	133.2	139.3	135.0	136.3	137.1	141.2	142.6	143.3	
Weapons support ²	122.0	126.2	123.9	124.8	125.8	125.9	128.1	129.0	
Personnel support ³	163.3	178.6	167.7	171.6	173.0	180.2	189.5	191.0	
Transportation of material	91.4	95.8	88.5	93.8	94.0	95.8	99.5	102.2	
Travel of persons	110.3	119.1	111.5	116.2	117.5	118.9	123.6	126.2	
Other									
Structures	128.9	133.3	131.3	131.7	131.7	134.8	135.0	136.3	
Military facilities	130.2	135.9	133.7	133.9	133.6	137.8	138.4	140.6	
Other	126.9	129.3	127.6	128.5	128.8	130.2	129.8	130.0	

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

[Index numbers, 1982=100]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
Government purchases of goods and services	130.6	136.5	132.1	134.4	135.5	137.0	139.0	140.7	
Federal	122.4	127.3	123.0	125.8	126.5	127.5	129.2	131.7	
National defense	121.8	127.1	122.3	125.6	126.0	127.2	129.6	131.9	
Durable goods	110.9	111.4	110.1	111.0	110.6	111.3	112.6	113.5	
Nondurable goods	76.0	87.5	77.5	80.9	79.2	85.8	104.2	92.1	
Services	130.7	137.2	131.5	135.8	136.6	137.6	138.8	143.1	
Compensation of employees	132.8	139.6	133.3	138.8	139.6	139.7	140.2	146.0	
Military	131.9	138.7	131.9	138.0	138.8	138.8	139.0	144.7	
Civilian	134.6	141.4	136.1	140.4	141.2	141.5	142.6	148.7	
Other services	126.6	132.6	128.0	129.9	130.8	133.5	136.0	137.5	
Structures	128.9	133.3	131.3	131.7	131.7	134.8	135.0	136.3	
Nondefense	123.9	127.6	124.9	126.6	126.6	128.1	131.1	131.1	
Durable goods	104.5	107.7	105.5	106.4	107.1	108.0	109.3	110.4	
Nondurable goods									
Commodity Credit Corporation inventory change									
Other nondurables	104.7	106.9	106.6	105.0	107.8	104.5	110.2	103.0	
Services	130.4	136.1	131.6	134.6	135.6	136.5	137.5	141.8	
Compensation of employees	134.5	140.7	135.3	139.6	140.4	140.8	141.8	148.0	
Other services	124.0	128.9	125.7	126.8	128.1	129.7	130.9	132.1	
Structures	119.8	123.3	121.4	122.2	122.7	123.7	124.4	124.9	
State and local	136.7	143.3	138.9	140.8	142.1	144.0	146.3	147.3	
Durable goods	117.4	120.4	118.7	119.2	119.9	121.0	121.7	123.2	
Nondurable goods	103.7	110.2	105.3	107.2	105.5	110.3	117.6	110.6	
Services	143.8	151.4	146.4	148.6	150.4	152.3	154.4	156.6	
Compensation of employees	145.3	153.1	148.1	150.1	152.1	154.1	156.2	158.2	
Other services	137.2	143.8	138.8	141.7	142.9	144.1	146.5	149.0	
Structures	123.3	124.8	123.7	124.6	124.7	124.9	124.9	124.9	

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

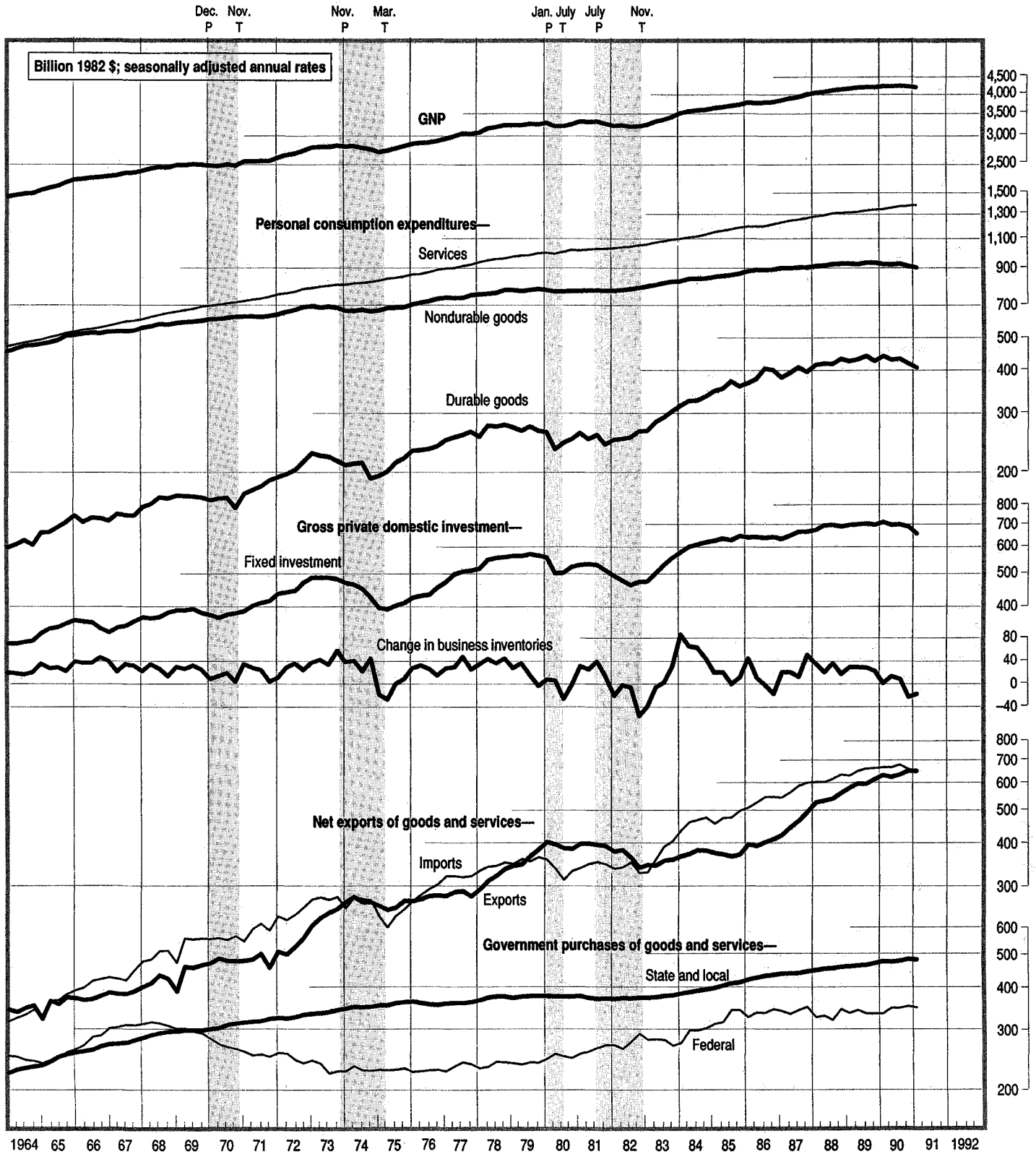
[Dollars]

	1989	1990	Seasonally adjusted						
			1989	1990					1991
				IV	I	II	III	IV	
Current-dollar cost and profit per unit of constant-dollar gross domestic product¹	1.174	1.217	1.189	1.200	1.213	1.223	1.230	.....
Capital consumption allowances with capital consumption adjustment .....	.131	.137	.135	.135	.135	.137	.140	.....
Net domestic product	1.043	1.080	1.054	1.065	1.078	1.086	1.090	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies .....	.112	.119	.114	.117	.116	.121	.123	.....
Domestic income .....	.931	.961	.939	.948	.962	.966	.967	.....
Compensation of employees .....	.782	.817	.795	.803	.812	.823	.830	.....
Corporate profits with inventory valuation and capital consumption adjustments .....	.099	.090	.092	.093	.097	.090	.083	.....
Profits tax liability .....	.042	.040	.040	.039	.040	.041	.038	.....
Profits after tax with inventory valuation and capital consumption adjustments .....	.057	.051	.052	.053	.057	.049	.045	.....
Net interest .....	.050	.053	.052	.052	.053	.053	.054	.....

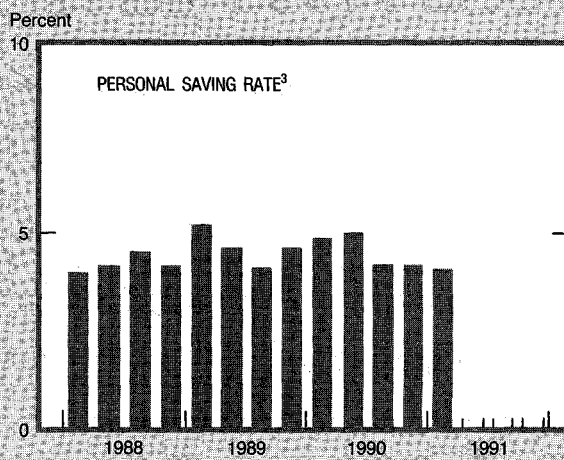
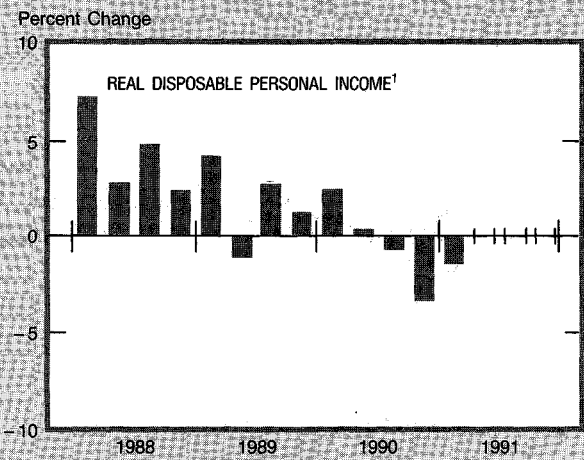
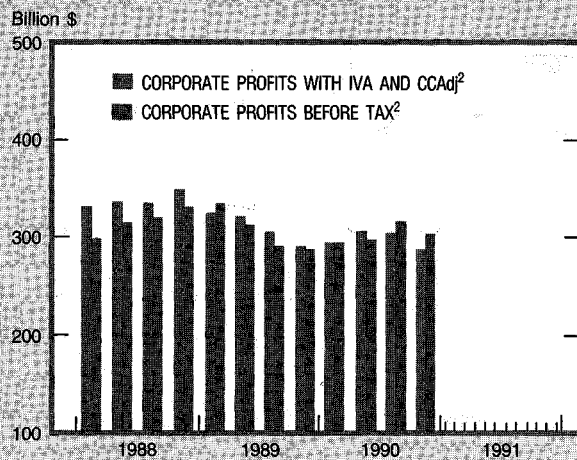
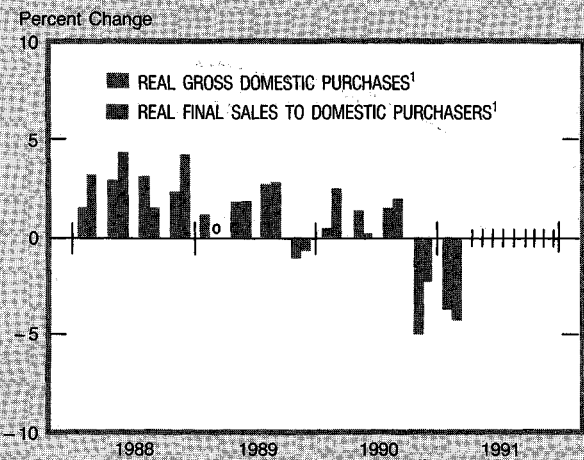
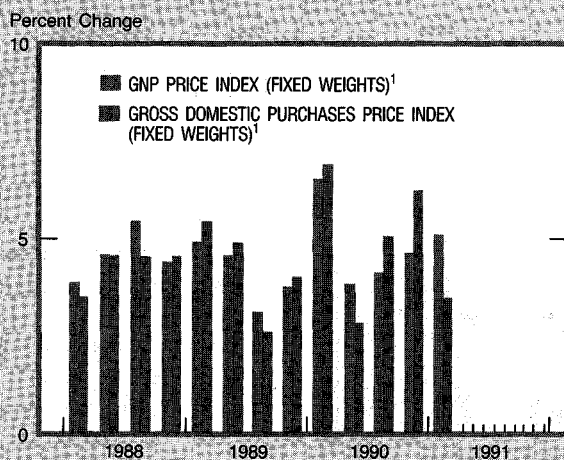
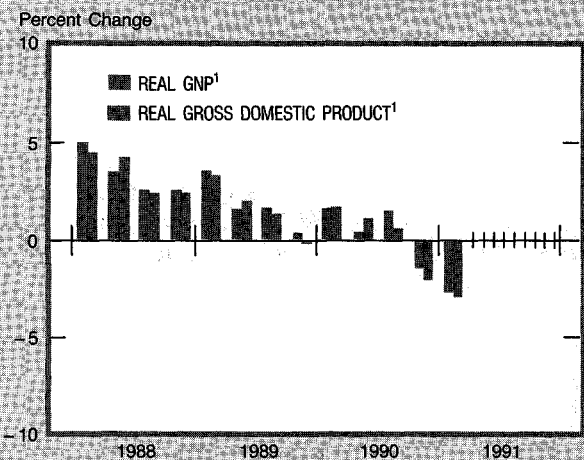
1. Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

NIPA Charts

REAL GNP AND ITS COMPONENTS: TRENDS AND CYCLES



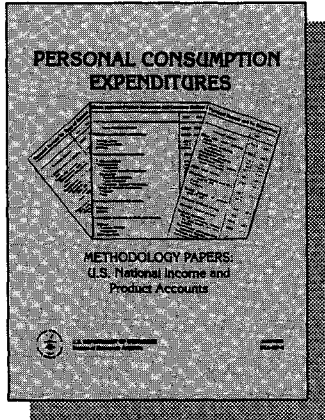
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1. Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.
 2. Seasonally adjusted annual rate; IVA is inventory valuation adjustment, and CCAAdj is capital consumption adjustment.
 3. Personal saving as percentage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

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Gross National Product by Industry, 1987-89

THIS article presents revised current- and constant-dollar estimates of gross product originating (GPO) by industry for 1987 and 1988 and new estimates for 1989.¹ These estimates update and extend the improved GPO estimates for 1977-88 that were published in the January 1991 SURVEY OF CURRENT BUSINESS (see "Gross Product by Industry, 1977-88: A Progress Report on Improving the Estimates"). The estimates for 1987-89, which are shown in tables 3 and 4 on page 27, incorporate the revisions in the national income and product accounts (NIPA's) that appeared in the July 1990 SURVEY and newly available source data for gross output and input prices.²

The first section of this article discusses the changes in constant-dollar GPO for 1989 and the impact of the revisions on the changes in constant-dollar GPO for 1987 and 1988. The second section provides a summary of the impact of the revisions on the levels of current- and constant-dollar GPO.

The publication of the GPO estimates in this article and in the January SURVEY completes the first phase of BEA's work to improve the industry series. As indicated in the box on page 7, revised and updated estimates of GPO by industry will be released in 1992. In 1992, estimates for 1977-89 and earlier years will be revised to reflect the results of the upcoming comprehensive NIPA revision and new estimates will be made for 1990 and 1991.

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

2. Tables 3 and 4 are the same as NIPA tables 6.1 and 6.2, which are part of the full set of NIPA tables that usually appear in the July SURVEY.

Table 1.—Annual Rates of Change of Gross National Product by Industry in Constant Dollars for 1987-89
[Percent]

	1987			1988			1989
	Previously published	Revised	Revision	Previously published	Revised	Revision	
Gross national product	3.7	3.4	-.3	4.4	4.5	.1	2.5
Domestic industries (gross domestic product)	3.8	3.6	-.2	4.4	4.4	0	2.5
Private industries	3.9	3.8	-.1	4.8	5.2	.4	2.5
Agriculture, forestry, and fisheries .....	.8	1.4	.6	-9.5	-7.7	1.8	3.6
Mining	-2.1	-.5	1.6	1.4	1.6	.2	-1.8
Construction .....	.5	1.7	1.2	.9	.2	-.7	.6
Manufacturing	5.8	6.1	.3	9.2	7.7	-1.5	1.3
Durable goods	7.2	6.8	-.4	12.7	10.7	-2.0	2.3
Nondurable goods	3.7	5.0	1.3	3.6	3.0	-.6	-.4
Transportation and public utilities	9.1	8.4	-.7	4.9	6.5	1.6	1.7
Transportation	6.8	8.6	1.8	1.8	2.5	.7	1.8
Communication	12.9	10.4	-2.5	3.1	5.6	2.5	1.5
Electric, gas, and sanitary services	8.8	6.7	-2.1	10.4	12.2	1.8	1.9
Wholesale trade	1.7	-.1	-1.8	2.6	2.2	-.4	4.9
Retail trade	-2.0	-1.6	.4	7.3	7.4	.1	3.2
Finance, insurance, and real estate	5.4	4.7	-.7	3.4	5.2	1.8	2.4
Services	4.5	4.7	.2	3.8	5.2	1.4	4.7
Government and government enterprises	1.7	1.9	.2	1.8	1.9	.1	1.7
Statistical discrepancy ¹							
Residual ²							
Rest of the world	-12.8	-17.0	-4.2	5.6	11.9	6.3	6.7

1. The statistical discrepancy in current dollars equals GNP measured as the sum of expenditures less charges against GNP—that is, GNP measured as the sum of costs incurred and profits earned in production. The statistical discrepancy in constant dollars equals the statistical discrepancy in current dollars divided by the implicit price deflator for gross domestic business product.

2. The residual equals GNP in constant dollars measured as the sum of expenditures less the statistical discrepancy in constant dollars and less GNP in constant dollars measured as the sum of gross product originating by industry.

Changes in industry GPO

As published in the July 1990 SURVEY, constant-dollar GNP increased 2.5 percent in 1989, considerably less than the 4.5-percent increase in 1988. The new estimates of constant-dollar GPO by industry show that this slowdown was widespread among industry groups (table 1). The 1989 growth rates slowed for all industry groups

except the agriculture, forestry, and fisheries group, wholesale trade, and construction. For mining, the growth rate turned negative in 1989.

Data Availability

Estimates of gross national product by industry for 1977-89 are now available on diskette, computer tape, and printout. When ordering, please specify the accession number:

Media Type	BEA Accession No.	Price
Diskette	BEA NIW 91-406	\$20 00
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NOTE.—The GPO by industry estimates were prepared under the supervision of Michael F. Mohr, Chief of the GNP by Industry Branch of the National Income and Wealth Division. Preparation of the estimates involved the following staff: Norman Bakka, Felicia Candela, Donna Cinal, Vesta Jones, Sherlene Lum, and Robert Sylvester. Marilyn Baker, Vanessa Clark, and Angela Williams provided statistical and secretarial services.

In manufacturing, the growth rate slowed to 1.3 percent in 1989 from 7.7 in 1988. Slower growth was recorded in 9 of the 11 durable goods industries and in 6 of the 10 nondurable goods industries. The slowdown was particularly pronounced in nonelectrical machinery, fabricated metal products, and motor vehicles.

Among the other industries in which GPO growth slowed, the downswing in mining in 1989 was attributable to oil and gas extraction, in which GPO has fallen since 1985, and to nonmetallic minerals mining. In the transportation and public utilities group, growth in transportation, in communication, and in electric, gas, and sanitary services all slowed. The slowdown in transportation was concentrated in railroad transportation and in pipelines except natural gas; the slowdown in communication stemmed from slowdowns in both the telephone and telegraph and the radio and television broadcasting industries. In the finance, insurance, and real estate group, all industries except banking contributed to the slowdown; in particular, sharp slowdowns were recorded in real estate, in security and commodity brokers, and in insurance carriers. In services, a slowdown in growth—from 5.2 percent to 4.7 percent—was widespread.

Two industry groups had noticeably higher GPO growth in 1989 than in 1988. Agriculture, forestry, and fisheries increased 3.6 percent after declining 7.7 percent; the rebound was in farms, where GPO had fallen sharply

in 1988. Wholesale trade increased 4.9 percent after increasing 2.2 percent.

As published last July, the increase in real GNP was revised down from 3.7 percent to 3.4 percent for 1987 and was revised up from 4.4 percent to 4.5 percent for 1988. For 1987, the revised estimates of constant-dollar GPO by industry show sizable downward revisions in the growth rates for communication, for electric, gas, and sanitary services, and for rest of the world. For 1988, there were sizable upward revisions for communication and for rest of the world and a sizable downward revision for durable goods manufacturing.

Sources of revisions

The revisions to the 1987 and 1988 estimates of current- and constant-dollar GNP and GPO by industry primarily reflect the incorporation of the revisions to the NIPA's released in July 1990. The NIPA revisions affected the estimates of GNP, charges against GNP (the sum of costs incurred and profits earned), and the GPO of the five industries—farms, the nonfarm housing services part of the real estate industry, private households, general government, and rest of the world—for which estimates were released in July. The NIPA revisions also affected the estimates of current-dollar GPO by industry that are based on the industry distributions of the components of charges against GNP.

As published last July, current-dollar GNP was revised down \$8.7

billion for 1987 and \$6.9 billion for 1988 (table 2). Current-dollar charges against GNP—that is, GNP less the statistical discrepancy—was revised down \$2.8 billion for 1987 and up \$11.7 billion for 1988. For 1987, the largest downward revisions were in wholesale trade and in finance, insurance, and real estate; the largest upward revision was in durable goods manufacturing. For 1988, large upward revisions in services and in retail trade more than offset large downward revisions in wholesale trade and in durable and nondurable goods manufacturing.

Last July's constant-dollar revisions in charges against GNP largely reflected the current-dollar revisions: Constant-dollar charges against GNP was revised down \$3.4 billion for 1987 and up \$8.1 billion for 1988. With several exceptions, constant-dollar revisions in GPO by industry for 1987 and 1988 also reflected the current-dollar revisions. Current-dollar GPO in both mining and nondurable goods manufacturing was revised down for 1987 and 1988, while their constant-dollar GPO was revised up for both years. Current-dollar GPO in finance, insurance, and real estate was revised down for 1988, while constant-dollar GPO was revised up. The differences in the current- and constant-dollar revisions reflect the use of the extrapolation procedure for estimating constant-dollar GPO for these industries (see the technical note in "Gross Product by Industry, 1977-88" in the January 1991 SURVEY).

Table 2.—Revisions in Gross National Product by Industry for 1987 and 1988
[Billions]

	Current dollars						1982 dollars					
	1987			1988			1987			1988		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross national product	4,524.3	4,515.6	-8.7	4,880.6	4,873.7	-6.9	3,853.7	3,845.3	-8.4	4,024.4	4,016.9	-7.5
Domestic industries (gross domestic product)	4,493.8	4,486.7	-7.1	4,847.3	4,840.2	-7.1	3,827.2	3,820.0	-7.2	3,996.3	3,988.6	-7.7
Private industries	3,962.6	3,962.4	-.2	4,286.3	4,295.9	9.6	3,443.8	3,442.7	-1.1	3,609.8	3,620.4	10.6
Agriculture, forestry, and fisheries	98.3	100.7	2.4	99.8	104.3	4.5	104.4	105.1	.7	94.5	97.0	2.5
Mining	77.0	76.8	-.2	80.4	80.0	-.4	125.5	127.5	2.0	127.3	129.5	2.2
Construction	216.9	219.2	2.3	232.6	237.4	4.8	175.4	177.5	2.1	176.9	177.9	1.0
Manufacturing	872.1	875.5	3.4	948.6	940.7	-7.9	849.7	852.2	2.5	927.5	917.4	-10.1
Durable goods	495.4	499.9	4.5	530.3	527.1	-3.2	517.4	515.6	-1.8	583.2	570.8	-12.4
Nondurable goods	376.6	375.7	-.9	418.3	413.5	-4.8	332.2	336.6	4.4	344.3	346.7	2.4
Transportation and public utilities	415.9	413.9	-2.0	441.4	444.3	2.9	373.6	371.3	-2.3	392.0	395.4	3.4
Transportation	151.6	153.9	2.3	163.2	165.4	2.2	147.4	149.8	2.4	150.0	153.6	3.6
Communication	125.5	122.8	-2.7	129.3	129.1	-.2	104.4	102.1	-2.3	107.6	107.8	.2
Electric, gas, and sanitary services	138.8	137.2	-1.6	148.8	149.7	.9	121.7	119.4	-2.3	134.3	134.0	-.3
Wholesale trade	300.9	294.8	-6.1	326.1	317.4	-8.7	289.4	284.3	-5.1	296.8	290.6	-6.2
Retail trade	423.9	426.4	2.5	454.7	459.9	5.2	370.0	371.6	1.6	397.1	399.2	2.1
Finance, insurance, and real estate	764.9	761.6	-3.3	830.3	826.8	-3.5	564.7	560.6	-4.1	583.7	590.0	6.3
Services	792.7	793.6	.9	872.5	885.2	12.7	591.4	592.6	1.2	613.9	623.3	9.4
Government and government enterprises	535.9	534.8	-1.1	570.6	572.6	2.0	414.8	415.6	.8	422.2	423.5	1.3
Statistical discrepancy ¹	-4.7	-10.6	-5.9	-9.6	-28.2	-18.6	-4.1	-9.1	-5.0	-8.0	-23.6	-15.6
Residual ²							-27.4	-29.2	-1.8	-27.7	-31.7	-4.0
Rest of the world	30.5	29.0	-1.5	33.3	33.5	.2	26.6	25.3	-1.3	28.1	28.3	.2

1. See footnote 1 of table 1.

2. See footnote 2 of table 1.

Table 3.—Gross National Product by Industry
[Billions of dollars]

	Line	1986	1987	1988	1989
Gross national product	1	4,231.6	4,515.6	4,873.7	5,200.8
Domestic industries (gross domestic product)	2	4,197.2	4,486.7	4,840.2	5,163.2
Private industries	3	3,695.5	3,962.4	4,295.9	4,561.0
Agriculture, forestry, and fisheries	4	93.6	100.7	104.3	113.5
Farms	5	75.8	78.8	80.7	88.6
Agricultural services, forestry, and fisheries	6	17.8	21.9	23.6	24.9
Mining	7	74.3	76.8	80.0	80.3
Metal mining	8	1.8	2.4	2.9	3.6
Coal mining	9	13.2	13.2	13.2	13.6
Oil and gas extraction	10	52.4	54.0	55.8	55.7
Nonmetallic minerals, except fuels	11	6.9	7.2	8.1	7.4
Construction	12	203.8	219.2	237.4	247.7
Manufacturing	13	832.4	875.5	940.7	966.0
Durable goods	14	478.1	499.9	527.1	541.0
Lumber and wood products	15	24.7	29.4	31.1	32.2
Furniture and fixtures	16	14.2	15.3	15.2	16.0
Stone, clay, and glass products	17	26.9	25.7	25.7	26.3
Primary metal industries	18	39.2	36.1	43.2	44.4
Fabricated metal products	19	57.9	60.4	65.3	68.0
Machinery, except electrical	20	82.7	88.9	96.2	97.3
Electric and electronic equipment	21	82.7	89.6	90.5	96.9
Motor vehicles and equipment	22	53.2	52.5	53.3	50.1
Other transportation equipment	23	55.0	59.9	59.7	62.2
Instruments and related products	24	27.1	26.8	30.3	30.5
Miscellaneous manufacturing industries	25	14.3	15.1	16.7	17.1
Nondurable goods	26	354.3	375.7	413.5	425.0
Food and kindred products	27	70.9	75.1	80.9	81.5
Tobacco manufactures	28	14.4	14.1	14.4	14.1
Textile mill products	29	19.1	20.1	20.2	20.8
Apparel and other textile products	30	21.9	22.5	23.6	24.6
Paper and allied products	31	35.5	40.2	45.7	46.8
Printing and publishing	32	36.9	61.1	65.5	68.2
Chemicals and allied products	33	70.8	80.9	95.8	98.8
Petroleum and coal products	34	35.2	29.6	34.5	33.7
Rubber and miscellaneous plastic products	35	26.8	28.9	29.6	31.1
Leather and leather products	36	2.8	3.3	3.3	3.5
Transportation and public utilities	37	394.9	413.9	444.3	460.9
Transportation	38	143.0	153.9	165.4	171.5
Railroad transportation	39	20.5	20.9	21.8	21.5
Local and interurban passenger transit	40	7.9	8.3	8.8	9.5
Trucking and warehousing	41	62.5	66.0	70.3	72.9
Water transportation	42	8.1	7.9	8.2	8.5
Transportation by air	43	29.2	34.7	38.3	40.0
Pipelines, except natural gas	44	3.0	3.8	4.3	4.1
Transportation services	45	11.8	12.3	13.7	15.0
Communication	46	115.8	122.8	129.1	133.7
Telephone and telegraph	47	104.4	109.6	114.1	117.3
Radio and television broadcasting	48	11.4	13.1	15.0	16.4
Electric, gas, and sanitary services	49	136.1	137.2	149.7	155.6
Wholesale trade	50	282.0	294.8	317.4	339.5
Retail trade	51	400.5	426.4	459.9	486.0
Finance, insurance, and real estate	52	696.3	761.6	826.8	896.7
Banking	53	80.3	88.7	100.2	119.4
Credit agencies other than banks	54	15.7	18.0	15.7	20.5
Security and commodity brokers, and services	55	20.1	25.8	42.3	43.8
Insurance carriers	56	49.5	55.4	62.0	60.4
Insurance agents and brokers, and services	57	25.6	30.6	34.6	37.4
Real estate	58	478.6	517.3	561.6	607.1
Holding and other investment companies	59	16.4	15.9	10.2	8.1
Services	60	717.6	793.6	885.2	970.5
Hotels and other lodging places	61	32.4	36.0	41.2	44.5
Personal services	62	31.9	34.0	38.5	43.0
Business services	63	163.6	180.1	202.1	222.9
Auto repair, services, and garages	64	36.3	38.1	40.5	43.6
Miscellaneous repair services	65	13.7	13.8	15.6	16.9
Motion pictures	66	10.5	12.5	13.5	14.7
Amusement and recreation services	67	22.1	24.8	27.4	29.8
Health services	68	200.3	226.1	250.3	273.3
Legal services	69	54.1	60.0	68.7	75.2
Educational services	70	27.6	29.5	32.5	35.5
Social services and membership organizations	71	41.7	45.8	51.2	56.0
Miscellaneous professional services	72	74.4	83.6	93.9	104.9
Private households	73	9.1	9.1	9.7	10.3
Government and government enterprises	74	503.5	534.8	572.6	619.3
Federal	75	173.5	181.9	192.1	208.2
Government	76	143.5	150.8	159.3	168.6
Government enterprises	77	29.9	31.0	32.7	39.7
State and local	78	330.1	352.9	380.5	411.1
Government	79	300.3	321.1	345.8	373.0
Government enterprises	80	29.8	31.9	34.7	38.1
Statistical discrepancy ¹	81	-1.8	-10.6	-28.2	-17.0
Rest of the world	82	34.4	29.0	33.5	37.6

1. See footnote 1 of table 1.

Table 4.—Gross National Product by Industry in Constant Dollars
[Billions of 1982 dollars]

	Line	1986	1987	1988	1989
Gross national product	1	3,717.9	3,845.3	4,016.9	4,117.7
Domestic industries (gross domestic product)	2	3,687.4	3,820.0	3,988.6	4,087.6
Private industries	3	3,315.8	3,442.7	3,620.4	3,710.9
Agriculture, forestry, and fisheries	4	103.6	105.1	97.0	100.5
Farms	5	84.1	83.8	75.3	78.8
Agricultural services, forestry, and fisheries	6	19.5	21.3	21.7	21.6
Mining	7	128.2	127.5	129.5	127.2
Metal mining	8	2.6	2.7	2.6	3.3
Coal mining	9	17.0	18.0	19.6	21.6
Oil and gas extraction	10	102.1	100.2	99.9	95.7
Nonmetallic minerals, except fuels	11	6.6	6.6	7.4	6.6
Construction	12	174.6	177.5	177.9	179.0
Manufacturing	13	803.4	852.2	917.4	929.0
Durable goods	14	482.9	515.6	570.8	583.7
Lumber and wood products	15	21.3	25.0	26.4	25.6
Furniture and fixtures	16	12.0	12.8	12.2	12.2
Stone, clay, and glass products	17	22.9	22.0	22.8	23.6
Primary metal industries	18	32.2	34.8	37.8	36.9
Fabricated metal products	19	54.8	58.9	66.2	65.8
Machinery, except electrical	20	129.6	138.1	163.9	174.9
Electric and electronic equipment	21	74.1	82.9	88.1	90.8
Motor vehicles and equipment	22	46.5	44.8	49.5	47.3
Other transportation equipment	23	49.8	55.7	59.5	63.8
Instruments and related products	24	25.7	25.7	27.9	26.6
Miscellaneous manufacturing industries	25	14.0	14.9	16.4	16.2
Nondurable goods	26	320.5	336.6	346.7	345.4
Food and kindred products	27	65.6	66.7	67.8	70.3
Tobacco manufactures	28	7.0	5.2	3.7	3.1
Textile mill products	29	17.0	17.4	16.7	16.7
Apparel and other textile products	30	21.0	22.0	22.4	22.4
Paper and allied products	31	31.6	33.7	34.6	33.0
Printing and publishing	32	45.1	44.7	46.5	45.1
Chemicals and allied products	33	64.6	71.9	77.5	76.1
Petroleum and coal products	34	41.1	42.6	44.5	44.9
Rubber and miscellaneous plastic products	35	26.7	29.5	29.9	30.8
Leather and leather products	36	2.7	3.0	3.0	2.9
Transportation and public utilities	37	342.4	371.3	395.4	402.3
Transportation	38	138.0	149.8	153.6	156.3
Railroad transportation	39	23.1	25.8	27.3	28.0
Local and interurban passenger transit	40	6.2	6.1	5.7	6.3
Trucking and warehousing	41	63.1	65.8	67.4	68.6
Water transportation	42	3.6	3.7	3.8	4.0
Transportation by air	43	28.4	33.0	32.4	31.7
Pipelines, except natural gas	44	3.2	4.4	5.4	5.5
Transportation services	45	10.4	10.9	11.5	12.2
Communication	46	92.5	102.1	107.8	109.4
Telephone and telegraph	47	85.0	93.2	97.8	98.8
Radio and television broadcasting	48	7.5	8.9	10.1	10.6
Electric, gas, and sanitary services	49	111.9	119.4	134.0	136.6
Wholesale trade	50	284.7	284.3	290.6	304.7
Retail trade	51	377.5	371.6	399.2	412.0
Finance, insurance, and real estate	52	535.6	560.6	590.0	604.0
Banking	53	62.5	62.8	62.4	63.1
Credit agencies other than banks	54	7.8	8.3	8.4	8.9
Security and commodity brokers, and services	55	23.1	29.8	36.4	37.9
Insurance carriers	56	36.0	34.4	37.0	36.7
Insurance agents and brokers, and services	57	17.8	20.0	21.4	22.1
Real estate	58	378.6	394.5	413.0	424.4
Holding and other investment companies	59	9.8	10.9	11.4	11.5
Services	60	565.8	592.6	623.3	652.3
Hotels and other lodging places	61	26.6	28.2	31.2	32.5
Personal services	62	25.9	26.3	28.6	30.3
Business services	63	129.8	139.7	147.7	158.7
Auto repair, services, and garages	64	29.0	28.4	28.3	28.8
Miscellaneous repair services	65	11.2	10.8	11.7	12.2
Motion pictures	66	8.6	8.9	9.5	9.8
Amusement and recreation services	67	18.4	20.1	21.8	22.8
Health services	68	150.5	158.0	161.1	164.4
Legal services	69	36.7	36.9	40.6	41.8
Educational services	70	22.4	22.7	23.3	24.1
Social services and membership organizations	71	34.7	36.5	39.0	40.9
Miscellaneous professional services	72	63.3	67.4	71.3	76.4
Private households	73	8.8	8.7	9.2	9.5
Government and government enterprises	74	407.9	415.6	423.5	430.5
Federal	75	147.1	149.2	151.7	152.5
Government	76	122.6	124.3	126.1	126.5
Government enterprises	77	24.4	24.9	25.6	26.0
State and local	78	260.8	266.4	271.8	278.0
Government	79	240.8	246.1	251.1	257.0
Government enterprises	80	20.0	20.2	20.6	21.0
Statistical discrepancy ¹	81	-1.6	-9.1	-23.6	-13.8
Residual ²	82	-34.7	-29.2	-31.7	-40.0
Rest of the world	83	30.5	25.3	28.3	30.2

1. See footnote 1 of table 1.

2. See footnote 2 of table 1.

REGIONAL PERSPECTIVES

Personal Income by Region, Fourth Quarter 1990

PERSONAL income in the Nation increased 0.8 percent in the fourth quarter of 1990, down from 1.3 percent in the third quarter.¹ The slowdown was widespread by region and by industry: Growth slowed in all regions except the Rocky Mountain and the Plains regions, where farm income was boosted by Federal subsidy payments, and in all major industries except farming (table 1).

Personal income growth slowed sharply in the Southeast, Mideast, Great Lakes, and Far West regions. By State, the fourth-quarter change in personal income was less than the third-quarter change in 33 States (chart 6). (For estimates by State, see "State Personal Income, Summary Estimates for Fourth Quarter and Year 1990" beginning on page 30.)

Income growth by region

In the Southeast, personal income increased 0.5 percent in the fourth

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

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

quarter after a 1.4-percent increase in the third. Payrolls in construction and in retail trade declined more in the fourth quarter than in the third. In addition, payrolls in durables manufacturing, in the transportation-public utilities group, and in wholesale trade declined after third-quarter gains. Payroll gains in the finance-insurance-real estate group and in services were smaller in the fourth quarter than in the third. Personal income growth slowed in the fourth quarter in all Southeast States except Alabama.

In the Mideast, personal income increased 0.5 percent in the fourth quarter after a 1.3-percent increase in the third. Payrolls in construction and in trade declined more in the fourth quarter than in the third; construction payrolls have been down or unchanged for the past seven quarters. Payrolls in manufacturing and in the finance-insurance-real estate group declined after third-quarter gains. Payroll gains in the transportation-public utilities group and in services were smaller in the fourth quarter than in the third. By State, personal income growth slowed in New Jersey, New York, Pennsylvania, and Maryland. In Delaware, personal income declined after increasing in the third quarter; the decline partly reflected a fall in motor vehicle production.

In the Great Lakes region, personal income increased 0.5 percent in the fourth quarter after a 1.2-percent increase in the third. Payrolls in manufacturing, in construction, in the transportation-public utilities group, and in trade declined after third-quarter gains. Payroll gains in the finance-insurance-real estate group and in services were smaller in the fourth quarter than in the third. By State, personal income growth slowed in Indiana and Wisconsin and picked up in Ohio. In Michigan, personal income declined after increasing in the third quarter; the decline partly reflected a fall in motor vehicle production. In Illinois, personal income increased at the same rate in the fourth quarter as in the third.

In the Far West, personal income increased 0.9 percent in the fourth quarter after a 1.6-percent increase in the third. Construction payrolls declined more in the fourth quarter than in the third. Payrolls in durables manufacturing and in retail trade declined in the fourth quarter after third-quarter gains. Payrolls in nondurables manufacturing and in private service-type industries other than retail trade grew slower in the fourth quarter than in the third.² By State, personal in-

2. The term "private service-type industries" refers to transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

Table 1.—Percent Change in Personal Income for the United States and BEA Regions, 1990:III and 1990:IV
[Change from preceding quarter, not at annual rates; based on seasonally adjusted data]

	Personal income						Wage and salary disbursements (payrolls)																	
	Total		Farm		Nonfarm		Durables manufacturing		Nondurables manufacturing		Construction		Transportation and public utilities		Wholesale trade		Retail trade		Finance, insurance, and real estate		Services			
	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV	1990: III	1990: IV		
United States	1.3	0.8	-15.9	7.4	1.5	0.7	0.9	-1.4	1.3	0.2	0	-2.8	1.4	0.2	0.4	-0.3	0.1	-0.7	2.8	0	3.2	1.5		
Southeast	1.4	.5	-9.6	-15.0	1.5	.7	1.7	-1.7	.3	.2	-.4	-3.4	1.4	-.1	.2	-.4	-.2	-.6	2.7	.3	3.9	1.7		
Mideast	1.3	.5	-2.9	-20.1	1.3	.6	.3	-1.6	2.0	-1.1	-1.0	-3.9	1.2	.3	-.1	-1.0	-.5	-1.3	2.3	-.7	2.3	1.1		
Great Lakes	1.2	.5	-27.5	2.0	1.5	.4	1.3	-2.5	1.8	-.3	1.3	-1.8	.4	-.1	.7	-.1	.2	-.3	3.1	.5	3.1	1.6		
Far West	1.6	.9	-2.5	-10.3	1.7	1.0	.3	-.3	3.6	1.4	-1.7	-3.2	2.4	.5	.2	.1	.1	-1.0	2.7	0	3.4	1.4		
Southwest	1.7	1.3	-15.2	16.2	2.0	1.1	2.1	-.1	1.8	2.1	1.1	-.4	2.0	.4	1.4	-.2	.8	-.5	3.6	-.2	4.0	2.1		
New England	1.0	.6	-2.0	-19.9	1.0	.7	.3	-.7	1.5	-.2	-1.5	-4.9	2.1	0	-.3	0	-1.2	-1.3	2.8	.3	2.5	1.5		
Rocky Mountain	1.0	2.9	-27.9	85.0	1.7	1.5	-.8	-.7	-1.3	2.6	2.6	-.1	-1.1	1.5	2.4	.8	2.0	.8	2.6	.4	4.2	2.1		
Plains .....	.1	2.3	-28.7	47.9	1.3	.9	-.2	-1.1	-2.1	.9	5.0	-1.7	1.7	.3	.9	-.1	1.2	0	2.9	1.0	3.2	1.8		

come growth slowed in Nevada, California, and Oregon, and it picked up in Washington.

In the Southwest, personal income increased 1.3 percent in the fourth quarter after a 1.7-percent increase in the third. Payrolls in durables manufacturing, in construction, in trade, and in the finance-insurance-real estate group declined after third-quarter gains. Payroll gains in the transportation-public utilities group and in services were smaller in the fourth quarter than in the third. By State, personal income growth slowed in New Mexico, Arizona, and Texas, and it picked up in Oklahoma.

In New England, personal income increased 0.6 percent in the fourth quarter after a 1.0-percent increase in the third. Payrolls in construction and in retail trade declined more in the fourth quarter than in the third; payrolls in both industries have been down for the past six quarters. Manufacturing

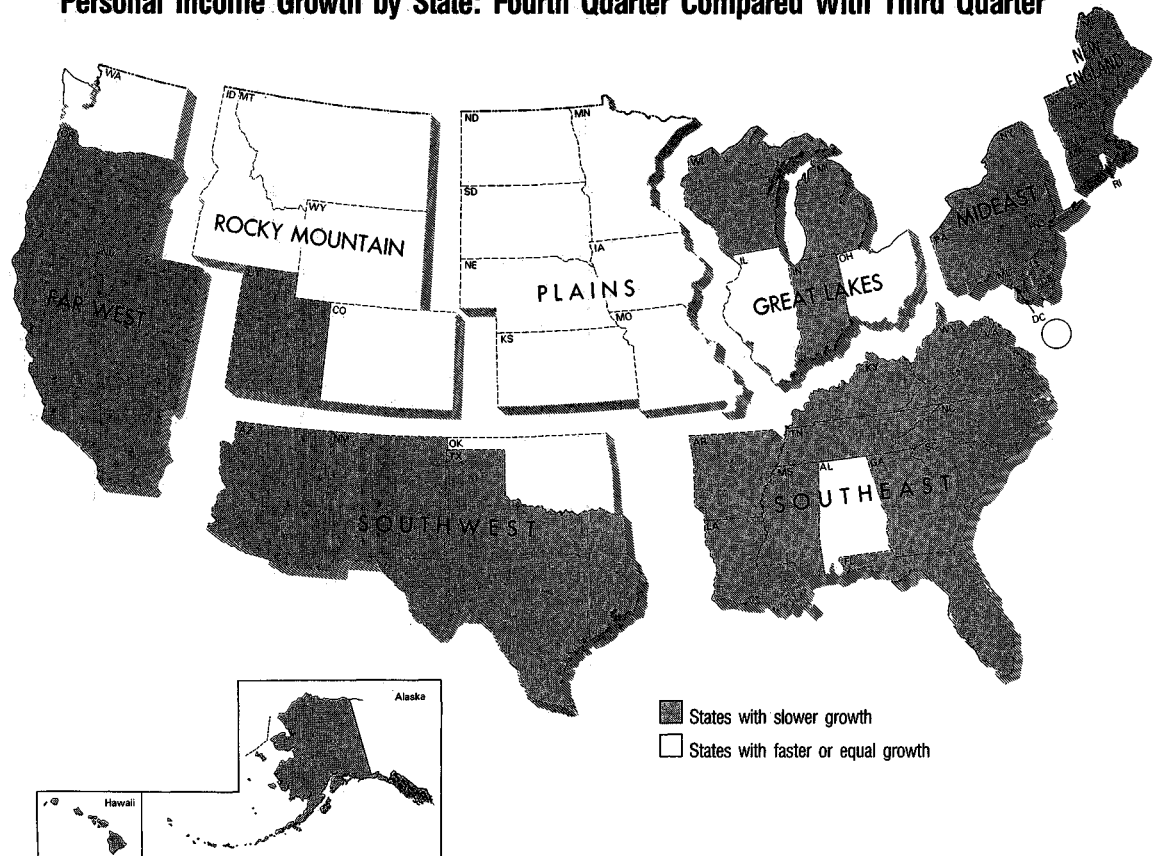
payrolls declined after a third-quarter gain. Payrolls in the transportation-public utilities group, in the finance-insurance-real estate group, and in services grew slower than in the third quarter. Personal income growth slowed in the fourth quarter in all New England States except Rhode Island.

In the Rocky Mountain region, personal income increased 2.9 percent in the fourth quarter after a 1.0-percent increase in the third. Farm income increased in the fourth quarter after declining in the third; the upswing was entirely due to Federal farm subsidy payments. Excluding farm income, personal income grew slower in the fourth quarter than in the third. Construction payrolls declined after a third-quarter gain. Payroll gains in trade, in the finance-insurance-real estate group, and in services were smaller than in the third quarter. Personal income growth picked up in all Rocky Mountain States except Utah;

excluding farm income, personal income grew slower in the fourth quarter than in the third in Utah, Idaho, and Montana.

In the Plains region, personal income increased 2.3 percent in the fourth quarter after a 0.1-percent increase in the third. As in the Rocky Mountain region, farm income, reflecting Federal farm subsidy payments, increased in the fourth quarter after declining in the third. Excluding farm income, personal income grew slower in the fourth quarter than in the third. Durables manufacturing payrolls declined more in the fourth quarter than in the third. Payrolls in construction and in wholesale trade declined after third-quarter gains. Payrolls in private service-type industries other than wholesale trade grew slower than in the third quarter. Personal income growth picked up in all the Plains States; excluding farm income, personal income grew slower in the fourth quarter than in the third in all Plains States except Nebraska.

CHART 6
Personal Income Growth by State: Fourth Quarter Compared With Third Quarter



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

91-4-6

State Personal Income, Fourth Quarter 1990, and Per Capita Personal Income, 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 ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	1990:III- 1990:IV	1989:IV- 1990:IV
United States¹	3,659,319	3,705,300	3,766,293	3,887,397	3,939,842	4,021,869	4,095,382	4,175,632	4,284,521	4,344,107	4,384,651	4,456,325	4,560,370	4,623,373	4,683,100	4,721,376	0.8	5.9
New England	230,700	235,536	241,873	249,815	254,115	260,583	266,580	273,053	277,640	281,079	283,170	285,236	287,957	291,539	294,324	296,098	.6	3.8
Connecticut	65,946	67,399	69,063	71,198	72,679	74,184	76,025	78,130	78,917	80,085	80,721	81,609	81,626	83,188	84,031	84,574	.6	3.6
Maine	15,941	16,350	16,812	17,385	17,585	18,085	18,597	19,023	19,756	20,006	20,146	20,357	20,787	21,013	21,268	21,414	.7	5.2
Massachusetts	108,140	110,245	113,252	116,873	119,113	122,212	124,741	127,722	129,633	131,132	132,189	132,937	134,385	135,670	137,019	137,829	.6	3.7
New Hampshire	18,214	18,667	19,274	20,093	20,298	20,879	21,363	21,871	22,475	22,734	22,757	22,586	22,732	23,027	23,218	23,262	.2	3.0
Rhode Island	14,936	15,170	15,571	16,100	16,232	16,761	17,087	17,424	17,797	18,038	18,146	18,298	18,724	18,869	18,915	19,117	1.1	4.5
Vermont	7,523	7,705	7,900	8,166	8,208	8,463	8,765	9,233	9,343	9,390	9,448	9,703	9,772	9,873	9,902	9,902	.3	4.8
Mideast	737,491	751,220	766,472	788,686	805,319	819,414	838,586	856,545	872,888	887,018	896,698	909,162	925,146	938,956	951,156	955,789	.5	5.1
Delaware	10,225	10,468	10,701	11,073	11,092	11,431	11,814	12,011	12,364	12,572	12,673	12,836	13,209	13,294	13,509	13,584	-.9	4.3
District of Columbia	11,839	11,981	12,192	12,552	12,866	13,214	13,564	13,896	13,997	14,248	14,429	14,592	14,703	14,978	15,000	15,000	1.9	5.1
Maryland	79,845	81,471	83,313	86,105	87,708	89,263	92,046	93,515	96,010	97,649	98,799	100,179	102,709	103,929	105,264	106,271	1.0	6.1
New Jersey	150,820	153,400	156,872	161,858	166,002	169,328	173,706	178,016	180,067	182,748	184,902	186,774	189,121	192,145	195,016	195,750	4.4	4.8
New York	309,834	315,490	321,592	330,003	338,759	343,775	350,165	359,071	365,079	372,009	375,654	381,986	388,631	393,936	398,835	399,943	.3	4.7
Pennsylvania	174,929	178,410	181,803	187,094	188,893	192,403	197,292	200,126	205,571	208,059	210,804	213,138	217,047	221,060	223,828	225,463	.7	5.8
Great Lakes	623,160	627,203	636,855	658,120	667,292	675,958	687,284	697,736	719,895	727,108	734,230	743,441	756,704	768,538	778,111	781,672	.5	5.1
Illinois	185,281	186,622	189,527	197,205	201,320	202,639	205,518	209,297	215,986	218,783	220,814	224,504	228,404	230,981	233,330	235,571	1.0	4.9
Indiana	75,171	75,685	76,830	79,943	81,071	81,752	82,894	83,238	83,522	88,366	88,649	89,457	92,362	92,679	94,267	94,670	4.4	5.8
Michigan	140,030	141,051	142,383	146,044	148,236	150,349	153,496	155,901	159,440	161,486	163,901	165,614	166,078	169,665	173,452	172,941	-3.4	4.4
Ohio	154,168	154,908	157,815	162,109	163,790	167,124	170,088	172,366	176,669	178,352	180,458	182,046	185,590	189,872	190,715	191,970	.7	5.5
Wisconsin	68,510	68,938	70,299	72,820	72,874	74,094	75,288	76,934	79,478	80,123	80,408	81,819	84,271	85,341	86,346	86,521	2.2	5.7
Plains	254,270	251,908	252,746	269,361	269,002	271,849	269,887	275,912	287,471	290,443	290,792	298,956	308,061	310,715	310,916	317,967	2.3	6.4
Iowa	39,309	37,600	37,304	42,383	41,820	40,873	40,666	40,712	44,399	44,280	44,111	45,357	48,387	47,585	47,669	47,946	.6	5.7
Kansas	36,472	36,700	36,653	38,357	38,081	39,356	38,937	40,337	40,731	41,454	41,168	42,693	43,766	44,114	44,129	46,236	4.8	8.3
Minnesota	65,601	65,237	66,365	69,476	70,292	70,633	70,971	72,159	74,940	76,238	77,001	79,028	80,248	82,295	82,372	82,879	1.6	4.9
Missouri	73,324	73,634	74,512	76,775	77,398	79,943	81,404	83,229	84,406	85,232	86,589	88,053	89,111	89,939	91,037	91,037	1.2	5.1
Nebraska	22,120	21,595	21,365	24,244	23,322	24,082	22,952	23,994	25,201	25,253	24,951	25,682	27,298	27,218	26,817	27,395	2.2	6.7
North Dakota	8,750	8,524	8,057	8,777	8,850	8,624	7,675	8,167	9,119	9,223	8,667	9,438	9,465	9,485	9,109	10,921	19.9	15.7
South Dakota	8,694	8,618	8,490	9,348	9,328	9,124	8,744	9,139	9,852	9,888	9,662	10,169	10,845	10,908	10,881	11,554	6.2	13.6
Southeast	760,854	771,395	787,256	811,325	819,701	841,774	859,409	874,300	898,969	910,294	915,121	932,920	959,013	971,054	984,442	989,509	.5	6.1
Alabama	47,705	48,187	49,210	50,733	50,922	52,464	53,365	54,338	55,397	56,154	56,396	57,199	58,835	59,881	60,270	60,642	.6	6.0
Arkansas	27,080	26,927	27,067	27,868	27,941	29,566	29,451	29,822	31,358	31,152	30,994	31,540	33,231	33,277	33,504	33,677	5.5	6.8
Florida	180,620	184,100	188,525	195,018	196,566	201,673	207,828	211,848	218,341	222,847	226,182	230,272	235,643	239,401	242,816	243,976	.5	6.0
Georgia	86,532	87,902	89,779	92,564	93,733	96,142	97,948	99,466	101,759	102,913	103,796	104,886	107,768	109,343	110,828	111,120	3.3	5.9
Kentucky	43,166	43,899	44,970	46,322	46,520	47,629	48,571	49,016	50,928	51,103	51,605	52,416	54,296	54,529	55,418	55,830	.7	6.5
Louisiana	50,516	50,136	50,880	52,010	52,670	53,849	54,248	55,257	55,913	56,380	56,655	57,597	59,571	60,345	61,190	61,812	1.0	7.3
Mississippi	26,686	26,542	26,879	27,505	28,151	29,018	29,306	29,818	30,803	30,841	30,874	31,250	32,303	32,634	33,023	33,119	.3	6.0
North Carolina	82,388	83,999	85,937	88,521	89,582	91,783	94,256	95,922	98,778	100,040	100,417	102,435	105,412	106,679	108,747	108,713	0.0	6.2
South Carolina	40,090	40,855	41,617	42,862	43,346	44,661	45,477	46,213	47,925	48,394	48,621	49,682	51,267	52,381	53,156	53,780	1.2	8.2
Tennessee	61,044	61,815	62,925	65,177	65,973	67,704	68,916	70,220	71,487	72,383	73,078	74,080	75,934	76,617	77,567	77,991	4.4	5.3
Virginia	94,611	96,398	98,589	101,417	102,844	105,570	107,988	110,075	113,265	115,262	116,398	118,123	120,440	121,561	122,982	123,728	.6	4.7
West Virginia	20,416	20,635	20,879	21,329	21,453	21,716	22,054	22,304	23,015	22,825	23,107	23,439	24,313	24,406	24,841	25,062	9.9	6.9
Southwest	332,820	334,039	338,420	346,154	349,239	358,461	362,311	369,364	378,341	383,110	386,437	395,078	404,307	411,499	418,423	423,959	1.3	7.3
Arizona	47,505	48,330	48,846	50,570	50,825	52,002	53,049	53,603	55,282	55,957	56,715	57,455	58,442	59,272	60,372	60,843	.8	5.9
New Mexico	17,369	17,622	17,831	18,223	18,295	18,723	18,858	19,280	19,621	20,032	20,276	20,731	20,953	21,226	21,840	22,047	1.7	7.1
Oklahoma	40,517	40,408	40,876	41,481	42,057	42,751	43,280	44,039	44,954	45,314	45,528	46,659	47,670	48,189	48,779	49,686	1.9	6.5
Texas	227,429	227,679	230,868	235,881	238,060	244,985	247,124	252,442	258,484	261,807	263,917	270,232	277,243	282,812	287,432	291,223	1.3	7.8
Rocky Mountain	97,173	98,472	98,999	101,093	101,565	104,124	105,134	107,929	110,090	111,967	112,700	115,957	117,953	119,982				

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*	II*	III*	IV*	I*	II*	III*	IV*	I*	II*	III*	IV*	I*	II*	III*	IV*	1990:III-1990:IV	1989:IV-1990:IV
United States	3,607,965	3,661,425	3,728,135	3,829,451	3,888,612	3,968,332	4,051,627	4,131,101	4,221,568	4,290,618	4,344,538	4,407,864	4,494,501	4,565,318	4,634,291	4,668,938	0.7	5.9
New England	230,007	234,779	241,091	249,011	253,470	259,858	265,676	272,267	276,820	280,349	282,475	284,501	287,046	290,716	293,518	295,453	.7	3.8
Connecticut	65,788	67,227	68,889	71,013	72,527	74,010	75,813	77,943	78,727	79,915	80,564	81,445	81,384	82,986	83,830	84,409	.7	3.6
Maine	15,315	16,217	16,673	17,243	17,490	17,984	18,461	19,003	19,608	19,879	20,023	20,216	20,647	20,890	21,147	21,294	.7	5.3
Massachusetts	107,939	110,028	113,034	116,647	118,913	121,988	124,466	127,483	129,384	130,909	131,981	132,725	134,118	135,432	136,790	137,653	.6	3.7
New Hampshire	18,161	18,609	19,209	20,029	20,346	20,818	21,287	21,805	22,247	22,422	22,525	22,666	22,960	23,152	23,212	23,212	.3	3.0
Rhode Island	14,895	15,124	15,524	16,049	16,194	16,716	17,030	17,375	17,749	17,996	18,107	18,256	18,673	18,821	18,867	19,080	1.1	4.5
Vermont	7,408	7,574	7,763	8,031	8,100	8,343	8,618	8,757	9,105	9,227	9,275	9,324	9,558	9,627	9,732	9,806	.8	5.2
Mideast	735,277	748,791	764,114	785,975	803,067	817,000	835,824	854,044	869,701	884,096	894,160	906,486	921,580	935,655	947,952	953,228	.6	5.2
Delaware	10,101	10,342	10,582	10,925	10,958	11,271	11,599	11,813	12,148	12,371	12,513	12,667	13,006	13,119	13,332	13,247	-.6	4.6
District of Columbia	11,839	11,981	12,192	12,552	12,866	13,214	13,564	13,806	13,797	13,982	13,866	14,248	14,429	14,592	14,703	14,978	1.9	5.1
Maryland	79,478	81,095	82,959	85,664	87,343	88,852	91,567	93,073	95,462	97,219	98,344	99,794	102,107	103,476	104,814	105,914	1.0	6.1
New Jersey	150,552	153,103	156,576	161,533	165,731	169,030	173,362	177,700	179,719	182,431	184,635	186,494	188,755	191,775	194,683	195,468	.4	4.8
New York	309,199	314,796	320,905	329,223	338,071	343,093	349,420	358,385	364,167	371,113	374,886	381,196	387,656	392,993	397,928	399,232	.3	4.7
Pennsylvania	174,107	177,475	180,900	186,078	188,098	191,541	196,311	199,267	204,408	206,980	209,826	212,087	215,627	219,700	222,492	224,389	.9	5.8
Great Lakes	616,818	622,523	633,473	648,472	658,351	669,587	684,676	696,106	709,367	718,911	728,895	737,608	746,652	761,003	772,646	776,098	.4	5.2
Illinois	183,541	185,557	189,158	193,797	197,988	200,511	205,323	209,299	216,667	216,215	219,178	222,752	225,236	229,026	232,299	234,126	.8	5.1
Indiana	73,865	74,867	76,416	78,574	79,013	80,621	82,748	83,993	86,034	87,083	87,888	88,578	90,632	91,491	93,450	93,835	.4	5.9
Michigan	139,278	140,480	141,841	144,835	147,391	149,633	153,031	155,322	158,287	160,413	163,172	164,852	164,771	168,676	172,655	172,137	-.3	4.4
Ohio	153,245	154,090	157,221	160,717	162,555	166,095	169,505	172,040	175,429	177,264	179,746	181,262	184,032	188,639	189,779	190,953	.6	5.3
Wisconsin	66,889	67,529	68,836	70,549	72,727	74,069	75,451	76,951	77,936	78,910	80,163	81,981	83,170	84,463	85,047	85,047	.7	6.1
Plains	241,446	243,676	247,352	252,628	255,671	260,592	264,632	269,802	274,835	280,254	284,307	289,137	292,571	298,020	301,862	304,575	.9	5.3
Iowa	35,644	36,135	36,589	37,585	37,801	38,478	39,282	40,187	41,001	41,833	42,307	43,235	43,843	44,491	45,180	45,538	.8	5.3
Kansas	34,711	35,144	35,708	36,402	36,674	37,372	38,090	38,763	39,591	40,203	40,669	41,321	41,927	42,528	43,241	43,679	1.0	5.7
Minnesota	63,383	63,853	65,037	66,366	67,611	68,780	69,779	71,454	72,777	74,244	75,478	77,045	77,188	79,446	80,185	80,780	.7	4.8
Missouri	73,360	72,925	73,876	75,485	76,396	78,095	79,371	80,334	82,150	83,449	84,708	85,615	86,891	88,173	89,258	89,990	.8	5.1
Nebraska	19,966	20,174	20,522	20,928	21,201	21,469	21,808	22,271	22,815	23,228	23,615	24,040	24,487	24,970	25,245	25,606	1.4	6.5
North Dakota	7,681	7,719	7,785	7,842	7,887	7,935	7,955	8,065	8,267	8,381	8,499	8,662	8,778	8,837	8,976	9,085	1.2	4.9
South Dakota	7,671	7,727	7,835	8,019	8,102	8,264	8,348	8,527	8,733	8,917	9,032	9,219	9,458	9,574	9,777	9,988	1.2	7.4
Southeast	749,688	761,270	777,326	800,484	809,035	828,335	845,972	860,653	882,892	897,137	904,887	922,033	944,504	958,230	972,850	979,656	.7	6.2
Alabama	46,820	47,404	48,430	49,882	50,065	51,437	52,162	53,109	54,191	55,125	55,526	56,304	57,781	58,774	59,308	59,855	.9	6.3
Arkansas	25,392	25,748	26,097	26,765	26,976	27,540	27,894	28,312	28,793	29,488	29,984	30,532	31,349	31,745	32,354	32,719	1.1	7.2
Florida	178,665	181,958	186,220	192,711	194,298	199,197	204,905	209,199	215,530	220,263	223,971	228,082	233,214	237,325	240,338	242,098	.7	6.1
Georgia	85,375	86,762	88,721	91,331	92,655	94,926	96,569	97,993	100,130	101,459	102,555	103,705	106,365	108,040	110,190	110,528	.5	6.3
Kentucky	42,455	43,036	44,008	45,232	45,579	46,577	47,499	48,004	49,402	49,854	50,606	51,194	52,671	53,251	54,283	54,724	.8	6.9
Louisiana	49,630	49,728	50,460	51,617	51,976	52,800	53,560	54,256	54,899	55,787	56,347	57,237	58,601	59,527	60,624	61,325	1.2	7.1
Mississippi	25,569	25,788	26,246	26,928	27,212	27,843	28,334	28,721	29,542	30,035	30,338	30,660	31,344	31,820	32,356	32,557	.6	6.2
North Carolina	81,087	82,669	84,598	86,954	88,284	90,231	92,516	94,281	96,718	98,180	98,886	100,753	103,323	104,730	106,923	107,250	.3	6.4
South Carolina	39,765	40,526	41,319	42,505	42,997	44,234	45,102	45,774	47,406	47,934	48,570	49,241	50,891	52,059	52,897	53,480	1.1	8.6
Tennessee	60,418	61,216	62,325	64,487	65,320	66,953	68,170	69,365	70,704	71,690	72,558	73,433	75,051	75,825	76,987	77,324	.4	5.3
Virginia	94,148	95,862	98,086	100,799	102,280	104,951	107,284	109,407	112,569	114,555	115,973	117,498	119,671	120,794	122,248	123,126	.7	4.8
West Virginia	20,363	20,573	20,816	21,273	21,394	21,647	21,978	22,231	22,957	22,768	23,055	23,394	24,243	24,338	24,773	25,006	.9	6.9
Southwest	325,988	328,550	333,621	341,083	344,266	351,562	357,070	362,807	371,230	377,380	382,568	389,602	396,576	404,051	412,107	416,620	1.1	6.9
Arizona	46,816	47,696	48,283	49,983	50,210	51,226	52,381	52,981	54,502	55,392	56,213	56,891	57,862	58,771	59,857	60,405	.9	6.2
New Mexico	17,091	17,295	17,588	17,957	18,015	18,414	18,577	18,929	19,330	19,744	19,999	20,303	20,629	20,931	21,490	21,765	1.3	7.2
Oklahoma	39,153	39,384	39,945	40,503	40,907	41,614	42,160	42,741	43,564	44,143	44,647	45,433	46,143	46,794	47,497	47,933	.9	5.5
Texas	222,929	224,175	227,805	232,640	235,134	240,308	243,952	248,157	253,834	258,101	261,709	266,974	271,942	277,554	283,263	286,518	1.1	7.3
Rocky Mountain	95,098	96,100	97,014	99,082	99,848	101,826	103,316	105,199	107,550	109,529	110,904	112,947	115,137	117,123	119,097	120,906	1.5	7.0
Colorado	49,896	50,342	50,851	51,932	52,171	53,071	53,809	54,757	55,958	56,806	57,605	58,568	59,449	60,563	61,453	62,457	1.6	6.6
Idaho	10,905	11,015	11,155	11,439	11,614	11,905	12,112	12,372	12,701	13,003	13,155	13,449	13,911	14,095	14,383	14,526	1.0	8.0
Montana	9,442	9,470	9,559	9,725	9,848	10,059	10,177	10,441	10,650	10,879	10,973	11,171	11,418	11,498	11,680	11,809	1.1	5.7
Utah	18,763	19,109	19,229	19,648	19,888	20,266	20,654	21,										

Table 3.—Total Personal Income for States and Regions, 1960, 1970, 1980, 1985-90, and Percent Change in Selected Shares of Personal Income for States and Regions, 1989-90

Area name	Total									Percent change ²									
	Millions of dollars									Total personal income	Earnings ³								
	1960	1970	1980	1985	1986	1987 ^r	1988 ^r	1989 ^r	1990 ^p		Total	Mining	Construction	Manufacturing	Transportation, public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	Government
United States ¹	405,658	825,534	2,254,076	3,317,545	3,519,364	3,754,577	4,058,181	4,367,401	4,647,055	6.4	6.0	8.9	-0.1	2.4	6.7	3.4	6.7	10.2	7.6
New England	26,096	52,794	130,375	201,986	218,577	239,481	263,582	281,781	292,480	3.8	2.2	0	-17.2	.6	5.3	-1.9	5.1	8.0	5.5
Connecticut	7,400	15,306	37,692	57,892	62,300	68,401	75,255	80,333	83,355	3.8	2.2	-9.6	-10.9	2.3	5.6	-3.9	6.1	8.3	4.6
Maine	1,852	3,394	9,266	13,856	15,036	16,622	18,322	20,066	21,120	5.3	4.0	8.3	-17.0	2.3	5.0	.8	6.0	10.2	8.0
Massachusetts	12,871	25,749	60,945	94,957	102,800	112,127	123,447	131,473	136,226	3.6	1.9	6.3	-17.9	-7	4.8	-1.3	4.5	7.2	4.4
New Hampshire	1,334	2,886	9,047	15,340	17,039	19,062	21,103	22,486	23,060	2.6	7	-3.9	-26.9	.1	5.9	-1.2	1.7	9.0	7.0
Rhode Island	1,896	3,850	9,029	13,320	14,255	15,444	16,876	18,070	18,906	4.6	3.4	8.5	-2.7	-2.0	5.2	-3.0	5.5	9.6	8.5
Vermont	742	1,609	4,396	6,621	7,148	7,824	8,580	9,354	9,812	4.9	3.9	11.8	-18.2	2.8	7.6	.4	8.2	10.2	9.9
Mideast	99,798	195,110	450,680	664,784	707,565	760,967	829,966	891,442	942,762	5.8	5.1	8.9	-4.4	.4	7.5	1.5	6.1	9.4	7.9
Delaware	1,251	2,525	6,098	9,106	9,749	10,616	11,587	12,611	13,349	5.8	5.3	12.2	-9	.9	3.7	8.0	13.3	10.5	6.2
District of Columbia	2,198	3,964	7,856	11,105	11,423	12,141	13,363	13,973	14,675	5.0	5.8	14.7	3.8	8.8	-2.3	1.1	4.9	8.5	4.5
Maryland	7,385	17,624	45,606	70,154	75,685	82,583	90,633	98,159	104,543	6.5	6.3	20.4	1.4	4.6	5.6	1.5	6.8	10.3	7.6
New Jersey	16,761	34,549	85,367	133,333	143,110	155,737	171,763	183,622	193,008	5.1	4.0	7.9	-9.2	-2.7	7.1	1.9	3.9	10.3	8.3
New York	46,586	88,708	188,321	280,266	297,901	319,229	347,942	373,682	395,336	5.8	5.1	6.0	-5.1	.4	9.4	-1.6	6.1	8.7	8.5
Pennsylvania	25,817	47,741	117,431	160,820	169,697	180,559	194,678	209,393	221,850	5.9	5.5	9.3	-3.4	1.4	6.7	3.4	7.3	9.7	8.4
Great Lakes	87,825	167,384	420,290	570,427	602,457	636,335	682,068	730,969	771,256	5.5	5.0	6.4	2.6	.9	5.6	3.2	7.6	9.8	7.4
Illinois	27,054	50,760	123,993	169,968	178,528	189,653	204,693	220,021	232,071	5.5	5.0	6.6	3.1	2.4	5.4	1.0	7.8	10.0	6.0
Indiana	10,274	19,623	50,778	68,338	72,415	76,907	82,239	88,499	93,494	5.6	5.2	14.2	1.8	2.0	4.9	4.7	7.9	10.5	6.3
Michigan	18,612	36,765	94,080	127,250	136,040	142,377	151,995	162,610	170,534	4.9	3.9	-2	-1.1	-2.4	5.8	2.9	7.6	9.5	11.8
Ohio	23,049	43,024	105,035	141,972	148,975	157,250	168,343	179,381	189,537	5.7	5.1	5.7	3.3	1.2	5.5	4.6	6.0	9.6	5.6
Wisconsin	8,836	17,211	46,405	62,900	66,498	70,142	74,797	80,457	85,620	6.4	6.5	10.2	3.9	7.2	5.7	7.0	9.9	10.0	7.4
Plains	32,300	61,983	164,116	232,842	244,889	257,071	271,663	291,915	311,915	6.9	6.9	9.6	3.0	2.8	4.5	3.7	8.4	9.5	7.4
Iowa	5,639	10,761	27,811	36,217	37,739	39,149	41,018	44,537	47,897	7.5	8.2	8.9	13.2	3.4	5.3	4.1	8.2	9.6	6.4
Kansas	4,712	8,473	23,565	33,819	35,596	37,046	39,178	41,511	44,562	7.3	8.1	10.3	2.9	4.2	4.9	4.8	5.5	10.1	5.4
Minnesota	7,308	15,243	41,103	59,278	62,774	66,670	71,014	76,802	81,948	6.7	6.5	13.5	1.0	3.0	3.0	2.7	9.6	9.3	9.9
Missouri	9,239	17,843	45,779	66,729	70,490	74,561	79,476	84,864	89,535	5.5	4.9	6.8	-1.2	.7	5.6	2.4	8.7	9.0	7.2
Nebraska	2,998	5,593	14,589	20,808	21,583	22,331	23,564	25,272	27,182	7.6	8.0	7.8	6.5	5.4	3.1	6.5	6.7	10.1	8.7
North Dakota	1,143	1,937	5,590	8,182	8,386	8,527	8,329	9,037	9,745	7.8	8.9	11.9	4.6	7.6	4.8	6.1	8.7	8.7	2.2
South Dakota	1,261	2,133	5,680	7,811	8,321	8,787	9,084	9,893	11,047	11.7	14.4	0	14.2	9.3	2.9	8.8	12.3	11.9	6.2
Southeast	64,555	144,810	448,781	681,056	728,365	782,708	848,795	914,325	976,004	6.7	6.3	10.3	2.1	3.7	6.7	3.8	5.1	10.8	7.7
Alabama	5,038	10,159	30,063	43,026	46,003	48,959	52,772	56,287	59,907	6.4	6.3	19.6	8.4	3.9	5.0	4.7	8.1	10.7	5.3
Arkansas	2,504	5,456	17,097	24,838	26,052	27,235	29,195	31,261	33,423	6.9	7.0	5.9	17.0	6.2	8.9	5.5	5.2	10.6	8.4
Florida	10,061	26,990	96,078	158,411	171,116	187,065	204,479	224,410	240,459	7.2	6.6	5.7	-3.2	3.2	8.8	4.2	4.6	10.9	10.3
Georgia	6,668	15,551	45,805	75,394	82,409	89,194	96,823	103,339	109,765	6.2	5.9	7.3	4.8	3.3	10.4	1.0	5.4	11.6	7.0
Kentucky	4,919	10,148	29,401	40,102	41,956	44,589	47,934	51,513	55,019	6.8	6.9	9.8	.4	4.9	6.7	5.7	7.3	11.3	7.9
Louisiana	5,492	11,209	36,697	50,679	50,659	50,886	54,006	56,636	60,730	7.2	7.9	9.0	12.4	8.2	5.3	4.0	4.5	9.8	7.8
Mississippi	2,680	5,568	17,500	24,174	25,402	26,903	29,073	30,942	32,770	5.9	5.2	6.7	3.4	4.7	5.9	4.6	6.8	9.2	4.2
North Carolina	7,383	16,503	47,180	72,987	78,788	85,212	92,886	100,418	107,403	7.0	6.4	14.6	4.5	2.5	5.1	3.7	7.0	12.3	10.3
South Carolina	3,409	7,806	23,790	35,780	38,339	41,356	44,924	47,905	52,646	9.9	8.1	11.4	21.0	3.0	7.3	8.6	4.5	13.4	8.4
Tennessee	5,746	12,405	36,958	53,637	57,850	62,740	68,203	72,757	77,052	5.9	5.4	4.4	-5.8	3.5	7.5	4.2	5.7	9.9	5.8
Virginia	7,648	17,440	52,754	82,523	89,589	97,754	106,619	115,762	122,178	5.5	4.7	6.1	-7.1	3.7	1.4	2.4	5.6	9.4	6.0
West Virginia	3,006	5,375	15,459	19,504	20,202	20,814	21,882	23,096	24,655	6.8	7.0	15.0	2.2	4.8	2.8	5.2	10.0	4.9	
Southwest	27,661	59,613	204,879	318,147	327,232	337,859	359,843	385,742	414,547	7.5	7.5	9.4	3.5	5.4	7.9	4.4	6.7	10.9	6.3
Arizona	2,703	6,801	25,091	40,963	44,769	48,813	52,370	56,353	59,732	6.0	4.5	8.7	-5.3	2.6	9.2	2.6	5.5	8.4	5.5
New Mexico	1,775	3,218	10,704	16,238	16,890	17,761	18,789	20,165	21,556	6.9	6.6	13.9	-1.7	5.1	4.8	5.7	5.2	9.1	6.6
Oklahoma	4,452	8,819	28,585	40,235	40,596	40,820	43,032	45,614	48,581	6.5	6.6	7.7	9.0	4.7	7.8	2.5	6.9	8.4	4.0
Texas	18,731	40,775	140,499	220,711	224,977	230,464	245,652	263,610	284,678	8.0	8.3	9.6	5.2	6.0	7.9	4.9	7.0	12.0	6.9
Rocky Mountain	9,342	18,678	63,097	91,522	95,051	98,934	104,688	112,678	120,953	7.3	7.5	5.5	6.5	4.8	6.3	6.2	7.3	10.9	6.0
Colorado	4,116	8,951	30,836	47,511	49,420	51,455	54,231	58,077	61,916	6.6	6.5	1.6	4.0	3.8	7.9	6.0	6.5	10.3	4.2
Idaho	1,263	2,486	8,129	10,869	11,198	11,841	12,750	13,953	15,262	9.4	10.4	11.2	17.8	4.6	4.7	6.8	11.4	12.1	12.8
Montana	1,393	2,459	7,040	9,092	9,588	9,986	10,427	11,392	12,074	6.0	5.4	3.1	6.5	4.1	4.5	4.3	5.3	9.0	4.9
Utah	1,809	3,513	11,710	17,512	18,391	19,373	20,688	22,353	24,263	8.5	8.8	8.8	4.3	6.5	4.7	7.6	9.5	13.0	7.4
Wyoming	760	1,267	5,382	6,537	6,454	6,279	6,592	6,903	7,438	7.8	9.0	9.3	5.9	15.0	3.8	4.4	2.9	9.1	5.9
Far West	55,971	119,848	355,981	532,392	569,801	614,864	669,154	726,816	782,722	7.7	7.5	8.2	2.1	4.0	8.5	6.2	7.8	11.4	8.9
California	44,207	95,039	276,107	422,608	453,110	490,104	533,116	576,433	618,850	7.4	7.0</								

Table 4.—Per Capita Personal Income for States and Regions, 1960, 1970, 1980, 1985-90¹

Area name	Dollars										Rank in U.S.			
	1960	1970	1980	1985	1986	1987 ^r	1988 ^r	1989 ^r	1990 ^p	1960	1970	1980	1990	
United States	2,254	4,051	9,919	13,896	14,597	15,424	16,511	17,594	18,685	.....	.....	.....	.....
New England	2,478	4,445	10,542	15,950	17,154	18,643	20,330	21,598	22,146	.....	.....	.....	.....
Connecticut	2,909	5,037	12,112	18,227	19,505	21,293	23,283	24,805	25,358	1	2	2	1	
Maine	1,900	3,405	8,218	11,903	12,834	14,012	15,193	16,417	17,200	36	36	39	28	
Massachusetts	2,494	4,514	10,612	16,305	17,618	19,147	20,958	22,234	22,642	9	10	12	3	
New Hampshire	2,191	3,890	9,788	15,367	16,591	18,041	19,441	20,308	20,789	22	20	23	8	
Rhode Island	2,218	4,050	9,518	13,779	14,626	15,656	16,989	18,101	18,841	20	14	27	15	
Vermont	1,908	3,604	8,577	12,373	13,233	14,292	15,374	16,496	17,436	34	32	35	25	
Mideast	2,586	4,589	10,661	15,516	16,434	17,589	19,069	20,401	21,595	.....	.....	.....	.....
Delaware	2,787	4,587	10,249	14,547	15,307	16,385	17,544	18,742	20,039	4	8	14	11	
District of Columbia	2,873	5,250	12,322	17,811	18,268	19,531	21,784	23,131	24,181	.....	.....	.....	.....
Maryland	2,372	4,475	10,790	15,970	16,958	18,223	19,594	20,912	21,864	12	11	8	5	
New Jersey	2,746	4,805	11,573	17,618	18,767	20,292	22,256	23,736	24,968	7	6	4	2	
New York	2,755	4,855	10,721	15,773	16,730	17,896	19,428	20,818	21,975	6	5	10	4	
Pennsylvania	2,279	4,042	9,891	13,554	14,264	15,118	16,225	17,392	18,672	17	15	18	18	
Great Lakes	2,420	4,151	10,077	13,694	14,433	15,178	16,198	17,282	18,359	.....	.....	.....	.....
Illinois	2,682	4,563	10,837	14,730	15,452	16,371	17,626	18,873	20,303	8	9	7	9	
Indiana	2,198	3,771	9,245	12,424	13,158	13,905	14,794	15,824	16,864	21	27	31	31	
Michigan	2,376	4,133	10,165	14,001	14,879	15,466	16,450	17,535	18,346	11	13	15	20	
Ohio	2,368	4,033	9,723	13,176	13,821	14,538	15,494	16,446	17,473	13	16	25	24	
Wisconsin	2,230	3,889	9,845	13,234	13,964	14,657	15,481	16,532	17,503	19	22	20	22	
Plains	2,094	3,791	9,534	13,273	13,944	14,586	15,297	16,353	17,663	.....	.....	.....	.....
Iowa	2,046	3,804	9,537	12,619	13,290	13,874	14,492	15,684	17,249	29	24	26	26	
Kansas	2,159	3,770	9,941	13,812	14,482	14,969	15,695	16,521	17,986	23	28	17	21	
Minnesota	2,134	3,995	10,062	14,144	14,898	15,706	16,484	17,643	18,731	25	18	16	17	
Missouri	2,136	3,809	9,298	13,250	13,913	14,599	15,461	16,449	17,497	24	23	29	23	
Nebraska	2,116	3,759	9,274	12,967	13,504	14,008	14,698	15,685	17,221	26	29	30	27	
North Dakota	1,803	3,129	8,538	11,951	12,358	12,698	12,484	13,690	15,255	40	44	37	39	
South Dakota	1,846	3,200	8,217	11,029	11,758	12,384	12,727	13,838	15,872	39	40	40	36	
Southeast	1,660	3,293	8,484	12,044	12,715	13,489	14,467	15,409	16,470	.....	.....	.....	.....
Alabama	1,539	2,945	7,704	10,698	11,356	11,987	12,862	13,668	14,826	47	48	47	44	
Arkansas	1,399	2,827	7,465	10,525	10,986	11,403	12,187	12,995	14,218	49	49	49	47	
Florida	2,011	3,943	9,764	13,935	14,639	15,559	16,572	17,710	18,586	30	19	24	19	
Georgia	1,685	3,377	8,348	12,616	13,506	14,321	15,274	16,057	16,944	42	37	38	30	
Kentucky	1,618	3,141	8,022	10,768	11,270	11,975	12,865	13,823	14,929	44	43	43	43	
Louisiana	1,685	3,071	8,682	11,302	11,263	11,439	12,255	12,926	14,391	41	46	34	45	
Mississippi	1,228	2,597	6,926	9,249	9,679	10,252	11,095	11,804	12,735	50	50	50	50	
North Carolina	1,615	3,236	7,999	11,662	12,451	13,293	14,314	15,283	16,203	45	39	44	35	
South Carolina	1,425	3,004	7,589	10,729	11,339	12,072	12,967	13,641	15,099	48	47	48	42	
Tennessee	1,607	3,151	8,030	11,252	12,050	12,921	13,926	14,728	15,798	46	41	42	37	
Virginia	1,919	3,743	9,827	14,468	15,452	16,525	17,731	18,985	19,746	33	30	21	12	
West Virginia	1,622	3,078	7,915	10,073	10,537	10,967	11,665	12,439	13,747	43	45	46	49	
Southwest	1,943	3,587	9,561	13,090	13,226	13,547	14,358	15,247	16,377	.....	.....	.....	.....
Arizona	2,046	3,789	9,172	12,957	13,645	14,369	15,034	15,846	16,297	28	26	32	34	
New Mexico	1,861	3,145	8,169	11,197	11,434	11,873	12,444	13,196	14,228	38	42	41	46	
Oklahoma	1,906	3,436	9,393	12,139	12,286	12,487	13,307	14,147	15,444	35	35	28	38	
Texas	1,946	3,629	9,798	13,476	13,488	13,736	14,592	15,515	16,759	32	31	22	32	
Rocky Mountain	2,147	3,707	9,568	12,683	13,098	13,604	14,383	15,397	16,622	.....	.....	.....	.....
Colorado	2,327	4,025	10,598	14,699	15,135	15,623	16,433	17,510	18,794	15	17	13	16	
Idaho	1,883	3,467	8,569	10,817	11,164	11,843	12,715	13,761	15,160	37	34	36	40	
Montana	2,052	3,528	8,924	11,015	11,729	12,338	12,952	14,142	15,110	27	33	33	41	
Utah	2,010	3,297	7,952	10,653	11,052	11,534	12,233	13,094	14,083	31	38	45	48	
Wyoming	2,297	3,797	11,339	12,834	12,726	12,819	13,746	14,547	16,398	16	25	6	33	
Far West	2,692	4,604	11,336	15,481	16,220	17,115	18,185	19,251	20,241	.....	.....	.....	.....
California	2,786	4,746	11,603	16,035	16,782	17,722	18,823	19,834	20,795	5	7	3	7	
Nevada	2,852	4,878	11,421	14,693	15,453	16,377	17,604	18,985	19,416	2	4	5	13	
Oregon	2,268	3,889	9,866	12,628	13,127	13,850	14,877	16,003	17,156	18	21	19	29	
Washington	2,422	4,165	10,725	14,076	14,857	15,536	16,400	17,679	18,858	10	12	9	14	
Alaska	2,816	5,073	13,835	18,785	18,483	18,210	19,078	21,365	21,761	3	1	1	6	
Hawaii	2,350	4,944	10,617	13,900	14,673	15,525	16,797	18,413	20,254	14	3	11	10	
Census Divisions														
New England	2,478	4,445	10,542	15,950	17,154	18,643	20,330	21,598	22,146	.....	.....	.....	.....
Middle Atlantic	2,596	4,588	10,624	15,441	16,360	17,501	18,987	20,323	21,546	.....	.....	.....	.....
East North Central	2,420	4,151	10,077	13,694	14,433	15,178	16,198	17,282	18,359	.....	.....	.....	.....
West North Central	2,094	3,791	9,534	13,273	13,944	14,586	15,297	16,353	17,663	.....	.....	.....	.....
South Atlantic	1,878	3,694	9,171	13,301	14,101	15,029	16,105	17,156	18,126	.....	.....	.....	.....
East South Central	1,523	2,997	7,752	10,640	11,265	11,983	12,900	13,728	14,809	.....	.....	.....	.....
West South Central	1,833	3,418	9,326	12,679	12,746	12,997	13,840	14,707	16,006	.....	.....	.....	.....
Mountain	2,118	3,725	9,445	12,730	13,222	13,817	14,588	15,561	16,515	.....	.....	.....	.....
Pacific	2,682	4,614	11,343	15,504	16,228	17,104	18,173	19,263	20,288	.....	.....	.....	.....

^r Revised.

^p Preliminary.

1. The 1990 figures are based on 1990 population counts, which are subject to possible correction for undercount or overcount. The U. S. Department of Commerce is considering whether to correct these counts

and will publish corrected counts, if any, not later than July 15, 1991. For years prior to 1990, the figures are based on Bureau of the Census midyear population estimates. The 1985-89 estimates have not been revised to reflect the 1990 population counts.

Table 5.—Total and Per Capita Disposable Personal Income for States and Regions, 1960, 1970, 1980, 1985–90

Area name	Total										Per cent chg	Per capita ¹										Rank in U.S.	
	Millions of dollars											Dollars										1960	1990
	1960	1970	1980	1985	1986	1987*	1988*	1989*	1990*	1989-90		1960	1970	1980	1985	1986	1987*	1988*	1989*	1990*	1960	1990	
	1960	1970	1980	1985	1986	1987*	1988*	1989*	1990*	1989-90		1960	1970	1980	1985	1986	1987*	1988*	1989*	1990*	1960	1990	
United States	355,539	709,963	1,914,331	2,832,081	3,007,642	3,184,218	3,467,868	3,709,988	3,949,062	6.4	1,976	3,484	8,424	11,863	12,474	13,081	14,109	14,945	15,878	.....	.....
New England	22,626	45,151	110,522	171,147	183,152	201,320	224,474	238,473	247,050	3.6	2,148	3,801	8,936	13,515	14,374	15,673	17,314	18,279	18,706	.....	.....
Connecticut	6,384	13,040	31,736	48,624	51,397	57,116	63,518	67,391	69,831	3.6	2,509	4,291	10,198	15,309	16,092	17,780	19,652	20,809	21,244	1	1		
Maine	1,659	3,006	8,139	12,117	12,944	14,265	15,938	17,452	18,366	5.2	1,702	3,016	7,218	10,409	11,048	12,025	13,216	14,278	14,957	33	23		
Massachusetts	11,090	21,881	51,259	79,649	85,641	93,448	104,555	110,552	114,173	3.3	2,149	3,836	8,926	13,677	14,677	15,957	17,751	18,696	18,977	9	4		
New Hampshire	1,177	2,493	7,877	13,443	14,786	16,751	18,705	19,786	20,298	2.6	1,932	3,360	8,523	13,466	14,398	15,854	17,232	17,869	18,299	22	5		
Rhode Island	1,657	3,358	7,712	11,662	12,371	13,093	14,375	15,313	16,040	4.7	1,938	3,533	8,130	12,065	12,693	13,273	14,471	15,340	15,985	20	17		
Vermont	659	1,372	3,798	5,652	6,012	6,647	7,384	7,978	8,343	4.6	1,693	3,075	7,410	10,562	11,130	12,143	13,231	14,070	14,825	35	26		
Mideast	86,131	165,985	379,656	558,809	594,391	633,766	697,995	744,730	789,707	6.0	2,232	3,928	8,981	13,043	13,896	14,649	16,037	17,043	18,089	.....	.....
Delaware	1,028	2,051	4,914	7,503	7,994	8,742	9,467	10,233	10,829	5.8	2,289	3,728	8,259	11,987	12,552	13,492	14,333	15,207	16,256	8	14		
District of Columbia	1,855	3,379	6,561	9,135	9,304	9,926	11,114	11,464	12,018	4.8	4,225	4,475	10,290	14,651	14,879	15,968	18,118	18,977	19,803	.....	.....
Maryland	6,368	14,641	37,793	58,924	63,218	68,814	76,070	81,618	86,846	6.4	2,046	3,718	8,942	13,413	14,165	15,166	16,446	17,388	18,163	13	6		
New Jersey	14,714	29,871	72,450	113,608	120,621	131,641	146,547	155,789	163,891	5.2	2,411	4,154	9,822	15,012	15,818	17,152	18,988	20,138	21,201	5	3		
New York	39,529	74,817	157,497	231,039	246,376	260,446	287,165	305,827	325,600	6.5	2,348	4,095	8,966	13,003	13,836	14,601	16,035	17,037	18,098	6	7		
Pennsylvania	22,637	41,226	100,441	138,599	146,877	154,197	167,632	179,799	190,523	6.0	1,998	3,490	8,460	11,681	12,346	12,911	14,931	14,934	16,035	16	16		
Great Lakes	76,919	142,658	356,347	489,032	516,948	541,367	585,004	622,608	657,097	5.5	2,120	3,538	8,544	11,740	12,384	12,913	13,893	14,720	15,642	.....	.....
Illinois	23,601	43,001	104,703	146,348	154,318	161,541	176,078	187,793	197,834	5.3	2,340	3,865	9,151	12,683	13,356	13,944	15,162	16,109	17,307	7	9		
Indiana	9,071	16,779	43,247	58,655	62,210	65,956	70,660	75,479	79,879	5.8	1,941	3,224	7,874	10,664	11,303	11,925	12,711	13,496	14,408	19	31		
Michigan	16,366	31,247	79,804	107,933	115,450	120,121	129,520	137,690	144,589	5.0	2,089	3,512	8,622	11,876	12,627	13,049	14,018	14,848	15,555	11	20		
Ohio	20,212	37,052	89,398	121,796	127,987	133,886	144,816	153,433	162,079	5.6	2,076	3,473	8,275	11,304	11,874	12,378	13,329	14,067	14,942	12	24		
Wisconsin	7,669	14,579	39,195	54,299	56,984	59,864	63,930	68,214	72,716	6.6	1,936	3,294	8,315	11,425	11,966	12,510	13,232	14,016	14,865	21	25		
Plains	28,582	53,608	139,013	199,964	210,715	218,700	232,648	249,462	266,081	6.7	1,853	3,279	8,076	11,398	11,998	12,409	13,100	13,975	15,067	.....	.....
Iowa	5,004	9,326	23,364	31,307	32,362	33,181	35,065	37,993	40,855	7.5	1,816	3,297	8,012	10,909	11,397	11,758	12,389	13,379	14,713	28	28		
Kansas	4,180	7,310	19,882	28,587	30,345	31,443	33,528	35,493	38,112	7.4	1,915	3,252	8,388	11,676	12,346	12,705	13,431	14,126	15,383	23	21		
Minnesota	6,410	13,127	34,356	49,833	53,229	55,186	59,437	64,242	68,220	6.2	1,872	3,441	8,410	11,890	12,633	13,001	13,797	14,758	15,593	26	19		
Missouri	8,120	15,362	39,160	57,662	60,958	64,230	68,727	73,079	76,948	5.3	1,877	3,279	7,954	11,450	12,032	12,576	13,370	14,165	15,038	25	22		
Nebraska	2,670	4,849	12,385	18,212	18,743	19,278	20,355	21,763	23,385	7.5	1,884	3,259	7,873	11,349	11,727	12,093	12,696	13,508	14,816	24	27		
North Dakota	1,042	1,710	4,804	7,261	7,503	7,530	7,964	8,590	9,791	7.9	1,643	2,764	7,339	10,606	11,056	11,220	10,987	12,065	13,447	40	38		
South Dakota	1,156	1,924	5,061	7,102	7,575	7,847	8,206	8,927	9,971	11.7	1,692	2,885	7,322	10,028	10,704	11,059	11,496	12,487	14,326	36	32		
Southeast	57,842	125,781	384,259	582,794	626,550	669,490	730,581	782,939	835,567	6.7	1,488	2,860	7,265	10,306	10,938	11,538	12,452	13,195	14,100	.....	.....
Alabama	4,544	8,889	25,653	36,593	39,365	41,715	45,302	48,086	51,174	6.4	1,388	2,577	6,574	9,099	9,718	10,214	11,042	11,676	12,665	47	43		
Arkansas	2,285	4,799	14,837	21,635	22,748	23,570	25,374	27,273	29,152	6.9	1,277	2,487	6,479	9,168	9,593	9,944	10,675	11,337	12,401	49	46		
Florida	8,958	23,419	82,499	135,557	146,668	159,299	175,223	191,494	205,210	7.2	1,790	3,421	8,384	11,924	12,547	13,249	14,201	15,113	16,861	30	18		
Georgia	5,969	13,422	38,892	63,013	69,483	74,728	81,893	86,675	92,102	6.3	1,509	2,914	7,088	10,544	11,388	11,998	12,919	13,668	14,217	42	33		
Kentucky	4,402	8,806	25,479	34,544	36,164	38,722	41,583	44,545	47,433	6.5	1,447	2,726	6,952	9,276	9,714	10,396	11,160	11,953	12,871	44	42		
Louisiana	4,949	9,932	31,301	44,103	44,941	44,850	47,637	49,744	53,278	7.1	1,518	2,721	7,406	9,835	9,991	10,802	10,809	11,353	12,625	41	44		
Mississippi	2,448	5,087	15,042	20,940	22,156	23,277	25,155	26,691	28,226	5.8	1,122	2,290	5,953	8,011	8,442	8,870	9,599	10,182	10,969	50	50		
North Carolina	6,636	14,286	40,222	61,892	67,422	72,508	79,706	85,835	91,693	6.8	1,451	2,802	6,819	9,889	10,655	11,311	12,283	13,063	13,833	43	36		
South Carolina	3,089	6,870	20,393	30,729	32,914	35,344	38,657	40,904	45,044	9.9	1,292	2,644	6,505	9,214	9,734	10,317	11,158	11,672	12,919	48	41		
Tennessee	5,169	10,829	32,175	46,701	50,763	54,851	60,040	63,666	67,361	5.8	1,446	2,751	6,991	9,797	10,574	11,296	12,259	12,888	13,811	45	37		
Virginia	6,722	14,624	44,538	70,045	76,295	82,327	90,366	97,524	103,124	5.7	1,687	3,168	8,296	12,280	13,159	13,917	15,028	15,994	16,667	37	31		
West Virginia	2,671	4,679	13,228	17,043	17,631	18,167	19,445	20,416	21,771	6.6	1,441	2,679	6,773	8,802	9,196	9,572	10,365	10,996	12,139	46	49		
Southwest	24,549	51,830	174,234	272,977	283,376	291,067	311,650	332,678	357,397	7.4	1,725	3,118	8,131	11,232	11,653	11,671	12,436	13,150	14,119	.....	.....
Arizona	2,385	5,873	21,729	35,609	38,720	41,915	45,447	48,610	51,509	6.0	1,806	3,272	7,943	11,264	11,801	12,339	13,047	13,669	14,053	29	34		
New Mexico	1,588	2,801	9,353	14,053	14,717	15,341	16,179	17,356	18,549	6.9	1,665	2,737	7,138	9,690	9,963	10,255	10,716	11,358	12,243	39	48		
Oklahoma	3,971	7,679	24,163	32,695	33,281	33,243	35,430	37,350	39,710	6.3	1,700	2,992	7,939	9,864	10,073	10,169	10,956	11,584	12,624	34	45		
Texas	16,604	35,477	118,989	190,620	196,658	200,567	214,594	229,361	247,629	8.0	1,725	3,157	8,298	11,639	11,790	11,954	12,747	13,499	14,578	32	29		
Rocky Mountain	8,214	16,183	53,754	78,612	82,306	85,201	90,881	97,580	104,594	7.3	1,888	3,212	8,152	10,894	11,341	11,716	12,486	13,324	14,374	.....	.....
Colorado	3,572	7,686	26,024	40,570	42,417	43,892	46,693	49,775	53,076	6.6	2,019	3,456	8,944	12,551	12,990	13,327	14,149	15,007	16,111	15</			

County and Metropolitan Area Personal Income, 1987-89

Revision Schedule for Regional Estimates

The annual estimates of State and local area personal income for a given year are subject to successive refinement. Preliminary State estimates, based on the current quarterly series, are released 4 months after the close of the reference year and published in the April SURVEY OF CURRENT BUSINESS. In the August SURVEY, more reliable annual estimates are published. These estimates are developed independently of the quarterly series and are prepared in greater component detail, primarily from Federal and State government administrative records. The annual estimates published in the August SURVEY are subsequently refined to incorporate newly available information used to prepare the current local area estimates. These revised State esti-

mates, together with the current local area estimates, are published in the following April SURVEY. The annual estimates emerging from this three-step process are further revised for several succeeding years (the State estimates in April and August and the local area estimates in April), as additional data become available. The routine revisions of the local area estimates for a given year are normally completed with the third April release. After that, the estimates will be changed only to incorporate a comprehensive revision of the national income and product accounts—which takes place approximately every 5 years—or to make important improvements to the estimates through the use of additional or more current State and local area data.

THIS article presents summary estimates of total and per capita personal income for 1987-89 for metropolitan areas and counties. Table 1 contains estimates for county-based metropolitan areas as defined for statistical purposes by the U.S. Office of Management and Budget. These areas include consolidated metropolitan statistical areas (CMSA's)—large, complex areas that consist of two or more primary metropolitan statistical areas (PMSA's)—and metropolitan statistical areas (MSA's). The metropolitan areas in New England are defined in terms of cities and towns rather than counties; the estimates presented here are for the alternative area definition—New England county metropolitan areas (NECMA's).¹ Table 2 contains estimates for 3,106 counties and county equivalents. The smaller independent cities of Virginia are combined with adjacent counties in these estimates.

The 1989 estimates are presented for the first time. The 1987 and 1988 estimates are revised and supersede those presented in the April 1990 SURVEY OF CURRENT BUSINESS. The estimates for 1984-89, including income by major type and labor and proprietors' earnings by Standard Industrial

Classification (SIC) industry division, will be presented in the forthcoming five-volume set *Local Area Personal Income, 1984-89*. A detailed description of the sources and methods used to derive the estimates will be included in each volume. The full set of estimates for 1969-89, in greater industrial detail, is available in several forms from

BEA's Regional Economic Information System, as explained on page 37.

Definition of total and per capita personal income

The personal income of an area is defined as the income received by, or on behalf of, all the residents of the

Acknowledgments

The revised estimates of local area personal income were prepared by the Regional Economic Measurement Division under the direction of Linnea Hazen, Chief. The estimates were the result of a divisionwide effort.

Estimates of nonfarm labor income (wages and salaries and other labor income) were prepared by the Regional Wage Branch under the supervision of Carol E. Evans, Chief. Major responsibilities were assigned to Sharon C. Carnevale, C. Brian Grove, Michael G. Pilot, and James M. Scott. Contributing staff members were E. Frances Bake, Elizabeth P. Cologer, Kathryn A. Comins, Susan P. Den Herder, Eddie L. Key, Russell C. Lusher, Richard A. Lutyk, Lisa C. Ninomiya, Michael Phillips, Adrienne T. Pilot, William E. Reid, Jr., John A. Rusinko, Victor A. Sahadachny, and Jaime Zenzano.

Estimates of farm earnings (wages and salaries, other labor income, and proprietors' income) and the residence adjustments were prepared by the Quarterly Income Branch under the supervision of Robert L. Brown, Assistant Division Chief. Major responsibilities were assigned to James M. Zavrel. Contributing staff members were Elaine M. Briccetti, Daniel R. Corrin, Richard H. Grayson, and Daniel Zabronsky.

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

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

1. For a discussion of the metropolitan area concepts and a list of the areas and their components, see U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States: 1991* (Washington, DC: U.S. Government Printing Office, 1991), Appendix II.

area. It consists of the income received by persons from all sources—that is, from participation in production, from both government and business transfer payments, and from government interest. Personal income is measured as the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance.

In the national and regional economic accounts, persons are defined as individuals, nonprofit institutions serving individuals, private noninsured welfare funds, and private trust funds.

The definitions underlying the local area estimates of personal income are essentially the same as those underlying the personal income estimates in the national income and product accounts. The major difference is that the national estimates include the income of residents of the United States temporarily working abroad, whereas the local area estimates consist of only the income of persons residing in the 50 States and the District of Columbia. Specifically, the national personal income estimates include the income of Federal civilian and military personnel stationed abroad and of U.S. residents who are employed by U.S. firms and are on temporary foreign assignment. An "overseas" adjustment is made to

the national estimates to exclude the labor earnings of these workers from the U.S. totals before the totals are extended to the State and local area levels.

Per capita personal income is computed by dividing the total personal income of an area by the population estimate for that area. For 1987–88, the population estimates were provided by the Census Bureau; for 1989, BEA prepared county population estimates based on the Census Bureau 1989 State estimates and on the 1986–88 trend in the Census Bureau county estimates. Except for the college student population, which is measured as of April 1, the population for all years is measured as of July 1.

The local area per capita personal income estimates should be used with caution for several reasons. In some instances, an unusually high or low per capita personal income is the temporary result of unusual conditions, such as a bumper crop or a hurricane. In other instances, the income levels of certain groups atypical of the resident population may cause a longer term high or low per capita personal income that is not indicative of the economic well-being of the area. For instance, a major construction project—such as a defense facility, power plant, or dam—may substantially raise the per capita personal income of an area for several years because it attracts highly

paid workers whose income is measured at the construction site. This high per capita income is not indicative of the economic well-being of most of the residents of the area (or, in many cases, of the resident construction workers themselves, because they frequently send a substantial portion of their wages to their dependents living in other areas).

Conversely, the presence of a large institutional population—such as that of a college or prison—will tend to keep the per capita personal income of an area at a lower level because the residents of these institutions have little income attributable to them at these institutions. This lower per capita personal income is not indicative of the economic well-being of most of the residents of the area (or, in some cases, of the institutional populations, because some of these populations, such as college students, typically receive support from their families living in other areas).

The per capita personal income estimates can also be misleading in areas where population changes rapidly. Population is measured at midyear, whereas income is measured as a flow over the year; therefore, a significant change in the population of an area during the year, particularly if it occurs around midyear, can cause a distortion in the per capita personal income estimate.

Data Availability

Personal income by type of payment and earnings by SIC industry division, as shown in table A, are available for metropolitan areas and counties for 1969-89. An expanded version of this table, which includes earnings by SIC two-digit industry, is also available. In addition, there are supplemental tables for employment by industry division, transfer payments by program, and major categories of farm income and expenses.

These tables are available on magnetic tapes, computer printouts, microcomputer diskettes, and a CD-ROM. Magnetic tape files are priced at \$100 per reel. Each table for all years of data for all the metropolitan areas is available on a single reel. Each table except the more detailed (SIC two-digit industry) income table for all years of data for all the counties is available on a single reel; the more detailed income table is available on two reels. The tables on computer printouts

are priced by page, and those on diskette, by diskette; the cost of an order will depend on the number of table series, areas, and years of data ordered. In mid-May, BEA will provide the entire set of local area estimates—for all tables, all counties and metropolitan areas, and all years—on a CD-ROM. This CD-ROM is designed for use with microcomputers equipped with the MS-DOS operating system; it is packaged with a "floppy" diskette that contains programming to help users to select, extract, display, and print the estimates. The price of the package is \$35.00.

For further information or to place an order, call (202) 523-0966 (after June 8, 1991, call (202) 254-6630) or write to the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Table A.—Example of Available Data for Local Areas: Personal Income by Major Source and Earnings by Major Industry, 1984-89¹

[Thousands of dollars]

New London County, Connecticut	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	3,666,298	3,884,327	4,038,570	4,394,249	4,740,294	5,050,910
Nonfarm personal income	3,629,839	3,854,425	4,000,385	4,354,986	4,701,265	5,013,384
Farm income ²	36,459	29,902	38,185	39,263	39,029	37,526
Population (thousands) ³	245.9	245.5	244.1	245.1	247.6	247.2
Per capita personal income (dollars)	14,907	15,825	16,544	17,931	19,143	20,429
Derivation of total personal income:						
Total earnings by place of work	2,881,734	3,046,348	3,044,324	3,332,359	3,523,775	3,711,668
Less: Personal cont. for social insur. ⁴	166,846	184,217	184,031	203,777	222,369	241,151
Plus: Adjustment for residence ⁵	-83,272	-75,655	9,992	21,804	62,291	35,959
Equals: Net earn. by place of residence	2,631,616	2,786,476	2,870,285	3,150,386	3,363,697	3,506,476
Plus: Dividends, interest, and rent ⁶	587,044	615,435	653,755	697,196	795,213	907,626
Plus: Transfer payments	447,638	482,416	514,530	546,667	581,384	636,808
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	2,448,172	2,598,705	2,582,388	2,807,064	2,965,821	3,128,613
Other labor income	260,044	264,314	258,388	275,511	288,647	310,025
Proprietors' income ⁷	173,518	183,329	203,548	249,784	269,307	273,030
Farm	27,498	20,813	29,059	29,523	29,069	27,198
Nonfarm	146,020	162,516	174,489	220,261	240,238	245,832
Earnings by industry:						
Farm	36,459	29,902	38,185	39,263	39,029	37,526
Nonfarm	2,845,275	3,016,446	3,006,139	3,293,096	3,484,746	3,674,142
Private	2,225,820	2,357,958	2,323,852	2,549,919	2,693,673	2,827,701
Ag. serv., for., fish., and other ⁸	5,486	7,250	8,247	11,736	13,898	13,242
Mining	6,629	9,191	3,512	4,158	5,956	6,541
Construction	352,685	303,952	171,244	189,801	229,804	240,936
Manufacturing	1,002,541	1,068,113	1,079,060	1,101,559	1,056,213	1,097,281
Nondurable goods	217,847	237,860	251,683	264,367	270,444	288,408
Durable goods	784,694	830,253	827,377	837,192	785,769	808,873
Transportation and public utilities	126,082	151,110	150,454	167,888	175,005	189,587
Wholesale trade	67,355	74,281	75,538	88,724	97,278	105,407
Retail trade	231,850	257,778	281,868	311,010	346,272	353,503
Finance, insurance, and real estate	46,642	51,216	61,118	102,003	96,318	89,316
Services	386,550	435,067	492,811	573,040	672,929	731,888
Government and government enterprises	619,455	658,488	682,287	743,177	791,073	846,441
Federal, civilian	116,568	119,037	119,773	132,847	140,869	144,328
Military	273,489	284,586	288,024	297,118	298,662	308,093
State and local	229,398	254,865	274,490	313,212	351,542	394,020

1. Estimates are based on 1972 SIC.

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

3. Midyear population estimates of the Bureau of the Census. Estimates for 1986-88 reflect revisions available as of September 1989. In some instances, estimates prior to 1986 are not consistent with those for 1986-88. BEA prepared 1989 county population estimates based on the Census Bureau 1989 State estimates and on the 1986-88 trend in the Census Bureau county estimates.

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

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

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

7. Includes the inventory valuation and capital consumption adjustments.

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

^D Not shown to avoid disclosure of confidential information.

¹ Less than \$50,000. Estimates are included in totals.

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Area, 1987-89

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in U.S.		Millions of dollars			Percent change ²	Dollars			Rank in U.S.
	1987	1988	1989		1988-89	1987	1988			1989	1988-89	1987		1988	1989	1988-89	
United States ¹	3,754,577	4,058,181	4,367,401	7.6	15,425	16,510	17,592		Cleveland, OH*	31,285	33,396	35,726	7.0	16,840	18,101	19,395	50
Metropolitan portion	3,092,647	3,350,581	3,606,280	7.6	16,473	17,647	18,771		Colorado Springs, CO	5,759	6,072	6,479	6.7	14,714	15,417	16,105	150
Nonmetropolitan portion	661,930	707,600	761,121	7.6	11,888	12,650	13,557		Columbia, MO	1,534	1,659	1,781	7.4	14,510	15,677	16,851	123
Consolidated Metropolitan Statistical Areas ⁴									Columbia, SC	6,196	6,762	7,314	8.2	13,805	14,815	15,775	168
Buffalo, NY	17,580	19,025	20,431	7.4	15,004	16,183	17,439		Columbus, GA-AL	2,952	3,139	3,304	5.2	11,957	12,714	13,459	284
Chicago, IL	142,421	154,353	165,475	7.2	17,484	18,867	20,109		Columbus, OH	20,246	21,847	23,444	7.3	15,272	16,252	17,178	113
Cincinnati, OH	26,385	28,364	30,310	6.9	15,342	16,410	17,365		Corpus Christi, TX	4,192	4,491	4,741	5.6	11,673	12,545	13,272	291
Cleveland, OH	44,654	47,703	50,896	6.7	16,086	17,228	18,380		Cumberland, MD-WV	1,212	1,298	1,384	6.6	11,807	12,673	13,576	278
Dallas, TX	63,444	67,236	72,073	7.2	16,998	17,853	18,721		Dallas, TX	43,362	45,926	49,277	7.3	17,641	18,555	19,485	49
Denver, CO	32,234	33,826	36,071	6.6	17,365	18,206	19,345		Danville, VA	1,365	1,480	1,589	7.4	12,617	13,691	14,901	225
Detroit, MI	80,363	85,880	91,617	6.7	17,369	18,588	19,826		Davenport-Rock Island-Moline, IA-IL	5,240	5,522	5,928	7.4	14,307	15,160	16,387	138
Houston, TX	54,192	58,805	64,063	8.9	14,963	16,149	17,538		Dayton-Springfield, OH	14,095	15,226	16,147	6.0	14,963	16,061	16,919	121
Los Angeles, CA	241,016	261,579	283,106	8.2	17,909	18,997	20,004		Daytona Beach, FL	4,588	5,027	5,553	10.5	13,702	14,432	15,364	191
Miami, FL	50,172	54,726	59,433	8.6	17,006	18,239	19,526		Decatur, AL	1,599	1,728	1,847	6.9	12,209	13,027	13,794	270
Milwaukee, WI	25,778	27,632	29,551	6.9	16,551	17,581	18,686		Decatur, IL	1,797	1,931	2,051	6.2	14,404	15,614	16,767	127
New York, NY	366,255	401,415	429,452	7.0	20,410	22,319	23,841		Denver, CO*	28,309	29,685	31,643	6.6	17,263	18,100	19,231	51
Philadelphia, PA	102,372	111,261	119,714	7.6	17,320	18,658	19,909		Des Moines, IA	6,156	6,642	7,204	8.5	15,994	16,954	18,039	79
Pittsburgh, PA	34,528	36,993	39,553	6.9	15,064	16,196	17,455		Detroit, MI	75,084	80,226	85,556	6.6	17,211	18,433	19,660	46
Portland, OR	21,197	23,226	25,655	10.5	15,312	16,423	17,713		Dothan, AL	1,595	1,722	1,840	6.9	12,294	13,136	13,982	259
San Francisco, CA	124,853	136,092	145,873	7.2	20,990	22,525	23,778		Dubuque, IA	1,152	1,209	1,299	7.4	12,715	13,302	14,207	251
Seattle, WA	40,985	44,688	49,487	10.7	17,430	18,460	19,851		Duluth, MN-WI	2,979	3,162	3,442	8.9	12,325	13,099	14,367	244
Metropolitan Statistical Areas ⁵									East Claire, WI	1,744	1,856	1,993	7.4	12,688	13,409	14,305	246
Abilene, TX	1,648	1,734	1,820	5.0	13,337	14,237	15,001	219	El Paso, TX	5,456	5,869	6,423	9.4	9,307	10,016	10,735	316
Akron, OH*	9,722	10,390	11,033	6.2	14,989	15,900	16,805	125	Elkhart-Goshen, IN	2,201	2,370	2,524	6.5	14,760	15,677	16,442	136
Albany, GA	1,353	1,455	1,538	5.7	11,550	12,513	13,348	288	Elmira, NY	1,226	1,338	1,452	8.6	13,508	14,584	15,825	166
Albany-Schenectady-Troy, NY	13,593	14,840	16,062	8.2	16,121	17,441	18,802	61	Enid, OK	816	862	896	4.0	13,703	14,783	15,840	163
Albuquerque, NM	7,001	7,413	7,929	7.0	14,369	15,035	15,806	167	Eric, PA	3,656	3,935	4,235	7.6	13,179	14,205	15,332	197
Alexandria, LA	1,576	1,663	1,768	6.3	11,288	12,061	12,865	296	Eugene-Springfield, OR	3,480	3,783	4,132	9.2	13,070	14,006	15,049	213
Allentown-Bethlehem-Easton, PA-NJ	10,782	11,653	12,537	7.6	16,155	17,210	18,294	72	Evansville, IN-KY	4,063	4,333	4,612	6.4	14,474	15,406	16,377	139
Altoona, PA	1,593	1,688	1,810	7.3	12,002	12,736	13,685	274	Fargo-Moorhead, ND-MN	2,001	2,084	2,251	8.0	13,606	14,048	15,070	211
Amarillo, TX	2,783	2,887	3,036	5.2	14,100	14,707	15,396	187	Fayetteville, NC	2,986	3,234	3,473	7.4	11,631	12,648	13,576	278
Anaheim-Santa Ana, CA*	47,434	51,436	56,000	8.9	21,406	22,790	24,288	12	Fayetteville-Springdale, AR	1,314	1,412	1,546	9.5	12,064	12,761	13,775	272
Anchorage, AK	4,605	4,741	5,313	12.1	20,810	21,699	24,773	8	Flint, MI	6,369	6,582	6,993	6.2	14,669	15,280	16,315	140
Anderson, IN	1,741	1,895	2,048	8.1	13,173	14,372	15,558	180	Florence, AL	1,495	1,622	1,706	5.2	11,033	11,966	12,691	303
Anderson, SC	1,664	1,804	1,932	7.1	11,769	12,607	13,388	285	Florence, SC	1,310	1,426	1,500	5.2	11,200	12,093	12,635	304
Ann Arbor, MI*	5,279	5,654	6,061	7.2	19,975	21,110	22,512	20	Fort Collins-Loveland, CO	2,535	2,702	2,954	9.3	14,151	14,850	15,925	159
Anniston, AL	1,356	1,442	1,518	5.2	11,019	11,696	12,353	307	Fort Lauderdale-Hollywood-Pompano Beach, FL*	22,219	24,244	26,470	9.2	19,101	20,425	21,898	24
Appleton-Oshkosh-Neenah, WI	4,450	4,738	5,071	7.0	14,433	15,143	16,032	153	Fort Myers-Cape Coral, FL	4,744	5,210	5,858	12.4	16,017	16,852	18,063	78
Asheville, NC	2,293	2,502	2,730	9.1	13,381	14,459	15,627	177	Fort Pierce, FL	3,492	3,890	4,307	10.7	15,781	16,780	17,668	93
Athens, GA	1,854	2,021	2,193	8.5	13,049	13,971	15,052	212	Fort Smith, AR-OK	2,063	2,210	2,335	5.7	11,571	12,228	12,749	300
Atlanta, GA	46,193	50,408	53,715	6.6	17,391	18,420	19,055	55	Fort Walton Beach, FL	1,813	1,954	2,124	8.7	12,409	12,974	13,619	276
Atlantic City, NJ	6,102	6,693	7,200	7.6	20,105	21,647	23,001	19	Fort Wayne, IN	5,535	5,983	6,440	7.6	15,178	16,287	17,326	111
Augusta, GA-SC	5,077	5,461	5,999	9.8	12,943	13,777	14,970	221	Fort Worth-Arlington, TX*	20,082	21,310	22,795	7.0	15,759	16,508	17,529	110
Aurora-Elgin, IL*	6,003	6,595	7,102	7.7	17,321	18,560	19,587	47	Fresno, CA	8,558	9,262	10,023	8.2	14,307	15,065	15,927	158
Austin, TX	10,867	11,466	12,349	7.7	14,568	15,319	16,113	149	Gadsden, AL	1,156	1,233	1,286	4.3	11,267	11,985	12,514	305
Bakersfield, CA	6,878	7,505	7,948	5.9	13,599	14,433	14,856	228	Gainesville, FL	2,499	2,720	2,986	9.8	12,197	13,100	14,163	252
Baltimore, MD	40,899	44,555	47,996	7.7	17,700	19,021	20,267	35	Galveston-Texas City, TX*	3,041	3,273	3,545	8.3	13,531	14,587	15,695	120
Bangor, ME (NECMA)	1,811	1,994	2,177	9.2	12,989	14,102	15,239	205	Gary-Hammond, IN*	8,159	8,772	9,380	6.9	13,391	14,328	15,344	195
Baton Rouge, LA	6,829	7,367	7,887	7.1	12,680	13,730	14,757	233	Glens Falls, NY	1,472	1,619	1,748	8.0	12,895	13,941	14,865	226
Battle Creek, MI	1,845	1,969	2,096	6.5	13,294	14,147	14,981	220	Grand Forks, ND	881	885	956	8.0	12,998	13,521	14,282	282
Beaumont-Port Arthur, TX	4,875	5,200	5,506	5.8	13,253	14,290	15,339	196	Grand Rapids, MI	10,131	11,065	11,983	8.3	15,537	16,634	17,766	87
Beaver County, PA*	2,385	2,494	2,641	5.9	12,527	13,138	14,046	256	Great Falls, MT	1,090	1,155	1,245	7.8	13,923	14,778	15,662	157
Bellingham, WA	1,569	1,682	1,876	11.5	13,596	14,169	15,457	186	Greecy, CO	1,702	1,818	1,943	6.9	12,542	13,346	14,230	249
Benton Harbor, MI	2,229	2,353	2,507	6.5	13,440	14,130	14,966	222	Green Bay, WI	2,808	2,997	3,216	7.3	14,907	15,670	16,400	131
Bergen-Passaic, NJ*	29,746	32,952	35,140	6.6	22,969	25,499	27,374	3	Greensboro-Winston-Salem-High Point, NC	14,118	15,401	16,513	7.2	15,426	16,655	17,652	94
Billings, MT	1,594	1,677	1,811	8.0	13,507	14,400	15,595	178	Greenville-Spartanburg, SC	8,305	9,105	9,874	8.4	13,578	14,654	15,707	172
Blount-Gulfport, MS	2,236	2,356	2,517	6.8	10,816	11,495	12,209	309	Greentown, MD	1,613	1,749	1,881	7.5	13,832	14,854	15,828	165
Binghamton, NY	3,881	4,187	4,491	7.3	14,966	16,088	17,318	107	Hamilton-Middleton, OH*	4,019	4,286	4,550	6.2	14,506	15,323	16,029	154
Birmingham, AL	12,716	13,708	14,679	7.1	13,816	14,846	15,833	164	Harrisburg-Lebanon-Carlisle, PA								

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Area, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in U.S.		Millions of dollars			Percent change ²	Dollars			Rank in U.S.
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Lancaster, PA	6,350	6,870	7,467	8.7	15,666	16,590	17,645	95	Pueblo, CO	1,445	1,542	1,659	7.6	11,343	12,084	12,974	295
Lansing-East Lansing, MI	6,260	6,688	7,186	7.5	14,717	15,612	16,659	130	Racine, WI*	2,669	2,847	3,046	7.0	15,538	16,380	17,426	104
Laredo, TX	875	965	1,066	10.5	6,959	7,482	8,043	319	Raleigh-Durham, NC	11,044	12,131	13,302	9.7	16,610	17,750	18,945	58
Las Cruces, NM	1,230	1,301	1,419	9.1	9,580	9,851	10,389	317	Rapid City, SD	1,034	1,083	1,170	8.0	12,804	13,208	13,944	262
Las Vegas, NV	9,518	10,762	12,378	15.0	15,888	17,048	18,508	67	Reading, PA	5,439	5,847	6,339	8.4	16,722	17,766	19,068	54
Lawrence, KS	919	999	1,087	8.8	12,273	13,053	13,886	267	Redding, CA	1,855	2,030	2,229	9.8	13,670	14,527	15,567	179
Lawton, OK	1,331	1,370	1,424	3.9	11,096	11,485	11,945	312	Reno, NV	4,258	4,742	5,225	10.2	18,268	19,779	20,920	28
Lewiston-Auburn, ME (NECMA)	1,369	1,509	1,642	8.8	13,532	14,606	15,731	170	Richland-Kennebec-Pasco, WA	2,047	2,131	2,271	6.6	13,920	14,559	15,489	185
Lexington-Fayette, KY	5,127	5,502	5,938	7.9	14,878	15,814	16,760	128	Richmond-Petersburg, VA	14,473	15,793	17,255	9.3	17,474	18,706	20,164	39
Lima, OH	2,092	2,279	2,413	5.9	13,406	14,539	15,301	199	Riverside-San Bernardino, CA	32,245	35,887	39,344	9.6	15,127	15,757	16,238	142
Lincoln, NE	2,958	3,180	3,452	8.6	14,217	15,028	16,067	151	Roanoke, VA	3,481	3,706	4,012	8.3	15,721	16,728	18,229	73
Little Rock-North Little Rock, AR	7,088	7,541	8,101	7.4	13,865	14,698	15,657	175	Rochester, MN	1,722	1,831	1,996	9.0	17,447	18,137	19,517	48
Longview-Marshall, TX	2,116	2,247	2,386	6.2	12,680	13,485	14,405	243	Rochester, NY	16,440	17,974	19,479	8.4	16,877	18,338	19,858	43
Lorain-Elyria, OH*	3,647	3,916	4,137	5.6	13,531	14,481	15,286	200	Rockford, IL	4,313	4,666	4,958	6.3	15,345	16,535	17,498	101
Los Angeles-Long Beach, CA*	149,952	161,836	174,366	7.7	17,680	18,845	19,906	42	Sacramento, CA	21,715	23,733	26,230	10.5	16,235	17,133	18,299	71
Louisville, KY-IN	14,123	15,171	16,246	7.1	14,606	15,690	16,768	126	Saginaw-Bay City-Midland, MI	5,815	6,200	6,589	6.3	14,321	15,264	16,238	143
Lubbock, TX	2,878	3,039	3,240	6.6	12,655	13,401	14,208	250	St. Cloud, MN	2,202	2,374	2,568	8.1	12,394	13,102	13,927	263
Lynchburg, VA	1,848	2,002	2,154	7.6	12,727	13,763	14,829	229	St. Joseph, MO	1,128	1,197	1,278	6.8	13,138	14,018	15,041	214
Macon-Warner Robins, GA	3,781	4,103	4,386	6.9	13,323	14,311	15,261	201	St. Louis, MO-IL	41,203	45,913	46,959	6.9	16,781	17,802	18,957	57
Madison, WI	5,869	6,277	6,797	8.3	16,920	17,790	19,023	56	Salem, OR	3,389	3,702	4,057	9.6	12,806	13,723	14,708	235
Manchester-Nashua, NH (NECMA)	6,384	7,037	7,452	5.9	19,671	21,185	22,010	23	Salinas-Seaside-Monterey, CA	5,567	5,966	6,274	5.2	16,205	17,107	17,622	97
Mansfield, OH	1,765	1,877	1,982	5.6	13,729	14,546	15,366	189	Salt Lake City-Ogden, UT	13,155	13,955	15,058	7.9	12,456	13,104	13,962	260
McAllen-Edinburg-Mission, TX	2,614	2,835	3,118	10.0	6,881	7,309	7,814	320	San Angelo, TX	1,311	1,380	1,462	5.9	13,333	13,904	14,658	238
Medford, OR	1,793	1,940	2,103	8.4	12,532	13,299	14,046	256	San Antonio, TX	16,682	17,819	19,106	7.2	12,678	13,467	14,144	254
Melbourne-Titusville-Palm Bay, FL	5,486	5,992	6,618	10.5	14,673	15,432	16,445	135	San Diego, CA	38,085	41,847	45,868	9.6	16,658	17,654	18,651	64
Memphis, TN-AR-MS	13,911	15,173	16,302	7.4	14,377	15,493	16,484	134	San Francisco, CA*	38,768	42,063	45,051	7.1	24,442	26,453	28,170	2
Merced, CA	2,040	2,168	2,335	7.7	12,381	12,752	13,387	286	San Jose, CA*	30,446	33,108	35,544	7.4	21,547	23,120	24,581	10
Miami-Hialeah, FL*	27,952	30,482	32,964	8.1	15,643	16,808	17,963	80	Santa Barbara-Santa Maria-Lompoc, CA	6,371	6,863	7,478	9.0	18,667	20,001	21,504	26
Middlesex-Somerset-Hunterdon, NJ*	22,183	24,758	26,442	6.8	22,964	25,308	26,716	4	Santa Cruz, CA*	3,936	4,326	4,322	-1.1	17,710	19,082	18,637	65
Midland, TX	1,691	1,813	1,898	4.7	15,801	16,898	17,765	88	Santa Fe, NM	1,734	1,822	1,979	8.6	15,559	16,200	17,137	115
Milwaukee, WI*	23,110	24,786	26,506	6.9	16,676	17,730	18,842	60	Santa Rosa-Petaluma, CA*	6,561	7,212	7,883	9.3	18,523	19,705	20,860	29
Minneapolis-St. Paul, MN-WI	42,504	45,790	49,234	7.5	18,205	19,179	20,227	36	Sarasota, FL	5,267	5,740	6,402	11.5	20,639	22,023	24,039	13
Mobile, AL	5,563	5,947	6,380	7.3	13,497	14,246	14,985	294	Savannah, GA	3,361	3,579	3,844	7.4	13,910	14,647	15,658	174
Modesto, CA	4,401	4,792	5,212	8.8	13,431	14,052	14,689	236	Scranton-Wilkes-Barre, PA	9,867	10,675	11,500	7.7	13,521	14,492	15,519	183
Monmouth-Ocean, NJ*	19,581	21,598	23,092	6.9	20,482	22,278	23,456	17	Seattle, WA*	33,377	36,504	40,571	11.1	18,469	19,608	21,137	27
Monroe, LA	1,659	1,751	1,839	5.1	11,450	12,158	12,783	297	Sharon, PA	1,489	1,613	1,744	8.1	12,121	13,184	14,322	245
Montgomery, AL	3,920	4,234	4,514	6.6	13,399	14,080	14,962	223	Sheboygan, WI	1,534	1,648	1,783	8.2	14,988	16,001	17,270	108
Muncie, IN	1,554	1,660	1,768	6.6	12,890	13,818	14,770	231	Sherman-Denison, TX	1,330	1,401	1,478	5.5	13,500	14,299	15,040	215
Muskegon, MI	2,007	2,117	2,258	6.6	12,566	13,125	13,895	266	Shreveport, LA	4,527	4,712	4,920	4.4	12,463	13,122	13,744	273
Naples, FL	2,686	2,979	3,413	14.6	20,547	21,504	23,322	18	Sioux Falls, SD	1,566	1,641	1,771	7.9	13,685	14,181	15,242	204
Nashville, TN	14,747	15,947	17,013	6.7	15,398	16,410	17,134	116	Sioux Falls, SD	1,793	1,918	2,080	8.4	14,578	15,285	16,412	137
Nassau-Suffolk, NY*	58,189	63,536	67,656	6.5	22,140	24,076	25,628	6	South Bend-Mishawaka, IN	3,594	3,830	4,067	6.2	14,785	15,680	16,545	133
New Bedford-Fall River-Attleboro, MA (NECMA)	7,801	8,541	9,117	6.7	16,342	17,694	18,845	59	Spokane, WA	4,799	5,095	5,553	9.0	13,497	14,294	15,507	184
New Haven-Waterbury-Meriden, CT (NECMA)	14,781	16,278	17,345	6.6	18,733	20,480	21,736	25	Springfield, IL	3,077	3,292	3,484	5.8	16,168	17,169	18,103	76
New London-Norwich, CT (NECMA)	4,394	4,740	5,051	6.6	17,931	19,143	20,429	31	Springfield, MO	3,158	3,388	3,653	7.8	13,676	14,463	15,353	193
New Orleans, LA	17,329	18,265	19,165	4.9	13,151	13,975	14,745	234	Springfield, MA (NECMA)	9,390	10,309	11,010	6.8	15,976	17,405	18,519	66
New York, NY*	161,897	176,558	189,571	7.4	18,920	20,609	22,064	22	State College, PA	1,486	1,623	1,781	9.7	12,957	14,037	15,345	194
Newark, NJ*	39,604	43,489	46,404	6.7	20,960	23,056	24,729	9	Steubenville-Weirton, OH-WV	1,771	1,880	2,013	7.0	11,904	12,732	13,899	265
Niagara Falls, NY*	3,036	3,269	3,508	7.3	14,105	15,069	16,183	145	Stockton, CA	5,909	6,499	6,998	7.7	13,314	14,260	14,861	227
Norfolk-Virginia Beach-Newport News, VA	19,479	20,849	22,161	6.3	14,430	15,106	15,721	171	Syracuse, NY	9,697	10,507	11,372	8.2	15,029	16,157	17,490	102
Oakland, CA*	38,736	42,343	45,447	7.3	19,706	21,106	22,249	21	Tacoma, WA*	7,608	8,184	8,916	8.9	13,981	14,638	15,546	181
Ocala, FL	2,091	2,279	2,525	10.8	11,463	12,003	12,699	302	Tallahassee, FL	2,813	3,108	3,426	10.2	12,603	13,595	14,677	237
Odessa, TX	1,522	1,595	1,685	5.7	12,078	12,790	13,850	269	Tampa-St. Petersburg-Clearwater, FL	30,074	32,795	36,007	9.8	15,373	16,438	17,675	92
Oklahoma City, OK	13,308	14,038	14,945	6.5	13,756	14,566	15,536	182	Terre Haute, IN	1,633	1,706	1,851	8.4	12,255	12,866	13,998	258
Olympia, WA	2,131	2,296	2,548	11.0	14,106	14,656	15,663	173	Texarkana, TX-Texasarkana, AR	1,460	1,540	1,647	6.9	12,174	12,896	13,793	271
Omaha, NE-IA	9,234	9,800	10,534	7.5	15,043	15,765	16,753	129	Toledo, OH	9,291	9,892	10,453	5.7	15,139	16,046	16,893	122
Orange County, NY*	4,887	5,366	5,741	7.0	16,980	18,281	19,178	52	Topeka, KS	2,607	2,771	2,977	7.4	16,055	16,816	17,886	84
Orlando, FL	14,512	16,069	17,705	10.2	15,484	16,546	17,540	100	Trenton, NJ*	6,746							

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
United States ¹	3,754,577	4,058,181	4,367,401	7.6	15,425	16,510	17,592	.....	Haines Borough	47	55	63	14.3	27,713	32,720	37,548	1
Metropolitan portion	3,092,647	3,350,581	3,606,280	7.6	16,473	17,647	18,771	.....	Juneau Borough	589	611	674	10.3	22,061	23,221	25,075	5
Nonmetropolitan portion	661,930	707,600	761,121	7.6	11,888	12,650	13,557	.....	Kenai Peninsula Borough	617	663	797	20.1	14,898	16,186	19,453	14
Alabama	48,959	52,772	56,287	6.7	11,988	12,863	13,669	.....	Ketchikan Gateway Borough	261	281	316	12.3	22,336	23,503	26,530	4
Metropolitan portion	35,183	37,917	40,572	7.0	12,792	13,701	14,580	.....	Kodiak Island Borough	219	243	284	16.8	16,524	17,623	20,537	13
Nonmetropolitan portion	13,776	14,855	15,715	5.8	10,330	11,127	11,770	.....	Matanuska-Susitna Borough	507	516	581	12.6	12,795	13,283	14,565	20
Autauga	406	452	484	7.0	11,567	12,664	13,470	11	Nome	106	110	120	8.8	13,953	14,229	15,103	18
Baldwin	1,117	1,207	1,310	8.5	11,795	12,519	13,306	14	North Slope Borough	103	107	126	17.8	19,854	19,689	22,219	10
Barbour	265	300	312	4.2	10,361	11,663	12,110	31	Northwest Arctic Borough	75	83	94	12.5	12,636	13,645	14,711	19
Bibb	161	177	186	5.3	9,582	10,484	10,910	49	Prince of Wales-Outer Ketchikan	78	85	95	11.8	15,096	15,809	16,986	17
Blount	394	431	473	9.6	10,344	11,238	12,292	28	Sitka Borough	153	170	190	11.2	20,142	21,783	23,995	7
Bullock	87	100	103	2.3	7,966	9,163	9,212	63	Skagway-Yakutat-Angoon	67	73	84	14.8	17,718	19,232	21,207	12
Butler	210	223	228	2.4	9,364	10,028	10,247	57	Southeast Fairbanks	74	79	84	5.2	11,350	12,312	12,956	22
Calhoun	1,356	1,442	1,518	5.2	11,019	11,696	12,353	27	Valdez-Cordova	181	204	247	21.3	20,577	23,094	27,727	3
Chambers	424	448	468	4.5	10,654	11,288	11,833	34	Wade Hampton	49	50	56	12.4	8,993	9,003	9,548	24
Cherokee	199	226	236	4.1	10,097	11,345	11,675	37	Wrangell-Petersburg	141	158	162	3.0	20,973	22,923	22,862	2
Chilton	327	345	365	5.9	10,317	10,723	11,241	43	Yukon-Koyukuk	109	117	125	6.6	11,726	12,446	13,022	21
Choctaw	155	164	175	6.6	9,116	9,607	10,230	58	Arizona	48,813	52,370	56,353	7.6	14,363	15,017	15,829	.....
Clarke	284	303	321	6.1	10,235	10,955	11,665	38	Metropolitan portion	41,473	44,453	47,822	7.6	16,410	16,115	16,965	.....
Clay	138	147	158	7.6	10,470	11,238	12,125	30	Nonmetropolitan portion	7,340	7,916	8,531	7.8	10,376	10,861	11,507	.....
Cleburne	124	133	144	8.4	9,618	10,258	11,130	46	Apache	395	422	459	8.8	6,673	6,864	7,406	15
Coffee	471	512	542	6.0	11,681	12,666	13,441	13	Cochise	1,036	1,107	1,174	6.8	10,381	11,027	11,564	11
Colbert	579	625	650	4.0	10,870	11,751	12,381	26	Coconino	1,011	1,093	1,150	5.2	11,179	11,621	11,947	10
Conecuh	144	152	156	2.3	9,429	10,166	10,506	54	Gila	388	423	459	8.5	9,842	10,412	11,272	12
Coosa	100	108	113	4.8	8,889	9,716	10,112	59	Graham	208	233	251	7.7	8,708	9,534	10,312	13
Covington	389	411	439	6.8	10,668	11,234	12,055	32	Greenlee	84	89	94	5.7	10,440	11,181	12,512	7
Crenshaw	133	150	154	2.7	9,630	10,847	11,057	47	La Paz	157	173	183	5.7	11,073	12,127	12,812	5
Cullman	749	803	872	8.6	11,358	12,133	13,156	17	Maricopa	31,774	34,126	36,804	7.8	16,064	16,815	17,705	1
Dale	569	612	651	6.5	11,512	12,210	12,930	20	Mohave	882	946	1,043	10.3	11,241	11,343	12,046	9
Dallas	485	518	536	3.5	9,134	9,891	10,313	56	Navajo	646	671	701	4.4	8,709	8,938	9,261	14
De Kalb	620	666	729	9.5	11,336	12,095	13,175	15	Pima	8,632	9,150	9,814	7.3	13,858	14,387	15,203	2
Elmore	576	623	665	6.6	11,658	12,402	12,979	18	Pinal	1,104	1,220	1,316	7.8	10,554	11,382	12,064	8
Escambia	378	398	410	3.2	10,431	11,117	11,581	39	Santa Cruz	266	289	319	10.4	11,224	11,823	12,845	4
Etowah	1,156	1,233	1,286	4.3	11,267	11,985	12,514	25	Yavapai	1,163	1,250	1,383	10.6	12,712	13,089	14,020	3
Fayette	186	194	210	8.1	9,861	10,493	11,452	42	Yuma	1,067	1,177	1,204	2.3	11,801	12,664	12,725	6
Franklin	329	346	359	3.6	11,699	12,342	12,844	23	Arkansas	27,235	29,195	31,261	7.1	11,405	12,191	13,000	.....
Geneva	261	290	313	8.0	11,130	12,341	13,453	12	Metropolitan portion	12,066	12,891	13,799	7.0	12,785	13,568	14,398	.....
Greene	84	90	91	1.5	7,719	8,249	8,376	65	Nonmetropolitan portion	15,169	16,304	17,463	7.1	10,504	11,286	12,073	.....
Hate	114	123	129	4.6	7,405	7,918	8,179	66	Arkansas	263	302	308	2.3	11,526	13,374	13,887	9
Henry	165	183	190	3.9	9,988	12,226	12,706	24	Ashley	294	307	323	5.2	11,296	11,842	12,593	20
Houston	1,026	1,110	1,188	7.1	12,776	13,709	14,635	6	Baxter	391	407	445	9.3	12,676	13,101	14,130	7
Jackson	502	543	550	1.3	10,109	10,934	11,176	45	Benton	1,224	1,328	1,458	9.8	13,174	13,885	14,770	3
Jefferson	9,837	10,555	11,254	6.6	14,486	15,543	16,597	2	Boone	325	348	378	8.8	11,450	12,116	13,054	16
Lamar	170	181	190	5.1	10,383	11,154	11,797	35	Bradley	132	141	158	12.0	10,177	10,986	12,478	22
Lauderdale	916	997	1,055	5.9	11,139	12,105	12,890	22	Calhoun	51	54	56	3.5	8,353	8,973	9,348	69
Lawrence	297	313	331	6.0	9,564	10,019	10,652	52	Carroll	213	221	243	3.9	11,667	12,055	13,105	15
Lee	948	1,020	1,106	8.5	11,745	12,512	13,554	9	Chicot	132	155	155	1.1	7,784	9,313	9,485	68
Limestone	626	696	726	4.2	12,122	13,199	13,596	8	Clark	227	237	255	7.4	10,221	10,880	11,875	33
Lowndes	108	125	139	11.0	8,224	9,606	10,628	53	Clay	197	217	222	2.2	10,175	11,321	11,693	36
Macon	209	220	232	5.2	7,898	8,370	8,825	64	Cleburne	197	207	228	10.2	10,090	10,509	11,475	39
Madison	3,530	3,869	4,201	8.6	15,273	16,346	17,577	1	Cleveland	86	92	100	7.8	10,477	11,259	12,107	32
Marengo	237	255	261	2.5	9,608	10,459	10,729	50	Columbia	303	323	350	8.4	11,315	12,056	13,146	14
Marion	287	306	315	2.8	9,253	9,996	10,374	55	Conway	209	222	237	7.0	10,926	11,668	12,550	21
Marshall	850	923	995	7.8	11,804	12,634	13,517	10	Craighead	769	831	888	6.9	11,938	12,734	13,479	12
Mobile	4,446	4,739	5,071	7.0	11,424	12,178	12,910	21	Crawford	427	458	492	7.4	10,011	10,443	10,945	56
Monroe	228	251	267	6.4	9,992	10,867	11,495	40	Crittenden	495	541	565	4.4	9,761	10,549	10,940	57
Montgomery	2,938	3,159	3,366	6.6	13,739	14,707	15,685	4	Cross	193	231	236	2.3	9,513	11,454	11,800	34
Morgan	1,302	1,416	1,516	7.1	13,032	13,952	14,744	5	Dallas	107	113	120	5.9	10,221	11,042	11,773	35
Perry	101	109	111	1.9	6,744	7,456	7,643	67	Desha	173	198	200	7.7	9,054	10,518	10,725	58
Pickens	192	198	214	7.8	8,857	9,218	9,956	60	Drew	178	188	199	5.6	10,028	10,692	11,424	42
Pike	282	311	330	6.1	10,070	11,114	11,752	36	Faulkner	676	722	792	9.7	12,401	12,857	13,699	11
Randolph	199	215	225	4.6	9,973	10,692	11,187	44	Franklin	159	164	180	9.2	10,162	10,488	11,411	43
Russell	493	523	559	6.9	9,874	10,415	10,981	48	Fulton	83	88	95	8.2	8,025	8,410	9,057	72

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Miller	435	464	491	6.0	11,052	11,747	12,384	26	Ventura	11,384	12,419	13,396	7.9	18,097	19,186	20,156	12
Mississippi	560	622	632	1.6	9,740	10,872	11,156	51	Yolo	2,091	2,283	2,533	11.0	16,408	17,341	18,816	16
Monroe	106	131	131	6.1	8,287	10,462	10,647	59	Yuba	586	635	680	7.1	10,574	11,224	11,801	58
Montgomery	77	80	89	10.3	9,661	10,105	11,131	52	Colorado	51,455	54,231	58,077	7.1	15,626	16,428	17,504	
Nevada	109	112	119	6.6	10,156	10,566	11,398	44	Metropolitan portion	43,675	45,961	49,106	6.8	16,237	17,038	18,075	
Newton	64	68	73	7.9	7,791	8,239	8,875	74	Nonmetropolitan portion	7,779	8,271	8,971	8.5	12,900	13,702	14,923	
Ouachita	344	363	382	5.3	10,206	10,738	11,277	48	Adams	3,657	3,806	4,036	6.0	13,025	13,543	14,306	35
Perry	75	77	83	8.3	9,319	9,437	10,099	64	Alamosa	134	148	163	10.4	10,483	11,391	12,437	54
Phillips	255	291	299	2.6	7,892	9,150	9,578	67	Arapahoe	7,118	7,612	8,192	7.6	18,324	19,456	20,663	7
Pike	108	115	127	10.2	10,650	11,129	12,187	30	Archuleta	51	55	59	7.5	9,955	10,451	11,109	60
Poinsett	260	288	292	1.5	10,005	11,137	11,342	45	Baca	5	82	85	4.6	16,579	16,654	17,625	17
Polk	170	176	193	9.6	9,931	10,112	11,061	55	Bent	58	62	69	12.8	10,296	11,340	13,171	47
Pope	479	518	567	9.5	10,837	11,564	12,457	23	Boulder	3,925	4,141	4,428	6.9	18,138	19,005	20,203	8
Prairie	91	106	105	-1.0	9,081	10,693	10,635	60	Chaffee	158	162	173	7.0	12,213	12,680	13,669	40
Pulaski	5,261	5,578	5,966	6.9	14,676	15,632	16,685	1	Cheyenne	60	62	73	17.9	25,428	26,161	31,117	2
Randolph	154	164	171	4.3	9,213	9,845	10,291	63	Clear Creek	111	112	116	3.5	15,115	15,573	16,379	23
St. Francis	256	273	278	1.8	8,199	8,887	9,122	71	Conejos	58	60	67	10.3	7,097	7,429	8,157	63
Saline	713	762	831	9.1	12,031	12,582	13,445	13	Costilla	32	36	39	9.9	9,622	10,838	12,379	55
Scott	107	110	118	7.0	10,169	10,471	11,083	53	Costilla	32	39	45	15.1	10,374	11,923	13,569	42
Searcy	73	76	82	7.9	8,238	8,801	9,587	66	Crowley	32	39	45	15.1	10,374	11,923	13,569	42
Sebastian	1,328	1,426	1,500	5.2	13,273	14,137	14,773	2	Custer	24	26	26	2.2	12,795	13,300	13,513	44
Sevier	149	153	181	18.0	10,509	10,940	13,041	17	Delta	225	239	256	6.9	10,210	10,926	12,019	58
Sharp	137	143	156	8.8	8,768	9,099	9,845	65	Denver	8,877	9,163	9,727	6.2	17,707	18,616	20,059	9
Stone	80	84	95	13.5	7,913	8,229	9,232	70	Dolores	22	25	25	1.0	13,929	16,372	16,951	20
Union	629	657	705	7.4	12,859	13,470	14,529	5	Douglas	879	977	1,075	10.1	20,882	21,534	21,972	6
Van Buren	142	150	165	10.2	9,245	9,558	10,364	62	Eagle	312	342	389	13.7	18,908	20,284	22,790	5
Washington	1,314	1,412	1,546	9.5	12,064	12,761	13,775	10	Elbert	142	153	162	5.7	15,559	16,150	16,390	22
White	522	561	610	8.9	9,754	10,407	11,233	50	El Paso	5,759	6,072	6,479	6.7	14,714	15,417	16,105	25
Woodruff	93	110	108	-1.2	9,110	11,080	11,243	49	Fremont	364	379	403	6.2	11,029	11,559	12,157	57
Yell	189	196	213	8.9	10,516	10,759	11,602	38	Garfield	363	393	432	9.9	13,093	13,681	14,828	29
California	490,104	533,116	576,433	8.1	17,724	18,829	19,840		Gilpin	37	38	41	7.1	13,139	13,837	14,796	31
Metropolitan portion	474,527	516,120	557,970	8.1	17,929	19,051	20,074		Grand	121	127	135	6.2	13,968	15,035	16,301	24
Nonmetropolitan portion	15,576	16,996	18,463	8.6	13,140	13,897	14,672		Gunnison	114	122	131	7.3	11,458	12,266	13,331	45
Alameda	22,721	24,752	26,393	6.6	18,597	19,944	20,967	9	Hinsdale	7	8	8	9.3	14,136	15,632	17,441	18
Alpine	18	20	25	20.5	15,190	16,920	20,220	11	Huerfano	65	68	72	5.6	9,666	10,199	10,977	61
Amador	352	390	426	9.0	13,896	14,180	14,573	41	Jackson	24	25	25	4.8	14,033	15,113	15,492	27
Butte	2,181	2,367	2,590	9.4	12,894	13,564	14,471	43	Jefferson	7,777	8,127	8,614	6.0	18,206	18,890	19,891	10
Calaveras	343	375	416	11.1	11,552	11,997	12,607	53	Kiowa	45	47	50	6.7	23,764	24,769	26,916	3
Colusa	229	249	281	13.2	15,389	16,201	17,998	20	Kit Carson	134	141	146	3.7	17,746	18,720	19,676	13
Contra Costa	16,035	17,992	19,054	8.3	21,526	22,990	24,308	5	Lake	56	57	57	9.3	8,906	8,841	10,208	62
Del Norte	206	226	251	11.0	10,606	11,232	12,139	56	La Plata	394	421	455	8.1	12,571	13,397	14,522	32
El Dorado	1,784	1,972	2,208	12.0	15,656	16,257	17,264	22	Larimer	2,535	2,702	2,954	9.3	14,151	14,850	15,925	26
Fresno	8,558	9,262	10,023	8.2	14,307	15,065	15,927	29	Las Animas	143	155	166	7.2	10,183	11,210	12,216	56
Glenn	338	355	382	7.4	14,747	15,185	16,185	26	Lincoln	73	78	85	9.9	15,400	16,718	18,487	15
Humboldt	1,575	1,691	1,833	8.4	13,808	14,545	15,546	33	Logan	235	246	261	6.1	12,462	13,252	14,415	34
Imperial	1,233	1,410	1,467	4.1	11,256	12,500	12,712	52	Mesa	1,101	1,180	1,292	9.5	12,307	12,970	14,232	36
Inyo	252	280	307	9.6	14,081	15,514	17,045	23	Mineral	7	7	8	3.0	10,328	11,551	12,793	51
Kern	6,878	7,505	7,948	5.9	13,599	14,433	14,856	38	Moffat	150	156	162	4.3	12,321	12,966	13,984	39
Kings	1,094	1,193	1,326	11.1	12,529	12,902	13,907	47	Montezuma	208	217	237	9.6	10,936	11,506	12,752	52
Lake	634	679	749	10.3	12,622	13,190	14,166	45	Montrose	291	309	329	6.5	11,551	12,282	13,150	48
Lassen	293	316	342	8.2	11,062	11,639	12,126	57	Morgan	253	274	296	8.0	11,057	12,080	13,201	46
Los Angeles	149,952	161,836	174,366	7.7	17,680	18,845	19,906	13	Otero	244	258	267	3.6	11,250	12,050	12,649	53
Madera	981	1,091	1,130	3.6	12,234	13,136	13,121	51	Ourray	31	33	36	9.2	14,735	15,605	16,840	21
Marin	6,892	7,520	8,124	8.0	30,252	32,684	34,983	1	Park	89	95	101	6.1	12,449	13,088	13,582	41
Mariposa	172	191	207	8.2	12,290	13,105	13,735	48	Phillips	65	71	74	5.2	15,086	16,470	17,629	16
Mendocino	1,031	1,106	1,226	10.8	13,728	14,525	15,858	30	Pitkin	296	331	369	11.5	27,705	30,324	33,108	1
Merced	2,040	2,168	2,335	7.7	12,381	12,752	13,387	50	Prowers	177	182	196	7.5	12,636	13,260	14,439	33
Modoc	117	127	132	4.3	12,718	13,789	14,494	42	Pueblo	1,445	1,542	1,659	7.6	11,343	12,084	12,974	49
Mono	145	167	182	9.3	15,678	17,551	18,855	15	Rio Blanco	82	88	92	4.2	12,625	13,952	14,866	28
Monterey	5,567	5,966	6,274	5.2	16,205	17,107	17,622	21	Rio Grande	128	136	149	10.2	10,832	11,709	12,882	50
Napa	1,942	2,119	2,311	9.0	18,446	19,881	21,417	8	Routt	210	228	252	10.6	15,823	17,290	19,412	14
Nevada	1,067	1,173	1,295	10.4	14,442	15,170	15,987	28	Saguache	38	39	50	27.7	9,055	9,199	11,614	59
Orange	47,434	51,436	56,000	8.9	21,406	22,790	24,288	6	San Juan	13	12	13	4.0	13,198	13,137	13,557	43
Placer	2,544	2,801	3,130	11.7	17,096	18,034	19,337	14	San Miguel	44	46	52	14.4	13,025	13,515	14,803	30
Plumas	259	278	302	8.8	13,184	13,794	14,726	39	Sedgwick	47	46	48	4.1	15,829	16,007	17,175	19
Riverside	14,611	16,220	17,872	10.2	15,855	16,465	17,028	24	Summit	216	229	258	12.5	19,758	20,757	23,220	4
Sacramento	15,296	16,677	18,359	10.1	16,146	17,071	18,194	19	Teller	165	172	182	6.0	13,603	13,753	14,003	38
San Benito	477	519	551	6.2	14,410	15,036	15,279	34	Washington	94	94	103	9.6	17,535	17,805	19,768	11
San Bernardino	17,633	19,668	21,473	9.2	14,573	15,217	15,635	31	Weld	1,702	1,818	1,943	6.9	12,542	13,346	14,230	37
San Diego	38,085	41,847	45,868	9.6	16,658	17,654	18,651	17									

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1988-89	1987	1988			1989	1989	1987		1988	1989	1988-89	
New Castle	7,803	8,494	9,256	9.0	18,267	19,511	20,907	1	Bleckley	123	132	139	5.1	11,531	12,405	13,098	68
Sussex	1,501	1,652	1,803	9.2	13,226	14,211	15,095	2	Branley	93	100	112	11.4	9,104	9,687	10,632	140
District of Columbia	12,141	13,363	13,973	4.6	19,546	21,658	22,998	.....	Brooks	135	139	150	7.7	8,899	9,122	9,837	153
Florida	187,065	204,479	224,410	9.7	15,559	16,577	17,715	.....	Bryan	162	178	192	8.1	11,138	11,267	11,263	126
Metropolitan portion	173,448	189,515	207,897	9.7	15,891	16,929	18,093	.....	Bulloch	415	453	493	9.0	11,050	11,905	12,975	70
Nonmetropolitan portion	13,617	14,964	16,513	10.4	12,287	13,122	14,026	.....	Burke	218	232	222	-4.3	10,318	10,891	10,380	147
Alachua	2,289	2,493	2,736	9.7	12,695	13,631	14,719	25	Butts	179	190	206	8.4	10,877	11,462	12,099	97
Baker	190	205	221	8.1	10,497	11,046	11,670	46	Calhoun	59	64	62	-2.4	11,033	12,174	12,203	92
Bay	1,490	1,616	1,747	8.1	12,094	12,875	13,524	32	Camden	243	274	310	13.2	11,294	12,113	12,755	75
Bradford	210	227	250	10.5	8,547	9,172	10,029	63	Candler	83	87	93	6.5	11,166	11,623	12,573	80
Brevard	5,486	5,992	6,618	10.5	14,673	15,432	16,445	17	Carroll	844	917	982	7.1	12,556	13,284	13,897	47
Broward	22,219	24,244	26,470	9.2	19,101	20,425	21,898	5	Catoosa	443	481	510	6.0	10,864	11,572	12,075	98
Calhoun	78	89	96	7.8	7,923	8,726	9,243	66	Charlton	86	92	97	5.3	10,552	11,270	11,607	116
Charlotte	1,330	1,463	1,670	14.1	14,832	15,416	16,600	16	Chatham	3,109	3,310	3,559	7.5	14,248	15,045	16,164	13
Citrus	995	1,080	1,214	12.4	11,375	11,793	12,559	39	Chattahoochee	184	193	190	-1.5	10,251	10,645	11,007	133
Clay	1,390	1,521	1,658	9.0	14,409	15,138	15,785	21	Chattooga	229	240	254	5.7	10,577	11,028	11,650	115
Collier	2,686	2,979	3,413	14.6	20,547	21,504	23,322	4	Cherokee	1,215	1,364	1,480	8.6	15,034	15,767	15,903	16
Columbia	432	471	510	8.3	10,415	11,187	11,947	43	Clarke	1,063	1,153	1,234	7.1	13,775	14,787	15,907	15
Dade	27,952	30,482	32,964	8.1	15,643	16,808	17,963	13	Clay	27	30	31	5.0	7,835	8,533	8,875	159
De Soto	224	251	271	7.9	10,046	11,055	11,712	44	Clayton	2,448	2,643	2,764	4.6	14,479	15,319	15,953	14
Dixie	83	92	103	12.0	8,334	8,954	9,690	64	Clinch	59	59	62	5.5	8,516	8,767	9,334	158
Duval	9,601	10,315	11,056	7.2	14,479	15,317	16,074	19	Cobb	7,951	8,711	9,179	5.4	19,442	20,481	20,781	3
Escambia	3,519	3,519	3,793	7.8	11,907	12,633	13,375	34	Coffee	301	334	369	10.5	10,085	11,081	12,149	95
Flagler	270	309	348	12.8	12,947	13,296	13,506	33	Colquitt	421	452	483	6.7	11,305	12,170	12,952	71
Franklin	82	94	103	9.3	9,768	11,147	12,100	42	Columbia	847	925	1,002	8.4	14,106	14,786	15,232	18
Gadsden	406	442	483	9.3	8,894	9,651	10,445	60	Cook	141	150	158	5.5	10,007	10,603	11,178	130
Gilchrist	84	92	101	8.8	11,392	12,094	12,947	36	Coweta	661	728	784	7.6	13,670	14,353	14,929	24
Glades	53	58	61	5.1	7,794	8,380	8,776	67	Crawford	91	99	104	5.4	12,272	13,188	13,996	45
Gulf	119	128	136	5.9	9,806	10,374	10,824	56	Crisp	206	223	237	6.5	10,120	10,943	11,713	113
Hamilton	88	98	106	9.2	9,284	9,971	10,733	58	Dade	115	124	129	3.9	9,610	10,393	10,757	139
Hardee	224	255	266	4.6	10,250	11,695	12,128	40	Dawson	98	109	121	10.9	12,617	13,127	13,295	65
Hendry	300	341	357	4.7	12,267	13,560	13,728	29	Decatur	281	300	321	6.8	10,503	11,134	11,910	102
Hernando	1,031	1,136	1,281	12.7	11,842	12,113	12,676	38	De Kalb	9,682	10,416	10,927	4.9	17,989	19,123	19,860	4
Highlands	793	878	964	9.8	12,354	13,199	13,932	28	Dodge	174	188	205	9.3	10,038	10,822	11,813	109
Hillsborough	11,214	12,283	13,402	9.1	14,091	15,070	16,044	20	Dooly	113	121	125	3.6	11,056	11,770	12,435	85
Holmes	143	155	171	10.4	8,809	9,286	10,096	62	Dougherty	1,186	1,274	1,350	6.0	11,654	12,642	13,594	58
Indian River	1,499	1,659	1,881	13.4	17,944	19,090	20,880	7	Douglas	970	1,063	1,147	7.9	13,690	14,469	15,094	21
Jackson	409	442	481	8.8	9,621	10,388	11,205	52	Early	134	146	155	5.7	10,199	11,220	11,897	105
Jefferson	114	123	129	4.5	9,618	10,278	10,628	59	Echois	21	24	25	3.8	9,439	10,367	10,979	134
Lafayette	57	60	67	11.9	10,820	11,003	11,554	47	Effingham	252	269	285	6.0	10,767	11,055	11,261	127
Lake	2,134	2,366	2,600	9.9	15,484	16,648	17,698	14	Elbert	218	235	253	7.4	11,490	12,355	13,321	64
Lee	4,744	5,210	5,858	12.4	16,017	16,852	18,063	11	Evans	207	222	239	7.9	9,393	10,053	10,792	138
Leon	2,408	2,666	2,943	10.4	13,556	14,585	15,724	22	Fannin	100	113	124	9.3	11,900	13,245	14,390	34
Levy	248	266	292	9.8	9,720	10,165	10,884	55	Fayette	161	181	188	3.9	9,939	11,029	11,298	125
Liberty	47	50	56	11.0	9,955	10,983	12,110	41	Fayette	1,025	1,161	1,327	14.3	19,718	20,673	21,789	1
Madison	146	160	174	8.8	9,317	10,110	10,934	54	Floyd	1,073	1,158	1,228	6.0	13,402	14,353	15,171	20
Manatee	2,922	3,164	3,530	11.6	15,986	16,927	18,482	8	Forsyth	658	731	793	8.5	16,372	17,393	17,601	6
Marion	2,091	2,279	2,525	10.8	11,463	12,003	12,699	37	Franklin	199	217	232	6.8	12,118	13,134	13,885	48
Martin	1,940	2,143	2,394	11.7	21,107	22,371	23,832	3	Fulton	12,156	13,120	13,906	6.0	20,473	21,557	22,557	2
Monroe	1,175	1,279	1,418	10.9	15,666	16,636	17,986	12	Gilmer	165	180	193	7.1	12,881	13,686	14,308	36
Nassau	622	666	721	8.3	14,241	14,731	15,316	24	Glascok	28	31	32	3.8	12,590	13,676	14,604	26
Okaloosa	1,813	1,954	2,124	8.7	12,409	12,974	13,619	31	Glynn	865	946	1,013	7.1	14,531	15,603	16,664	9
Okneechee	297	318	347	9.1	10,365	10,711	11,193	53	Gordon	419	459	497	8.1	12,490	13,417	14,404	33
Orange	9,420	10,384	11,409	9.9	15,849	16,980	18,083	10	Grady	212	228	245	7.3	9,915	10,728	11,548	117
Osceola	1,303	1,471	1,662	13.0	15,421	16,390	17,596	15	Greene	128	139	150	8.2	10,820	11,484	12,458	84
Palm Beach	17,001	18,611	20,707	11.3	21,636	22,739	24,319	1	Gwinnett	5,261	5,913	6,527	10.4	17,439	18,278	18,692	5
Pasco	3,164	3,446	3,770	9.4	12,281	12,995	13,710	30	Habersham	337	369	395	7.1	12,122	13,080	13,865	49
Pinellas	14,666	15,929	17,554	10.2	17,976	19,402	21,255	6	Hall	1,288	1,415	1,517	7.2	14,673	15,708	16,583	10
Polk	4,775	5,294	5,768	8.9	12,352	13,377	14,246	26	Hancock	84	89	97	8.5	9,930	9,619	10,596	141
Putnam	624	671	719	7.2	9,951	10,756	11,304	50	Haralson	249	270	283	4.7	12,071	12,979	13,474	59
St. Johns	1,241	1,367	1,528	11.8	16,608	17,318	18,436	9	Harris	221	237	255	7.7	12,803	13,368	14,300	37
St. Lucie	1,553	1,746	1,914	9.6	11,999	12,841	13,349	35	Hart	245	267	290	8.7	12,429	13,388	14,501	29
Santa Rosa	882	955	1,031	7.9	12,650	13,370	14,023	27	Heard	79	85	89	5.5	10,467	11,042	11,3	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Mitchell	200	213	225	5.2	9,249	9,928	10,515	145	Custer	46	55	62	13.7	9,954	12,613	15,060	9
Monroe	203	218	222	2.0	13,065	13,824	14,125	43	Elmore	230	245	264	8.0	10,401	11,072	11,859	32
Montgomery	75	79	82	2.9	10,364	11,057	11,392	122	Franklin	80	83	88	6.4	8,699	8,956	9,516	44
Morgan	166	179	189	5.8	12,946	13,776	14,448	31	Freemont (incl. Ylwstn. Natl. Pk.)	112	119	131	9.8	10,819	11,505	12,563	27
Murray	260	286	306	7.0	11,131	11,772	12,233	91	Gem	125	132	140	6.2	11,216	11,897	12,692	25
Muscogee	2,275	2,423	2,555	5.4	12,710	13,571	14,409	32	Gooding	131	138	147	6.7	11,252	11,951	12,820	22
Newton	530	575	616	7.1	12,606	13,287	13,861	50	Idaho	152	161	174	8.1	11,078	11,820	12,843	20
Oconee	222	243	265	9.1	14,565	15,397	16,531	11	Jefferson	151	163	176	8.1	9,149	9,756	10,344	42
Oglethorpe	101	110	124	13.0	10,480	11,358	12,807	73	Jerome	156	157	170	8.4	10,664	10,784	11,760	34
Paulding	439	489	528	8.0	12,788	13,446	13,802	51	Kootenai	808	865	950	9.8	12,208	12,927	14,032	13
Peach	268	296	316	6.7	13,400	14,293	15,073	23	Latah	335	357	393	9.9	10,902	11,674	12,743	24
Pickens	184	200	208	3.9	13,255	13,938	14,192	40	Lemhi	74	81	87	7.4	10,836	11,777	12,859	17
Pierce	121	129	139	7.9	9,259	9,735	10,432	146	Lewis	54	58	64	10.4	15,028	16,187	18,048	4
Pike	113	122	124	2.2	12,388	12,990	13,202	67	Lincoln	40	44	51	15.3	12,701	13,645	15,989	7
Polk	382	404	416	2.8	11,266	11,823	12,162	93	Madison	191	206	231	12.5	8,506	9,080	9,997	43
Pulaski	98	105	113	8.5	11,200	12,161	13,386	62	Minidoka	196	211	228	7.8	9,774	10,515	11,384	38
Putnam	136	144	156	8.4	10,921	11,200	11,839	107	Nez Perce	436	471	509	8.2	13,035	14,092	15,052	10
Quitman	23	25	26	4.1	10,107	10,792	11,239	128	Oneida	38	40	40	5.1	11,003	11,244	11,198	40
Rabun	118	128	139	8.1	10,730	11,487	12,396	86	Owyhee	74	81	90	11.7	8,667	9,385	10,352	41
Randolph	80	86	91	5.6	8,812	9,549	10,222	151	Payette	163	175	189	8.3	10,052	10,894	11,701	35
Richmond	2,461	2,621	2,812	7.3	12,813	13,694	14,791	25	Power	98	105	116	12.6	14,330	15,106	16,941	6
Rockdale	809	889	946	6.4	16,278	17,135	17,388	7	Shoshone	148	166	181	9.5	9,808	11,317	12,858	18
Schley	40	40	43	7.5	11,075	11,404	12,115	96	Teton	35	34	40	17.3	10,989	10,806	12,520	28
Screen	141	152	161	6.5	9,132	9,983	10,543	144	Twin Falls	648	699	762	9.0	11,614	12,522	13,514	15
Seminole	95	103	108	5.6	10,943	11,850	12,685	78	Valley	79	86	94	9.3	11,732	12,589	13,682	14
Spalding	659	708	749	5.8	12,187	12,888	13,457	60	Washington	85	91	100	10.5	10,451	11,162	12,319	29
Stephens	258	279	300	7.6	11,228	11,976	12,786	74	Illinois	189,659	204,693	220,021	7.5	16,371	17,624	18,870	.....
Stewart	51	54	56	2.2	8,952	9,653	9,959	152	Metropolitan portion	163,523	176,992	189,820	7.2	17,118	18,462	19,700	.....
Sumner	340	367	388	5.8	11,389	12,380	13,260	66	Nonmetropolitan portion	26,136	27,702	30,201	9.0	12,860	13,659	14,922	.....
Talbot	65	69	74	7.4	9,388	9,790	10,349	148	Adams	920	1,004	1,077	7.2	13,615	14,856	16,041	35
Taliaferro	25	27	29	6.3	12,677	13,927	15,087	22	Alexander	107	113	123	8.3	9,193	9,838	10,694	99
Tattnall	191	208	225	8.6	10,517	11,341	12,316	89	Bond	200	215	230	6.9	12,306	13,307	14,152	79
Taylor	82	88	93	6.4	10,321	11,085	11,902	104	Boone	456	491	518	5.4	15,418	16,312	16,978	20
Telfair	107	115	123	7.1	9,681	10,497	11,402	121	Brown	72	80	120	13.0	13,402	14,201	16,140	29
Terrell	98	106	110	3.7	8,285	9,132	9,538	157	Bureau	527	551	587	6.7	14,268	14,957	16,057	34
Thomas	478	516	541	4.8	12,219	13,189	13,785	53	Calhoun	66	70	75	6.9	11,896	12,487	13,355	89
Tift	413	454	493	8.4	12,102	13,186	14,331	35	Carroll	231	245	260	6.0	13,120	13,999	14,928	58
Toombs	284	306	328	7.0	11,750	12,539	13,395	61	Cass	169	172	196	14.1	12,197	12,352	14,210	76
Towns	65	70	75	7.1	9,648	10,409	10,872	136	Champaign	2,436	2,604	2,777	6.7	14,212	15,311	16,063	33
Treutlen	53	56	59	5.9	8,568	9,047	9,557	156	Christian	490	507	558	10.1	13,741	14,258	15,713	43
Troup	677	728	810	11.2	12,731	13,586	15,215	19	Clark	195	202	232	14.7	11,975	12,379	14,234	75
Turner	90	97	99	2.5	9,454	10,239	10,559	143	Clay	173	185	206	11.5	11,596	12,425	13,915	84
Twiggs	95	101	103	1.9	9,730	10,419	10,854	137	Clinton	467	508	548	8.0	13,749	14,825	15,899	38
Union	112	122	130	6.8	10,198	10,675	11,182	129	Coles	643	686	751	9.5	12,354	13,130	14,361	72
Upson	301	315	336	6.7	11,103	11,600	12,316	89	Cook	90,581	97,646	103,965	6.5	17,092	18,478	19,658	5
Walker	646	689	733	6.5	11,221	11,821	12,509	82	Crawford	276	291	299	2.6	13,593	14,500	14,991	56
Walton	431	464	489	5.3	12,298	12,982	13,376	63	Cumberland	123	127	143	12.7	11,311	11,633	13,091	93
Ware	406	432	459	6.1	10,953	11,744	12,571	81	De Kalb	1,046	1,126	1,228	9.1	13,931	14,824	15,975	37
Warren	59	62	65	3.9	8,962	9,533	9,804	154	De Witt	229	239	279	16.7	13,111	13,646	15,984	36
Washington	227	250	271	8.4	11,792	12,918	14,088	44	Douglas	239	247	282	14.0	12,166	12,591	14,308	73
Wayne	240	254	277	8.8	10,829	11,391	12,395	87	Du Page	16,067	17,646	19,405	10.0	21,576	23,193	24,958	2
Webster	27	28	30	5.7	12,202	13,288	14,170	41	Edgar	256	270	302	11.6	12,345	13,149	14,781	64
Wheeler	46	48	51	5.9	9,133	9,638	10,339	150	Edwards	102	107	118	10.2	12,758	13,554	15,097	53
White	154	168	183	9.2	12,549	13,327	14,143	42	Effingham	431	469	531	13.2	13,389	14,391	16,113	30
Whitfield	1,043	1,127	1,195	6.0	14,989	15,980	16,876	8	Fayette	233	246	271	10.5	10,623	11,211	12,380	97
Wilcox	77	84	89	6.4	10,207	10,973	11,688	114	Ford	213	228	247	8.7	14,477	15,426	16,782	22
Wilkes	131	140	149	6.7	11,754	12,721	13,731	54	Franklin	492	520	553	6.4	11,559	12,379	13,241	91
Wilkinson	122	130	140	7.3	11,114	11,859	12,714	76	Fulton	457	489	531	8.7	11,868	12,697	13,874	86
Worth	186	204	213	4.6	9,988	10,828	11,305	124	Gallatin	86	88	101	15.0	11,643	12,194	14,242	74
Hawaii	16,798	18,412	20,477	11.2	15,525	16,765	18,379	.....	Greene	177	186	208	12.3	11,103	11,627	13,027	94
Metropolitan portion	13,486	14,713	16,251	10.5	16,268	17,548	19,171	.....	Grundy	519	555	590	6.4	16,148	17,073	17,897	11
Nonmetropolitan portion	3,312	3,699	4,227	14.3	13,092	14,240	15,858	.....	Hamilton	96	100	115	14.5	10,724	11,256	12,976	65
Hawaii	1,417	1,575	1,800	14.2	12,345	13,410	14,969	4	Hancock	286	296	328	10.9	12,420	12,970	14,467	69
Honolulu	13,486	14,713	16,251	10.5	16,268	17,548	19,171	1	Hardin	50	52	55	4.8	9,282	9,778	10,216	101
Kauai	612	693	790	14.0	12,776	14,051	15,585	3	Henderson	106	110	119	8.7	12,000	12,358	13,449	88
Maui + Kalawao	1,283	1,431	1,638	14.4	14,210	15,390	17,121	2	Henry	713	748	800	6.9	13,275	14,044	15,189	51
Idaho	11,841	12,750	13,953	9.4	11,843	12,715	13,760	.....	Iroquois	403	434	480	10.5	12,653	13,732	15,232	49
Metropolitan portion	2,932	3,218	3,538	10.0	14,840	16,035	17,194	.....	Jackson	675	722	779	7.8	11,251	12,115	13,152	92
Nonmetropolitan portion	8,910	9,533	10,415	9.3	11,106	11,884	12,886	.....	Jasper	138	147	168	14.0	12,284	13,084	14,887	61
Ada	2,932	3,218	3,538	10.0	14,840	16,035	17,194	5	Jefferson	506	542	584	7.7	13,432	14,494	15,726	42
Adams	39	42	46	10.3													

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Macon	1,797	1,931	2,051	6.2	14,404	15,614	16,767	23	Johnson	1,327	1,417	1,535	8.3	15,579	16,510	17,562	5
Macoupin	632	656	720	9.8	12,829	13,343	14,617	65	Knox	494	519	560	7.9	12,109	12,791	13,934	60
Madison	3,738	4,022	4,278	6.4	14,890	15,944	16,858	21	Kosciusko	927	1,006	1,099	9.3	14,370	15,376	16,553	13
Marion	533	563	609	8.2	12,262	13,008	14,126	81	Lagrange	322	343	375	9.1	11,306	11,883	12,736	81
Marshall	185	198	216	9.4	14,077	15,021	16,540	24	Lake	6,368	6,839	7,301	6.8	13,086	14,017	15,017	31
Mason	212	220	244	10.8	12,134	12,634	14,082	82	La Porte	1,466	1,568	1,678	7.0	13,918	14,854	15,905	19
Massac	160	172	188	9.5	10,745	11,461	12,491	96	Lawrence	526	561	601	7.1	12,352	13,060	13,910	61
Menard	163	169	183	8.3	13,952	14,419	15,568	45	Madison	1,741	1,895	2,048	8.1	13,173	14,372	15,558	22
Mercer	235	245	265	8.2	12,890	13,413	14,608	66	Marion	12,281	13,180	14,143	7.3	15,588	16,643	17,730	3
Monroe	360	388	426	9.8	16,522	17,453	18,742	7	Marshall	547	618	712	7.2	13,223	13,802	14,698	43
Montgomery	394	418	462	10.4	12,358	13,099	14,446	70	Martin	115	119	128	7.8	10,177	10,541	11,249	90
Morgan	521	551	605	9.7	13,951	14,802	16,231	27	Miami	464	475	506	6.5	12,247	12,644	13,486	70
Moultrie	188	194	215	10.7	13,029	13,437	14,872	62	Monroe	1,243	1,325	1,444	8.1	12,133	12,959	13,905	63
Ogle	647	694	750	8.2	14,137	15,027	16,197	28	Montgomery	484	519	572	10.1	13,629	14,639	16,111	18
Peoria	2,730	2,960	3,192	7.8	14,997	16,208	17,602	13	Morgan	712	761	818	7.5	13,005	13,854	14,822	36
Perry	280	289	313	8.5	12,766	13,322	14,521	68	Newton	178	183	195	6.5	12,949	13,244	14,138	54
Piatt	241	248	278	12.3	14,961	15,324	17,224	16	Noble	468	501	549	9.6	12,171	12,974	13,975	58
Pike	215	218	251	15.2	12,089	12,203	14,135	80	Nova	60	64	68	5.9	10,964	11,615	12,190	83
Pope	38	40	45	13.2	8,982	9,352	10,645	100	Orange	210	216	230	6.9	10,902	11,178	11,912	86
Pulaski	76	82	96	18.0	8,954	9,642	11,426	98	Owen	184	195	214	9.8	10,333	10,995	11,777	87
Putnam	87	94	103	10.1	14,970	16,326	18,205	10	Parke	189	198	212	7.1	12,092	12,654	13,640	67
Randolph	429	459	506	10.1	12,113	12,909	14,173	77	Perry	217	229	243	5.9	11,473	12,141	12,890	78
Richland	212	223	246	10.7	12,356	13,182	14,889	60	Pike	161	169	177	4.7	12,403	13,114	13,807	64
Rock Island	2,203	2,329	2,494	7.1	14,012	14,971	16,247	25	Porter	1,791	1,933	2,079	7.5	14,600	15,551	16,618	12
St. Clair	3,627	3,864	4,085	5.7	13,397	14,331	15,097	53	Posey	348	366	391	6.8	13,245	13,925	14,830	34
Saline	358	387	416	7.5	12,691	13,864	14,989	57	Pulaski	174	180	200	11.4	13,135	13,519	15,053	29
Sangamon	2,915	3,123	3,301	5.7	16,313	17,348	18,268	9	Putnam	375	381	413	8.3	12,437	12,634	13,610	68
Schuyler	89	95	108	13.8	11,491	12,181	13,904	85	Randolph	327	336	358	6.5	11,671	12,163	13,020	76
Scott	77	81	93	14.5	12,882	13,324	15,193	50	Ripley	317	340	373	9.7	12,597	13,436	14,692	44
Shelby	298	313	354	13.0	12,652	13,239	14,917	59	Rush	232	242	263	8.8	12,584	13,133	14,369	51
Stark	98	98	113	15.6	14,544	14,714	17,202	17	St. Joseph	3,594	3,830	4,067	6.2	14,785	15,680	16,545	14
Stephenson	743	796	853	7.2	15,069	16,135	17,292	15	Scott	215	231	243	8.2	10,231	11,016	11,478	89
Tazewell	1,797	1,959	2,127	8.6	14,466	15,698	17,092	18	Shelby	550	580	629	8.4	13,673	14,418	15,509	23
Union	207	222	243	9.2	11,468	12,346	13,476	87	Spencer	234	249	274	10.2	11,629	12,318	13,537	69
Vermilion	1,162	1,215	1,298	6.8	12,704	13,415	14,390	71	Sterken	230	248	265	7.0	10,462	11,141	11,699	88
Wabash	187	199	217	9.2	13,549	14,355	15,730	41	Sullivan	401	437	468	7.1	14,534	15,551	16,136	17
Warren	260	274	290	5.5	12,841	13,645	14,550	67	Switzerland	245	255	279	9.1	12,082	12,669	13,909	62
Washington	213	230	268	16.6	13,859	14,753	17,058	19	Tipton	69	72	78	8.1	9,283	9,787	10,506	92
Wayne	227	241	266	10.5	12,673	13,580	15,150	52	Tippecanoe	1,647	1,772	1,936	9.2	13,228	14,133	15,366	24
White	222	238	263	10.4	12,618	13,807	15,431	46	Union	84	88	94	7.5	12,316	12,736	13,723	65
Whiteside	869	912	956	4.9	13,907	14,586	15,353	47	Vanderburgh	2,476	2,637	2,799	6.1	14,873	15,853	16,840	11
Will	5,326	5,831	6,252	7.2	15,597	16,819	17,788	12	Vermilion	205	215	231	7.4	11,741	12,278	13,219	74
Williamson	727	777	819	5.5	12,444	13,345	14,037	83	Vigo	1,341	1,399	1,515	8.3	12,395	13,017	14,177	53
Winnebago	3,856	4,175	4,440	6.4	15,337	16,561	17,560	14	Wabash	458	476	519	8.9	12,876	13,376	14,457	50
Woodford	455	488	532	9.0	13,989	14,816	16,081	32	Warren	104	107	116	8.1	12,497	12,818	13,946	59
Indiana	76,907	82,239	88,499	7.6	13,908	14,801	15,830	.....	Warrick	673	719	764	6.3	14,690	15,507	16,283	16
Metropolitan portion	54,623	58,660	62,998	7.4	14,521	15,503	16,535	.....	Washington	244	260	285	9.3	10,667	11,229	12,076	84
Nonmetropolitan portion	22,284	23,579	25,501	8.1	12,604	13,301	14,323	.....	Wayne	929	987	1,056	7.0	12,852	13,651	14,620	47
Adams	379	404	439	8.7	12,203	12,835	13,719	66	Wells	347	369	402	8.9	13,296	14,007	14,810	37
Allen	4,701	5,090	5,471	7.5	15,559	16,748	17,711	4	White	295	312	353	13.1	12,517	13,179	14,807	38
Bartholomew	928	978	1,033	5.6	14,371	15,093	15,891	20	Whitley	372	396	435	9.7	13,528	14,215	15,311	25
Benton	134	129	145	12.6	13,706	13,200	14,880	33	Iowa	39,149	41,018	44,537	8.6	13,868	14,474	15,664	.....
Blackford	179	189	206	8.9	12,238	13,025	14,312	52	Metropolitan portion	17,962	19,172	20,741	8.2	14,737	15,581	16,697	.....
Boone	681	727	788	8.3	17,677	18,664	20,025	2	Nonmetropolitan portion	21,187	21,846	23,796	8.9	13,207	13,625	14,862	.....
Brown	151	159	172	8.0	11,579	12,086	12,828	80	Adair	109	112	123	9.9	12,763	13,125	14,586	59
Carroll	266	274	297	8.4	13,879	14,145	15,232	26	Adams	70	65	74	13.1	12,953	12,454	14,138	73
Cass	528	557	599	7.6	13,125	13,963	15,002	32	Allamakee	173	176	192	9.5	11,585	11,769	12,869	94
Clark	1,151	1,234	1,298	5.2	12,976	13,848	14,529	48	Appanoose	165	171	187	9.1	11,507	12,004	13,064	91
Clay	292	307	335	9.2	11,649	12,220	13,242	73	Audubon	100	95	104	9.6	13,036	12,498	13,911	78
Clinton	418	441	483	9.4	13,187	13,865	15,040	30	Benton	310	308	342	11.1	13,737	13,535	14,961	47
Crawford	98	103	110	6.6	9,617	10,136	10,806	91	Black Hawk	1,630	1,745	1,891	8.4	13,052	14,019	15,335	38
Daviess	322	341	373	9.4	11,171	11,792	12,864	79	Boone	342	348	377	8.3	13,470	13,679	14,761	53
Dearborn	492	528	560	6.0	13,112	13,860	14,458	49	Bremer	304	315	342	8.7	12,995	13,515	14,782	51
Decatur	309	330	359	8.9	12,857	13,670	14,750	41	Buchanan	258	259	282	8.9	11,924	11,896	12,981	93
De Kalb	461	497	535	7.6	13,182	13,976	14,702	42	Buena Vista	279	291	320	10.2	13,834	14,430	15,896	25
Delaware	1,554	1,660	1,768	6.6	12,890	13,818	14,770	40	Butler	199	208	228	9.6	12,200	12,792	14,122	74
Dubois	554	591	648	9.7	15,284	16,107	17,470	6	Calhoun	164	166	188	13.2	13,550	13,765	15,667	30
Elkhart	2,201	2,370	2,524	6.5	14,760	15,677	16,442	15	Carroll	313	330	359	8.7	14,065	14,763	16,025	19
Fayette	335	355	379	6.6	12,101	13,068	13,981	57	Cass	218	227	252	10.9	13,965	14,626	16,425	12
Floyd	892	962	1,029	6.9	13,975	14,892	15,732	21	Cedar	252	263						

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1988-89	1987	1988			1989	1989	1987		1988	1989	1988-89	
Emmet	148	152	168	10.1	12,800	13,092	14,590	58	Crawford	465	497	530	6.8	12,417	13,373	14,372	68
Fayette	272	267	293	9.6	11,911	11,822	13,149	88	Decatur	87	83	87	3.9	20,758	20,135	21,502	5
Floyd	228	234	255	8.9	12,517	12,919	14,187	71	Dickinson	268	274	285	4.0	13,395	13,650	14,154	73
Franklin	157	163	179	10.0	13,144	13,752	15,306	41	Doniphan	98	101	105	4.6	10,834	11,126	11,677	105
Fremont	128	131	144	10.4	14,332	14,943	16,511	9	Douglas	919	999	1,087	8.8	12,273	13,055	13,886	82
Greene	158	153	170	11.3	14,593	14,362	16,236	15	Edwards	73	79	68	-13.2	18,694	20,243	17,831	14
Grundy	190	191	205	7.6	14,822	15,044	16,423	13	Elk	44	45	51	12.7	12,258	12,835	14,696	62
Guthrie	146	153	164	7.2	13,203	13,872	14,953	48	Ellis	347	363	386	6.5	12,955	13,699	14,863	52
Hamilton	266	271	292	7.4	15,683	16,029	17,178	5	Ellsworth	82	84	90	7.5	13,144	13,606	14,764	61
Hancock	173	178	198	11.2	13,075	13,358	14,864	49	Finney	424	448	470	5.0	13,928	14,506	15,056	44
Hardin	287	285	302	6.1	14,262	14,378	15,502	33	Ford	399	428	439	2.6	15,180	16,499	16,989	23
Hardy	185	192	216	12.2	11,695	12,071	13,439	86	Franklin	278	293	312	6.5	12,463	13,020	13,820	83
Henry	263	279	308	10.0	13,902	14,852	16,115	16	Geary	312	326	347	6.4	10,380	11,189	12,164	102
Howard	137	137	149	8.5	12,971	13,072	14,237	14	Gove	54	53	60	12.7	15,724	15,559	17,915	12
Humboldt	151	161	183	13.7	13,305	14,706	15,915	24	Graham	51	51	52	2.3	13,591	14,002	14,912	50
Ida	117	123	131	6.1	13,642	14,388	15,328	39	Grant	117	135	136	.5	17,249	19,567	19,564	8
Iowa	209	214	226	5.3	14,156	14,591	15,408	36	Gray	80	91	82	-9.7	14,775	16,599	14,863	52
Jackson	255	268	292	9.1	11,729	12,339	13,475	85	Greene	30	34	41	21.4	16,767	19,320	23,620	1
Jasper	528	542	582	7.4	14,711	14,957	15,866	26	Greenwood	105	111	115	3.3	13,000	14,057	14,858	54
Jefferson	215	226	240	6.5	12,981	13,503	14,205	70	Hamilton	52	59	50	-15.7	21,528	25,166	21,727	4
Johnson	1,327	1,430	1,572	9.9	15,501	16,493	17,890	3	Harper	110	116	122	4.6	14,808	15,848	16,855	26
Jones	232	235	254	8.2	11,797	11,873	12,831	95	Harvey	414	437	458	4.8	13,482	14,181	14,870	51
Keokuk	169	164	175	6.7	14,078	13,681	14,692	55	Haskell	75	84	70	-16.2	19,413	21,761	18,274	11
Kossuth	263	267	299	11.9	13,280	13,575	15,386	37	Hodgeman	35	37	31	-15.2	15,610	16,436	14,070	77
Lee	513	529	574	8.4	12,640	13,116	14,232	67	Jackson	144	152	161	6.0	12,276	12,876	13,631	87
Linn	2,579	2,765	2,980	7.8	15,243	16,122	17,143	6	Jefferson	208	218	233	6.8	12,589	12,908	13,515	90
Louisia	154	163	178	8.9	12,873	13,592	14,679	56	Jewell	61	58	58	.4	13,072	13,192	13,647	85
Lucas	121	124	135	9.1	12,626	13,053	14,350	63	Johnson	7,178	7,778	8,397	8.0	21,643	22,503	23,346	3
Lyon	153	153	168	10.1	12,507	12,515	13,814	79	Kearny	64	73	70	-4.2	16,124	18,098	17,031	20
Madison	164	170	185	9.0	13,134	13,482	14,497	62	Kingman	112	115	117	1.6	12,725	13,004	13,297	95
Mahaska	284	288	305	6.0	12,768	12,863	13,529	84	Kiowa	60	65	65	-3.4	15,812	17,897	17,744	15
Marion	441	460	494	7.3	14,766	15,228	16,108	17	Labette	321	343	354	3.4	12,554	13,631	14,182	72
Marshall	566	580	624	7.8	14,305	14,706	15,915	24	Lane	33	36	41	13.5	13,439	14,838	16,954	24
Mills	182	187	203	8.6	13,754	13,948	15,043	45	Leavenworth	774	814	875	7.5	11,957	12,241	12,674	99
Mitchell	154	159	179	12.6	13,374	13,887	15,651	31	Lincoln	48	49	49	1.3	13,330	13,713	14,191	71
Monona	135	138	153	10.4	12,859	13,288	14,789	50	Linn	102	106	111	4.3	12,444	12,846	13,383	93
Monroe	102	105	113	8.1	12,121	12,510	13,603	81	Logan	46	43	49	15.5	14,563	13,822	16,357	31
Montgomery	169	176	193	9.8	13,858	14,349	15,939	22	Lyon	453	474	507	7.0	12,948	13,634	14,769	60
Muscatine	606	634	684	7.8	14,831	15,420	16,508	10	McPherson	406	420	442	5.3	14,910	15,520	16,469	29
O'Brien	212	224	245	9.3	13,574	14,389	15,862	27	Marion	167	172	181	5.3	13,072	13,511	14,430	67
Osceola	95	103	117	13.8	12,290	13,515	15,522	32	Marshall	167	170	180	6.0	13,474	13,865	14,849	55
Page	218	227	255	12.2	12,655	13,257	15,031	46	Meade	66	70	68	-3.0	14,990	15,836	15,653	39
Palo Alto	153	155	174	12.3	13,733	13,941	15,971	20	Miami	308	321	342	6.4	13,265	13,453	14,064	78
Plymouth	319	311	350	12.3	13,303	12,909	14,348	64	Mitchell	103	103	101	-1.2	13,730	13,993	14,010	80
Pocahontas	143	147	167	13.6	13,712	14,270	16,482	11	Montgomery	491	519	555	6.9	11,928	12,693	13,642	86
Polk	5,256	5,689	6,187	8.8	16,488	17,520	18,679	1	Morris	75	78	82	4.9	11,744	12,136	12,663	101
Pottawattamie	1,135	1,199	1,287	7.3	12,953	13,625	14,509	61	Morton	52	54	55	.7	14,900	15,712	15,928	37
Poweshiek	275	284	303	6.6	14,705	15,084	15,949	21	Nemaha	145	151	159	5.2	13,352	13,965	14,771	59
Ringgold	68	67	71	5.6	12,732	12,450	13,335	87	Neosho	221	233	251	7.4	12,071	12,886	14,152	74
Sac	167	181	197	8.4	13,202	14,421	15,741	29	Ness	78	74	75	1.5	18,167	17,751	18,579	10
Scott	2,324	2,444	2,634	7.8	14,963	15,731	16,930	7	Norton	85	87	88	1.1	13,693	14,137	14,485	66
Shelby	186	189	199	5.0	13,098	13,404	14,163	72	Osage	198	205	217	6.0	12,378	12,748	13,387	92
Stout	345	370	424	14.5	11,476	12,247	13,996	76	Osborne	73	73	74	1.3	13,713	14,137	14,603	64
Story	959	1,003	1,088	8.4	13,443	13,941	15,062	44	Ottawa	80	80	70	-11.9	13,546	13,696	12,033	104
Tama	242	246	268	9.2	13,127	13,361	14,665	57	Palmer	122	125	125	.6	16,043	16,581	17,007	22
Taylor	91	95	94	11.2	12,052	11,351	12,813	96	Phillips	100	101	104	2.8	14,372	14,684	15,253	43
Union	163	168	182	8.0	12,463	13,035	14,088	75	Pottawattamie	207	210	227	5.2	12,782	13,203	13,723	84
Van Buren	91	90	95	5.6	11,170	10,940	11,503	98	Pratt	151	165	161	-2.2	14,496	16,154	16,191	34
Wapello	440	464	505	8.8	11,864	12,662	13,934	77	Rawlins	56	52	54	3.2	15,094	14,224	14,937	48
Warren	477	508	550	8.3	13,126	13,830	14,712	54	Reno	863	921	957	3.9	13,261	14,240	14,829	56
Washington	272	270	289	7.1	13,614	13,442	14,283	65	Republic	100	103	102	-.8	14,281	14,908	15,022	45
Wayne	90	87	96	9.3	12,351	12,346	13,701	80	Rice	150	153	154	.7	13,540	14,074	14,363	69
Webster	555	575	627	9.1	13,267	13,782	15,105	43	Riley	743	792	845	6.7	11,858	12,621	13,583	89
Winnebago	183	200	214	7.1	14,742	16,060	17,253	4	Rooks	82	84	84	.1	12,787	13,565	14,057	79
Winneshiek	254	269	298	10.5	11,648	12,306	13,548	82	Rush	59	56	59	5.1	14,814	14,712	16,135	35
Woodbury	1,356	1,424	1,532	7.6	13,925	14,454	15,479	34	Russell	129	128	131	1.9	15,727	16,129	17,062	19
Worth	115	119	136	14.2	13,503	13,862	15,924	23	Saline	750	798	850	6.6	14,995	15,950	17,017	21
Wright	223	235	262	11.5	15,112	15,972	18,048	2	Scott	95	90	91	1.4	16,963	16,498	17,091	18
Kansas	37,046	39,178	41,511	6.0	14,966	15,699	16,526		Sedgwick	6,337	6,747	7,215	6.9	16,065	16,780	17,727	16
Metropolitan portion	21,324	22,738	24,377	7.2	16,342	17,055	17,937		Seward	274	281	290	3.2	14,661	15,200	15,752	38
Nonmetropolitan portion	15,722	16,440	17,134	4.2	13,433	14,143	14,862		Shawnee	2,607	2,771	2,977	7.4	16,055	16,816	17,886	13
Allen	180	185	201	8.1	11,758	12,356	13,616	88	Sheridan	46	47	46	-2.8	14,148	14,837	14,781	58
Anderson	104	104	113	9.1													

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Kentucky	44,589	47,934	51,513	7.5	11,978	12,864	13,823		Monroe	117	122	131	7.7	9,596	10,137	10,973	77
Metropolitan portion	24,334	26,179	28,136	7.5	14,202	15,246	16,309		Montgomery	204	219	233	6.3	10,019	10,720	11,403	64
Nonmetropolitan portion	20,255	21,755	23,376	7.5	10,081	10,829	11,679		Morgan	85	91	98	7.7	7,246	7,800	8,492	107
Adair	146	157	168	6.9	9,393	10,135	10,931	79	Muhlenberg	326	339	357	5.1	10,560	11,060	11,783	59
Allen	148	156	165	5.8	10,219	10,928	11,661	61	Nelson	340	363	393	8.3	11,583	12,226	13,180	34
Anderson	170	184	198	7.5	12,297	13,111	13,911	24	Nicholas	68	76	83	8.8	9,285	10,454	11,320	66
Ballard	95	103	115	11.6	11,706	12,881	14,515	58	Ohio	204	214	227	6.4	9,675	10,283	11,084	73
Barren	362	389	418	7.6	10,395	11,243	12,063	54	Oldham	477	515	559	8.7	13,989	14,644	15,060	14
Bath	84	92	101	9.3	8,300	9,133	10,006	89	Owen	80	90	99	9.7	8,593	9,573	10,494	83
Bell	281	300	315	5.2	8,365	9,053	9,638	94	Owsley	36	38	40	5.4	6,464	6,904	7,334	117
Boone	766	864	955	10.5	14,107	15,468	16,609	5	Pendleton	116	125	139	10.5	10,326	11,079	12,109	51
Bourbon	249	262	277	5.8	12,767	13,485	14,232	21	Perry	333	343	363	5.7	9,753	10,076	10,734	82
Boyd	679	732	803	9.7	12,907	13,968	15,442	12	Pike	777	817	863	5.6	9,646	10,249	10,969	78
Boyle	305	324	346	6.8	11,713	12,404	13,118	35	Powell	95	103	111	8.5	7,881	8,394	9,042	103
Bracken	68	81	85	5.6	8,963	10,600	11,183	71	Pulaski	503	554	592	7.0	10,672	11,588	12,465	47
Breathitt	138	145	155	6.6	8,497	8,990	9,653	93	Robertson	16	19	21	10.8	7,577	8,575	9,601	95
Breckinridge	169	178	191	7.0	9,853	10,456	11,164	72	Rockcastle	118	131	142	8.0	8,052	8,999	9,719	91
Bullitt	517	568	608	7.0	11,045	11,872	12,513	46	Rowan	167	181	195	7.5	8,786	9,534	10,289	87
Butler	93	108	124	14.4	8,447	9,791	11,259	67	Russell	135	154	173	12.3	9,125	10,175	11,400	65
Caldwell	141	147	156	5.5	10,579	11,198	11,873	57	Scott	295	337	380	13.0	13,153	14,787	16,508	6
Calloway	353	381	413	8.2	11,573	12,382	13,112	36	Shelby	318	352	382	8.3	12,869	14,100	15,059	15
Campbell	1,098	1,183	1,264	6.8	13,346	14,340	15,277	13	Simpson	173	185	195	5.1	11,739	12,642	13,419	32
Carlisle	56	59	64	10.1	11,263	12,125	13,566	29	Spencer	64	70	79	13.0	9,989	10,752	11,929	56
Carroll	107	116	126	8.6	11,198	11,887	12,875	40	Taylor	230	247	265	7.3	10,474	11,227	12,043	55
Carter	203	215	230	6.7	8,100	8,590	9,254	99	Todd	102	111	122	9.1	9,230	10,175	11,061	75
Casey	115	124	135	8.4	7,912	8,590	9,435	97	Trigg	115	122	132	8.8	11,992	12,633	13,776	27
Christian	681	709	754	6.3	10,827	11,464	12,331	49	Trimble	61	73	84	14.3	9,777	11,813	13,511	30
Clark	377	397	401	1.1	12,806	13,407	13,466	31	Union	221	224	239	6.8	12,917	13,214	14,348	19
Clay	174	169	181	6.9	7,501	7,311	7,869	114	Warren	904	966	1,045	8.2	11,169	12,009	13,076	37
Clinton	68	73	76	4.5	7,025	7,612	8,023	112	Washington	107	117	127	8.5	10,259	11,201	12,087	53
Crittenden	85	89	98	9.9	9,870	10,328	11,514	62	Wayne	132	143	157	9.5	7,451	8,068	8,819	105
Cumberland	56	60	64	6.6	7,817	8,364	9,061	102	Webster	176	202	220	9.0	12,554	14,535	16,209	7
Daviess	1,117	1,188	1,262	9.1	12,722	13,538	14,769	17	Whitley	331	356	384	7.9	9,415	10,080	10,898	80
Edmonson	65	71	76	6.6	6,347	7,194	8,011	113	Wolfe	51	53	55	4.8	7,489	7,760	8,253	108
Elliott	42	45	48	6.9	6,276	6,696	7,181	118	Woodford	390	415	443	6.8	20,229	20,856	21,819	1
Elliott	123	130	138	6.6	8,214	8,710	9,320	98	Louisiana	50,886	54,006	56,636	4.9	11,440	12,252	12,923	
Fayette	3,451	3,692	4,009	8.6	15,395	16,362	17,401	3	Metropolitan portion	38,448	40,718	42,929	5.4	12,152	13,352	14,150	
Fleming	114	126	135	7.7	9,368	10,236	11,070	74	Nonmetropolitan portion	12,437	13,288	13,708	3.2	9,045	9,783	10,163	
Floyd	449	468	500	6.7	9,133	9,592	10,372	85	Acadia	507	562	575	2.3	8,610	9,706	10,028	40
Franklin	609	659	702	6.4	13,711	14,785	15,649	10	Allen	171	183	191	4.4	7,607	8,239	8,498	57
Fulton	98	104	113	9.0	12,568	13,432	14,880	16	Ascension	608	675	720	6.7	10,357	11,502	12,224	16
Gallatin	54	58	67	15.7	10,617	11,115	12,560	44	Assumption	207	217	237	9.1	9,033	9,568	10,561	30
Garrard	122	135	148	10.1	10,700	11,648	12,833	42	Avoyelles	323	348	354	1.8	7,528	8,226	8,442	59
Grant	154	171	185	8.3	10,884	11,711	12,528	45	Beauregard	324	343	343	-1	9,831	10,607	10,637	26
Graves	405	435	468	7.5	12,025	12,949	13,825	26	Bienville	162	169	175	4.0	9,616	10,144	10,593	29
Grayson	191	205	218	6.5	8,692	9,214	9,708	92	Caddo	1,042	1,081	1,117	3.3	11,372	11,955	12,362	15
Green	101	106	119	12.1	9,338	9,964	11,233	68	Calcasieu	3,485	3,632	3,803	4.7	12,831	13,515	14,211	7
Greenup	443	479	485	1.4	11,805	12,741	12,988	38	Caldwell	2,029	2,144	2,267	5.8	11,778	12,438	13,202	9
Hancock	96	103	110	6.9	12,087	13,057	14,060	22	Cameron	97	103	103	-5	8,496	9,139	9,123	50
Hardin	997	1,060	1,123	5.9	11,808	12,272	13,277	33	Catahoula	99	110	113	2.9	10,432	11,829	12,426	14
Harlan	343	373	397	6.5	8,657	9,507	10,385	84	Claiborne	92	113	100	-11.0	7,393	9,307	8,428	60
Harrison	171	186	205	10.4	10,676	11,697	12,860	41	Concordia	172	182	187	2.7	9,295	9,974	10,270	35
Hart	131	146	158	8.2	8,874	9,878	11,055	76	De Soto	209	231	225	-2.5	9,186	10,277	10,195	37
Henderson	566	611	659	7.9	13,431	14,457	15,623	11	East Baton Rouge	259	275	278	1.0	9,457	10,211	10,404	33
Henry	141	153	162	6.1	10,488	11,415	12,102	52	East Feliciana	5,354	5,780	6,197	7.2	13,853	15,040	16,236	1
Hickman	59	64	72	12.3	10,848	12,018	13,851	25	East Folsom	99	108	94	-12.9	8,862	9,923	8,748	56
Hopkins	643	685	728	6.4	13,852	14,816	15,812	9	East Feliciana	193	203	208	2.1	9,455	9,981	10,196	36
Jackson	83	87	94	7.8	6,663	6,947	7,479	116	Evangeline	295	323	334	3.5	8,539	9,438	9,868	43
Jefferson	10,426	11,972	11,972	7.1	15,339	16,537	17,783	2	Franklin	177	190	196	3.2	7,331	7,987	8,306	61
Jessamine	365	400	427	6.9	12,251	13,064	13,651	28	Grant	146	157	166	5.9	7,971	8,567	9,039	53
Johnson	230	244	261	7.1	9,320	9,957	10,840	81	Iberia	675	720	775	7.5	9,983	10,847	11,787	20
Kenton	1,917	2,085	2,234	7.1	13,796	14,877	15,816	8	Iberville	321	345	361	4.8	9,544	10,369	10,888	25
Knott	135	147	146	-4	7,449	8,181	8,216	109	Jackson	169	171	177	3.5	9,480	9,779	10,175	38
Knox	240	257	274	6.7	8,002	8,587	9,195	100	Jefferson	6,517	6,807	7,146	5.0	13,756	14,441	15,235	3
Larue	129	138	150	8.1	10,743	11,555	12,640	43	Jefferson Davis	296	323	323	-1	9,033	9,987	10,077	39
Laurel																	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
St. Martin	363	404	429	6.2	8,015	8,983	9,585	46	Alpena	369	401	429	7.0	11,713	12,745	13,574	42
St. Mary	590	625	675	8.0	9,610	10,397	11,509	22	Aurum	210	223	249	11.6	12,206	12,637	13,911	36
St. Tammany	1,990	2,128	2,261	6.3	13,387	14,142	14,702	5	Arenac	169	181	194	7.3	10,916	11,426	12,064	65
Tangipahoa	844	882	929	5.4	9,269	9,752	10,300	34	Baraga	85	90	97	8.1	10,351	10,888	11,761	67
Tensas	75	83	72	-13.0	9,188	10,307	9,113	52	Barry	663	701	759	8.3	13,549	14,118	15,028	25
Terrebonne	1,023	1,081	1,127	4.3	10,415	11,026	11,641	21	Bay	1,562	1,659	1,762	6.3	13,443	14,359	15,268	24
Union	209	227	235	4.0	9,217	10,025	10,421	32	Benzie	135	144	155	7.8	11,786	12,412	13,236	49
Vermilion	487	523	550	5.3	9,203	10,013	10,612	27	Berrien	2,229	2,353	2,507	6.5	13,440	14,130	14,966	27
Vernon	531	551	562	1.9	8,807	9,148	9,328	48	Branch	471	494	540	9.3	11,679	12,135	13,084	52
Washington	425	453	464	2.5	8,937	9,594	9,852	44	Calhoun	1,845	1,969	2,096	6.5	13,294	14,147	14,981	26
Webster	475	503	519	3.3	10,398	11,066	11,461	23	Cass	655	692	744	7.5	13,398	13,985	14,938	30
West Baton Rouge	211	227	245	7.8	10,217	10,975	11,869	19	Charlevoix	256	282	309	9.6	12,371	13,262	14,204	34
West Carroll	100	103	102	-5	7,737	7,975	7,998	62	Chippewa	229	244	263	7.6	10,962	11,398	12,144	63
West Feliciana	106	115	114	-1.2	7,914	8,536	8,451	58	Chippewyan	299	322	349	8.4	10,125	10,682	11,469	71
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Clare	252	270	291	7.7	9,779	10,239	10,828	78
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Clinton	749	799	849	6.3	13,112	13,776	14,439	32
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Crawford	101	109	120	9.5	9,704	10,131	10,848	77
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Delta	453	472	511	8.4	11,786	12,286	13,272	46
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Dickinson	362	397	435	9.4	13,845	15,177	16,638	14
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Eaton	1,320	1,429	1,529	6.9	14,275	15,201	16,004	19
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Emmet	344	379	419	10.6	14,223	15,311	16,717	13
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Genesee	6,369	6,582	6,993	6.2	14,669	15,280	16,315	15
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Gladwin	224	241	261	8.4	10,023	10,573	11,259	73
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Goebic	198	212	224	5.6	10,761	11,675	12,494	57
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Grand Traverse	907	940	1,008	7.3	14,805	14,852	15,514	23
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Graff	476	502	531	5.8	12,111	12,715	13,438	44
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Hillsdale	522	556	596	7.2	12,167	12,828	13,613	41
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Houghton	377	405	432	6.8	10,495	11,319	12,238	62
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Huron	514	533	576	7.9	14,030	14,569	15,721	20
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Ingham	4,190	4,459	4,808	7.8	15,197	16,137	17,357	8
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Ionia	599	635	673	5.9	10,845	11,300	11,748	68
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Iosco	333	351	381	8.6	11,012	11,526	12,485	58
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Iron	155	164	181	10.5	11,341	12,108	13,507	43
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Isabella	634	678	739	9.0	11,836	12,544	13,631	39
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Jackson	2,021	2,117	2,261	6.8	13,616	14,168	14,950	29
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Kalamazoo	3,370	3,620	3,895	7.6	15,601	16,612	17,807	7
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Kalkaska	118	128	137	6.8	9,644	10,174	10,615	79
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Kent	7,505	8,146	8,803	8.1	15,741	16,809	17,981	6
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Keweenaw	18	19	21	6.1	9,459	9,657	10,352	83
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Lake	77	82	90	8.7	8,901	9,211	9,836	83
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Lapeer	1,002	1,093	1,193	9.2	13,686	14,661	15,887	21
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Leelanau	229	241	265	9.9	14,952	15,491	16,732	12
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Lenawee	1,258	1,353	1,434	6.0	13,977	14,873	15,649	22
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Livingston	1,877	2,094	2,292	9.5	17,109	18,451	19,555	4
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Luce	82	92	98	6.6	14,019	15,763	16,816	11
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Mackinac	119	126	137	8.9	11,416	11,949	12,886	54
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Maconacomb	12,345	13,184	14,188	7.6	17,487	18,652	19,984	3
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Manistee	261	275	296	7.8	11,755	12,274	13,227	50
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Marquette	824	886	930	5.0	11,746	12,648	13,394	45
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Mason	297	320	347	8.3	11,421	12,172	13,185	51
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Mecosta	370	397	434	9.4	9,744	10,361	11,266	72
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Menominee	283	299	323	7.9	10,904	11,566	12,499	56
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Midland	1,211	1,308	1,394	6.6	16,377	17,403	18,358	5
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Missaukee	110	120	131	8.6	9,671	10,397	11,075	74
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Monroe	1,922	2,069	2,220	7.3	14,178	15,163	16,076	17
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Montcalm	600	635	692	8.9	11,533	11,872	12,714	55
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Montmorency	87	91	101	10.6	10,592	10,858	11,765	67
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Muskegon	2,007	2,117	2,258	6.6	12,566	13,125	13,895	37
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Newaygo	432	462	499	7.9	11,167	11,701	12,359	60
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Oakland	23,708	25,533	27,671	8.4	22,695	24,260	26,052	1
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Oceana	263	285	314	10.0	11,554	12,185	13,272	48
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Ogemaw	176	185	201	8.5	9,812	9,889	10,495	81
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Ontonagon	101	109	120	9.5	10,987	12,084	13,288	47
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Osceola	197	210	224	6.7	9,526	9,990	10,543	80
Winn	140	150	153	2.1	8,176	8,892	9,118	51	Oscoda	69	75	82	9.7	9,613	10,062	10,854	76

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Table with columns for Area name, Total personal income (Millions of dollars, Percent change), and Per capita personal income (Dollars, Rank in State) for years 1987, 1988, 1989, and 1988-89. Rows list counties such as Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kaituma, Koochiching, Lac Qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahanomen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, Mississippi, Metropolitan portion, Nonmetropolitan portion, Adams, Alcorn, Amite, Attala, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Choctaw, Claiborne, Clarke, Clay, Coahoma, Copiah, Covington, De Soto, Forrest, Franklin, George, Greene, Grenada, Hancock, Harrison, Hinds, Holmes, Humphreys, Issaquena, Itawamba, Jackson, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lafayette, Lamar, Lauderdale, Lawrence, Leake, Lee, Leflore, Lincoln, Lowndes, Madison, Marion, Marshall, Monroe, Montgomery, Neshoba, Newton, Noxubee, Oktibbeha, Panola, Pearl River, Perry, Pike, Pontotoc, Prentiss, Quitman, Rankin, Scott, Sharkey, Simpson, Smith, Stone, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Waithall, Warren, Washington, Wayne, Webster, Wilkinson, Winston, Yalobusha, and Yazoo.

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Missouri	74,561	79,476	84,864	6.8	14,598	15,459	16,447		Putnam	58	58	64	9.5	10,698	10,741	11,932	83
Metropolitan portion	55,041	58,714	62,656	6.7	16,321	17,291	18,357		Ralls	106	113	120	5.4	11,926	12,702	13,445	47
Nonmetropolitan portion	19,520	20,761	22,208	7.0	11,250	11,894	12,714		Randolph	285	301	320	6.3	10,890	11,595	12,428	77
Adair	268	284	310	8.9	11,334	12,144	13,460	46	Ray	291	313	330	5.3	13,066	13,887	14,540	20
Andrew	180	189	201	6.3	12,029	12,444	13,176	56	Reynolds	54	61	69	13.0	8,126	9,116	10,514	102
Atchison	96	98	101	3.4	12,246	12,528	13,189	54	Ripley	96	103	110	6.5	7,386	7,822	8,294	114
Audrain	303	324	345	6.4	11,891	12,791	13,738	35	St. Charles	3,217	3,414	3,738	9.5	16,442	16,705	17,361	5
Bary	303	325	356	9.6	11,027	11,679	12,585	72	St. Clair	85	94	100	6.4	10,159	11,165	11,931	84
Barton	139	150	159	5.7	12,089	13,009	13,763	34	St. Genevieve	197	207	224	8.3	12,317	12,660	13,535	40
Bates	204	215	225	4.4	12,990	13,492	14,053	29	St. Francois	539	579	611	5.6	11,582	12,183	12,588	71
Benton	129	136	149	9.0	9,841	10,220	11,025	92	St. Louis	19,952	21,349	22,837	7.0	19,881	21,163	22,598	41
Bollinger	97	104	110	5.8	8,814	9,363	9,784	108	Saline	312	330	346	5.0	12,723	13,514	14,264	2
Boone	1,534	1,659	1,781	7.4	14,510	15,677	16,851	7	Schuyler	49	50	53	7.2	11,029	11,356	12,412	78
Buchanan	1,128	1,197	1,278	6.8	13,138	14,018	15,041	15	Scotland	61	59	64	8.8	12,080	11,864	13,139	58
Butler	400	428	455	6.2	10,310	11,077	11,796	86	Scott	460	494	528	6.9	11,306	12,115	12,950	63
Caldwell	103	106	111	4.9	12,450	12,842	13,466	44	Shannon	55	58	64	10.4	6,919	7,230	8,001	115
Callaway	417	444	473	6.5	12,704	13,454	14,228	25	Shelby	89	91	98	7.5	12,373	12,742	13,894	32
Camden	316	340	369	8.4	12,519	13,191	14,112	28	Stoddard	322	354	371	4.9	11,245	12,326	12,978	81
Cape Girardeau	837	882	943	6.8	13,611	14,185	15,073	14	Stone	211	224	240	6.9	11,221	11,694	12,188	61
Carroll	133	138	145	5.2	11,792	12,362	13,176	56	Sullivan	73	75	82	10.3	10,961	11,212	12,626	69
Carter	44	47	50	5.9	7,551	8,041	8,493	113	Taney	301	323	331	8.5	11,971	12,742	13,625	38
Cass	874	939	999	6.4	14,646	15,296	15,827	9	Texas	204	216	227	5.2	9,540	9,956	10,496	103
Cedar	124	130	138	6.5	9,994	10,477	11,134	91	Vernon	231	252	266	5.7	11,653	12,755	13,510	41
Chariton	117	122	129	6.1	11,929	12,506	13,464	45	Warren	257	276	296	7.4	13,516	14,063	14,579	19
Christian	349	393	429	9.2	12,068	12,921	13,391	49	Washington	185	193	211	9.6	9,596	9,855	10,688	98
Clark	84	83	89	7.9	10,382	10,388	11,332	90	Wayne	94	102	108	6.5	7,788	8,202	8,619	111
Clay	2,432	2,592	2,736	5.6	16,415	17,221	17,979	3	Webster	231	247	265	7.4	9,981	10,397	10,962	96
Clinton	216	229	245	7.2	12,969	13,503	14,314	23	Worth	30	30	33	9.0	11,016	11,424	12,684	68
Cole	849	905	972	7.5	13,838	14,677	15,829	8	Wright	148	156	168	7.5	8,763	9,191	9,841	107
Cooper	172	186	197	6.2	11,769	12,743	13,727	36	St. Louis City	6,250	6,486	6,896	6.3	15,175	16,079	17,513	4
Crawford	216	239	255	6.7	11,001	11,939	12,567	73	Montana	9,986	10,427	11,392	9.3	12,341	12,958	14,149	
Dade	79	88	95	6.8	10,622	11,710	12,508	74	Metropolitan portion	2,684	2,832	3,056	7.9	13,673	14,552	15,743	
Dallas	122	129	141	9.0	9,290	9,657	10,371	104	Nonmetropolitan portion	7,301	7,595	8,336	9.8	11,914	12,450	13,643	
Daviess	86	86	93	8.8	10,159	10,093	11,022	93	Beaverhead	99	103	113	9.5	11,874	12,375	13,500	33
De Kalb	94	98	105	6.9	11,706	12,114	12,966	62	Big Horn	114	118	131	11.4	10,419	10,817	12,215	46
Dent	151	165	171	4.1	10,536	11,366	11,865	85	Blaine	70	71	80	12.9	9,935	10,130	11,436	52
Douglas	96	100	107	6.5	7,796	7,986	8,497	112	Broadwater	37	36	43	19.2	10,333	10,523	12,497	44
Dunklin	319	347	365	5.2	9,255	10,048	10,671	99	Carbon	93	95	107	11.9	11,262	11,485	12,880	40
Franklin	1,105	1,172	1,248	6.4	14,129	14,887	15,776	10	Carter	22	23	22	-2.4	12,737	13,998	15,888	27
Gasconade	185	199	211	6.3	13,371	14,319	15,108	13	Cascade	1,090	1,152	1,245	7.8	13,923	14,778	15,962	3
Genry	85	85	93	9.5	11,801	11,969	12,491	43	Chouteau	80	76	87	14.2	13,707	13,203	15,198	14
Greene	2,809	2,995	3,224	7.6	13,907	14,693	15,658	11	Custer	157	164	176	6.9	11,998	12,938	13,957	26
Grundy	130	134	144	7.3	11,819	12,307	13,420	48	Daniels	36	32	34	5.6	13,802	12,449	13,333	35
Harrison	107	106	115	8.9	11,753	11,787	13,139	58	Dawson	126	128	131	2.4	12,092	12,699	13,585	30
Henry	227	247	262	6.3	11,403	12,311	13,094	60	Deer Lodge	106	108	116	7.7	10,590	10,834	11,967	48
Hickory	64	67	73	9.2	8,693	8,990	9,665	109	Fallon	43	46	49	7.2	12,451	13,767	15,238	13
Holt	77	76	78	3.3	11,996	12,100	12,736	65	Fergus	145	146	175	19.6	11,734	12,069	14,604	20
Howard	113	121	127	5.1	11,751	12,703	13,500	42	Flathead	721	781	847	8.4	12,443	13,338	14,225	21
Howell	307	330	357	8.0	10,048	10,670	11,443	89	Gallatin	571	603	668	10.9	11,761	12,437	13,604	29
Iron	103	108	116	6.9	9,275	9,675	10,333	105	Garfield	24	24	25	4.4	15,049	15,030	15,870	6
Jackson	9,951	10,613	11,185	5.4	15,489	16,463	17,328	6	Glacier	125	125	140	12.2	11,220	11,272	12,629	43
Jasper	1,119	1,202	1,268	5.4	12,217	13,054	13,685	37	Golden Valley	13	13	14	13.3	12,266	11,503	12,993	37
Jefferson	2,234	2,438	2,608	7.0	13,300	14,144	14,818	17	Granite	32	33	35	6.1	12,376	12,361	13,168	36
Johnson	432	466	498	7.0	11,232	11,948	12,703	66	Hill	217	206	235	14.3	12,254	11,692	13,388	34
Knox	51	54	60	12.1	10,438	11,051	12,599	70	Jefferson	111	120	131	8.6	13,600	14,451	15,360	10
Laclede	300	326	347	6.3	11,428	12,372	13,185	55	Judith Basin	26	26	31	20.9	10,494	10,395	12,765	41
Lafayette	420	461	484	5.0	13,622	14,757	15,385	12	Lake	210	227	253	11.2	10,033	10,788	11,826	49
Lawrence	336	360	383	6.4	11,037	11,664	12,333	79	Lewis and Clark	633	671	719	7.3	13,420	14,273	15,078	16
Lewis	113	121	128	5.3	10,829	11,835	12,683	67	Liberty	36	32	37	14.8	15,612	13,692	15,894	54
Lincoln	352	381	411	7.8	12,901	13,478	13,985	30	Lincoln	182	189	205	8.7	9,658	10,069	10,859	5
Linn	173	177	187	5.8	11,991	12,292	13,199	53	McCone	33	28	31	10.3	13,234	11,486	12,754	42
Livingston	195	205	217	6.0	12,823	13,353	14,125	27	Madison	61	64	73	15.0	10,567	11,285	12,963	38
McDonald	155	166	183	10.0	9,596	10,140	10,990	95	Meagher	23	23	26	14.3	10,862	11,150	12,916	39
Macon	194	202	220	8.7	11,854	12,439	13,624	39	Mineral	34	34	36	7.9	9,563	9,839	10,778	55
Madison	120	126	133	5.4	10,533	10,977	11,466	88	Missoula	969	1,028	1,117	8.7	12			

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Table with 20 columns: Area name, Total personal income (Millions of dollars, Percent change, Dollars, Rank in State), Per capita personal income (Dollars, Rank in State). Rows include Nebraska counties (Wibaux, Yellowstone, Park, etc.) and other states (Nevada, New Hampshire, New Jersey, New Mexico).

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987–89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Lea	671	700	720	2.9	11,254	11,994	12,851	10	North Carolina	85,212	92,886	100,418	8.1	13,299	14,318	15,287	.....
Lincoln	147	153	165	8.2	10,884	11,384	12,482	13	Metropolitan portion	52,772	57,638	62,311	8.1	14,907	16,038	17,073	.....
Los Alamos	416	431	460	6.7	21,493	22,563	23,828	1	Nonmetropolitan portion	32,439	35,248	38,107	8.1	11,313	12,181	13,054	.....
Luna	157	166	182	9.5	8,675	9,174	9,962	25	Alamance	1,525	1,660	1,775	6.9	14,565	15,679	16,576	11
McKinley	472	511	548	7.2	7,292	7,712	8,156	33	Alexander	329	355	386	8.8	12,089	12,871	13,842	35
Mora	32	33	35	4.4	7,231	7,687	8,194	32	Alleghany	99	109	118	8.3	10,106	11,065	11,930	68
Otero	566	587	600	2.2	11,037	11,558	11,727	19	Anson	265	282	306	8.5	10,091	10,756	11,681	73
Quay	126	132	140	6.5	10,865	11,539	12,421	14	Ashe	228	244	263	7.8	9,750	10,384	11,176	85
Rio Arriba	265	276	292	5.7	8,200	8,467	8,948	31	Avery	148	160	174	8.4	9,722	10,501	11,325	81
Roosevelt	175	177	193	8.9	10,585	10,809	11,816	18	Beaufort	469	519	555	6.8	11,134	12,240	13,161	48
Sandoval	608	682	749	9.9	10,713	11,318	11,889	22	Bertie	214	254	247	5.5	10,128	11,134	11,800	70
San Juan	865	916	996	8.8	9,742	10,563	11,708	20	Bladen	293	320	342	6.7	9,514	10,365	11,041	89
San Miguel	204	209	226	8.0	8,151	8,359	9,020	30	Brunswick	499	550	598	8.7	10,056	10,798	11,303	82
Santa Fe	1,318	1,391	1,519	9.2	14,311	14,899	15,795	3	Buncombe	2,293	2,502	2,730	9.1	13,381	14,459	15,627	18
Sierra	103	108	118	9.2	10,650	11,147	12,137	16	Burke	924	1,001	1,064	6.3	12,096	12,950	13,661	38
Socorro	127	134	145	8.2	8,845	9,192	9,747	28	Cabarrus	1,295	1,404	1,513	7.8	13,702	14,637	15,571	19
Taos	189	198	218	10.0	8,706	9,144	10,113	24	Caldwell	841	917	983	7.2	11,904	12,841	13,688	37
Torrance	87	92	99	7.5	8,638	9,121	9,299	29	Camden	68	76	81	7.4	11,354	12,491	13,237	46
Union	64	68	69	1.4	13,522	14,676	15,382	4	Carteret	587	641	698	9.0	11,622	12,560	13,484	41
Valencia	436	463	502	8.5	11,158	11,515	12,053	17	Caswell	185	202	216	7.2	8,317	9,104	9,796	97
New York	319,229	347,942	373,682	7.4	17,898	19,428	20,817	.....	Catawba	1,649	1,795	1,927	7.4	14,265	15,307	16,210	13
Metropolitan portion	299,528	326,490	350,380	7.3	18,393	19,980	21,400	.....	Chatham	508	548	595	8.6	14,013	14,935	16,012	14
Nonmetropolitan portion	19,701	21,453	23,302	8.6	12,703	13,674	14,769	.....	Cherokee	199	214	234	9.2	9,532	10,099	10,850	92
Albany	4,988	5,427	5,885	8.4	17,630	19,225	20,897	9	Chowan	150	164	175	6.4	11,033	11,999	12,596	56
Allegany	517	564	611	8.3	10,354	11,160	12,101	61	Clay	66	73	80	9.3	9,108	10,032	10,832	93
Bronx	15,047	16,274	17,558	7.9	12,305	13,303	14,234	47	Cleveland	1,073	1,161	1,255	8.1	12,436	13,328	14,355	27
Broome	3,201	3,457	3,717	7.5	15,367	16,578	17,930	17	Columbus	498	537	584	8.9	9,441	10,214	11,085	88
Cattaraugus	939	1,014	1,089	7.4	11,200	12,084	13,072	58	Craven	972	1,044	1,126	7.8	12,112	12,818	13,698	36
Cayuga	995	1,068	1,151	7.8	12,517	13,359	14,359	45	Cumberland	2,986	3,234	3,473	7.4	11,631	12,648	13,576	40
Chautauque	1,791	1,920	2,075	7.5	12,663	13,658	14,778	42	Currituck	152	165	181	9.5	11,126	11,791	12,570	57
Chemung	1,226	1,338	1,452	8.6	13,508	14,584	15,825	30	Dare	262	301	332	10.2	13,119	14,045	14,992	26
Chenango	628	688	743	8.1	12,396	13,420	14,367	44	Davidson	1,544	1,681	1,792	6.6	12,551	13,526	14,591	31
Clinton	963	1,024	1,103	7.7	11,813	12,492	13,419	55	Davie	395	428	468	9.4	14,371	15,360	16,770	9
Columbia	987	1,082	1,164	7.6	16,252	17,720	19,008	14	Duplin	389	416	454	9.3	9,339	9,984	10,907	90
Cortland	555	604	657	8.7	11,602	12,618	13,677	51	Durham	2,674	2,927	3,208	9.6	15,804	17,076	18,346	5
Delaware	536	589	648	10.1	11,383	12,390	13,581	53	Edgecombe	626	668	722	8.0	10,518	11,161	11,958	65
Dutchess	4,677	5,081	5,435	7.0	18,066	19,379	20,533	10	Forsyth	4,511	4,911	5,285	7.6	17,062	18,441	19,655	3
Erie	14,543	15,756	16,922	7.4	15,207	16,436	17,724	19	Franklin	358	387	421	8.7	10,200	10,926	11,563	79
Essex	448	487	533	9.4	12,342	13,312	14,545	43	Gaston	2,311	2,503	2,659	6.2	13,392	14,371	15,194	20
Franklin	490	542	603	11.4	11,315	12,442	13,871	48	Gates	107	116	122	4.5	11,052	11,893	12,264	58
Fulton	700	753	812	7.8	13,021	13,969	15,145	39	Graham	59	61	64	4.0	8,260	8,719	9,140	99
Genesee	834	915	986	7.8	14,332	15,611	16,829	23	Granville	427	460	500	8.8	11,172	11,838	12,631	55
Greene	585	638	685	7.4	13,831	14,794	15,755	32	Greene	151	165	181	9.7	9,171	10,076	11,090	87
Hamilton	68	74	82	9.9	13,957	15,015	16,486	24	Guilford	5,590	6,128	6,547	6.8	16,776	18,193	19,239	4
Herkimer	782	842	910	8.1	11,742	12,567	13,588	52	Halifax	571	619	665	7.3	10,081	10,898	11,633	76
Jefferson	1,258	1,464	1,645	12.4	13,213	14,477	15,581	34	Harnett	625	683	749	9.8	9,586	10,300	11,120	86
Kings	31,303	33,816	36,387	7.6	15,532	16,612	17,735	33	Haywood	576	617	642	4.1	11,986	12,781	13,272	44
Lewis	829	899	977	9.6	10,581	11,225	11,773	52	Henderson	993	1,094	1,173	7.3	14,651	15,795	16,691	10
Livingston	802	866	943	8.9	13,639	14,594	15,772	31	Hertford	237	259	276	6.7	9,962	10,942	11,723	72
Madison	866	944	1,027	8.8	13,012	14,054	15,232	36	Hoke	192	206	222	8.3	8,064	8,571	9,096	100
Monroe	12,522	13,683	14,822	8.3	17,961	19,539	21,192	8	Hyde	49	62	67	8.4	8,513	10,954	12,075	62
Montgomery	677	734	785	7.0	13,180	14,192	15,250	35	Iredell	1,266	1,373	1,474	7.3	14,085	14,995	15,841	17
Nassau	32,330	35,363	37,711	6.6	24,527	26,829	28,678	3	Jackson	273	301	327	8.5	10,246	11,142	12,072	63
New York	44,994	49,685	53,479	7.6	29,959	32,905	35,193	1	Johnston	913	986	1,082	9.7	11,503	12,229	13,201	47
Niagara	3,036	3,269	3,508	7.3	14,105	15,069	16,183	29	Jones	89	97	107	9.6	9,088	9,893	10,816	94
Oneida	3,414	3,686	3,957	7.3	13,862	15,010	16,214	28	Lee	541	586	637	8.6	13,109	13,981	15,021	21
Onondaga	7,340	7,988	8,650	8.3	15,991	17,308	18,794	15	Lenoir	678	736	799	8.6	11,216	12,209	13,264	25
Ontario	1,375	1,516	1,646	8.6	15,055	16,479	17,869	18	Lincoln	609	667	713	6.8	12,900	13,753	14,397	45
Orange	4,887	5,366	5,741	7.0	16,980	18,281	19,178	13	MacDowell	370	397	423	6.5	10,194	10,934	11,635	75
Orleans	511	566	612	8.1	13,026	14,210	15,213	37	Macon	258	283	309	9.4	11,140	12,084	13,159	49
Oswego	1,491	1,575	1,695	7.6	12,461	12,951	13,836	49	Madison	161	173	188	8.5	9,304	10,059	10,904	91
Otsego	1,760	1,824	1,900	9.2	12,778	13,745	14,917	40	Martin	291	316	339	7.4	11,009	11,972	12,890	51
Putnam	770	1,969	2,096	6.4	21,555	23,541	24,760	5	Mecklenburg	8,206	9,025	9					

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Stokes	432	471	503	6.8	11,927	12,907	13,642	39	Clermont	1,929	2,098	2,255	7.5	13,332	14,262	15,023	39
Surry	760	827	886	7.1	12,298	13,327	14,176	32	Clinton	456	487	523	7.5	12,849	13,585	14,438	47
Swain	89	97	104	7.8	8,345	9,165	9,933	96	Columbiana	1,146	1,230	1,313	6.8	10,569	11,330	12,182	72
Transylvania	318	343	365	6.4	12,247	13,121	13,856	34	Crawford	419	443	466	5.4	11,711	12,281	12,918	62
Tyrrell	32	39	43	10.5	7,711	9,441	10,460	95	Crookton	570	608	644	5.8	11,687	12,491	13,255	59
Union	1,167	1,300	1,424	9.5	14,269	15,468	16,535	12	Cuyahoga	24,685	26,275	28,081	6.9	17,042	18,364	19,722	1
Vance	409	443	483	9.2	10,452	11,275	12,205	59	Darke	708	761	821	7.9	13,117	14,001	15,075	37
Wake	6,623	7,302	8,016	9.8	17,696	18,814	20,025	2	Defiance	509	542	580	7.1	12,858	13,628	14,511	46
Warren	164	176	193	9.9	9,912	10,584	11,589	78	Delaware	984	1,062	1,142	7.6	16,159	16,915	17,664	8
Washington	143	164	173	5.8	9,796	11,170	11,785	71	Erie	1,108	1,178	1,245	5.7	14,332	15,149	15,981	20
Watauga	359	390	422	8.3	10,420	11,241	12,118	61	Fairfield	1,372	1,457	1,551	6.4	13,695	14,334	14,980	40
Wayne	1,112	1,198	1,291	7.8	11,340	12,140	13,089	50	Fayette	314	332	354	6.9	11,427	12,081	12,913	63
Wilkes	711	773	828	7.1	11,626	12,590	13,436	42	Franklin	14,744	15,937	17,063	7.1	15,944	16,988	17,917	5
Wilson	831	897	971	8.2	12,730	13,675	14,707	24	Fulton	548	586	620	5.8	14,334	15,147	15,977	21
Yadkin	363	398	430	8.2	12,109	13,116	14,042	33	Gallia	328	347	373	7.5	10,837	11,480	12,317	68
Yancey	156	170	184	7.8	9,785	10,635	11,367	80	Geauga	1,352	1,458	1,571	7.8	17,504	18,387	19,421	2
North Dakota	8,527	8,329	9,037	8.5	12,700	12,487	13,693	.....	Greene	1,976	2,145	2,272	5.9	14,904	16,060	16,839	13
Metropolitan portion	3,409	3,492	3,752	7.4	13,379	13,621	14,574	.....	Guernsey	442	464	481	3.5	11,072	11,602	12,090	75
Nonmetropolitan portion	5,118	4,837	5,285	9.3	12,285	11,779	13,130	.....	Hamilton	14,652	15,673	16,710	6.6	16,712	17,932	19,046	3
Adams	44	42	45	5.5	12,878	12,794	13,972	20	Hancock	1,066	1,116	1,165	4.4	16,258	16,951	17,703	7
Barnes	161	154	169	9.9	12,155	11,763	13,061	27	Hardin	349	364	388	6.5	10,980	11,532	12,306	70
Benson	73	65	76	16.7	9,701	8,746	10,390	48	Harrison	165	163	171	4.9	10,543	10,314	11,007	79
Billings	15	13	15	17.1	11,942	10,514	12,462	32	Henry	391	414	446	7.6	13,742	14,569	15,675	24
Buttineau	113	103	121	17.9	12,949	12,029	14,611	14	Highland	390	420	454	8.3	11,044	11,746	12,555	67
Bowman	54	56	55	-8	13,245	13,758	14,011	19	Hocking	263	282	303	7.6	10,479	11,180	11,926	77
Burke	43	40	47	17.3	12,604	12,069	14,715	13	Holmes	282	305	330	8.3	9,098	9,781	10,525	86
Burleigh	849	874	935	6.9	14,149	14,483	15,477	5	Huron	763	818	878	7.4	13,628	14,519	15,439	28
Cass	1,393	1,445	1,560	8.0	14,042	14,426	15,416	6	Jackson	293	306	323	5.7	9,648	10,169	10,779	84
Cavalier	113	80	102	27.3	17,299	12,411	16,247	2	Jefferson	984	1,039	1,108	6.7	11,895	12,624	13,698	52
Dickey	81	72	78	8.8	12,053	10,894	12,155	37	Knox	577	616	658	6.8	12,159	12,888	13,726	51
Divide	50	41	47	14.7	15,654	13,113	15,497	4	Lake	3,415	3,647	3,910	7.2	15,923	16,988	18,141	4
Dunn	42	42	41	-8	9,059	9,219	9,476	51	Lawrence	603	639	675	5.7	9,643	10,186	10,752	85
Eddy	41	37	42	13.9	12,711	11,544	13,293	26	Licking	1,720	1,829	1,961	7.2	13,702	14,457	15,417	30
Emmons	59	58	62	6.7	10,618	10,652	11,584	40	Logan	510	550	593	7.8	12,524	13,388	14,297	48
Foster	51	49	55	12.9	11,894	11,641	13,579	22	Lorain	3,647	3,916	4,137	5.6	13,531	14,481	15,286	33
Golden Valley	33	33	33	-2.0	13,919	14,321	14,457	16	Lucas	7,109	7,555	7,953	5.3	15,279	16,203	17,005	12
Grand Forks	881	885	956	8.0	12,598	12,557	13,521	24	Madison	439	484	533	9.9	12,340	13,562	14,764	44
Grant	41	37	41	8.5	10,012	9,362	10,390	48	Mahoning	3,562	3,842	4,104	6.8	13,067	14,129	15,216	34
Griggs	45	41	50	21.1	12,555	11,820	14,526	15	Marion	742	788	830	5.4	11,391	12,157	12,885	65
Hettinger	47	42	45	6.2	12,311	11,423	12,565	29	Medina	1,833	2,016	2,163	7.3	15,584	16,771	17,773	6
Kidder	34	31	33	5.4	8,975	8,349	8,886	52	Meigs	225	237	256	7.8	9,519	10,069	10,878	81
La Moure	63	55	64	15.9	10,663	9,459	11,222	44	Merced	547	575	619	7.6	14,082	14,662	15,719	23
Logan	30	30	33	8.0	9,549	9,671	10,646	46	Miami	1,302	1,410	1,504	6.7	14,394	15,404	16,278	16
McHenry	74	68	78	14.4	10,194	9,577	11,043	45	Monroe	181	185	193	4.5	11,507	11,914	12,699	66
McIntosh	54	51	52	2.1	12,378	11,994	12,548	30	Montgomery	8,788	9,469	10,043	6.1	15,383	16,478	17,372	10
McKenzie	83	80	85	5.3	10,522	10,998	11,375	42	Morgan	158	166	175	5.3	11,080	11,558	12,122	74
McLean	138	126	136	8.1	11,575	10,695	11,815	39	Morow	303	320	346	8.1	11,079	11,616	12,467	68
Mercer	145	147	151	2.7	10,757	10,881	11,477	41	Muskingum	1,009	1,076	1,147	6.6	12,054	12,800	13,645	54
Morton	286	288	301	4.6	11,139	11,344	11,976	38	Noble	115	124	134	8.1	10,249	11,132	12,143	73
Mountrail	84	83	91	9.8	10,846	10,986	12,356	34	Ottawa	624	669	705	5.4	15,711	16,737	17,612	9
Nelson	65	58	69	18.8	13,766	12,452	15,204	7	Paulding	262	271	289	6.9	12,470	12,827	13,646	53
Oliver	29	28	29	9	11,298	10,999	11,348	43	Perry	316	334	354	6.0	9,879	10,405	10,974	80
Pembina	148	132	155	17.2	14,446	12,851	15,147	9	Pickaway	543	578	632	9.4	11,697	12,401	13,393	58
Pierce	63	59	65	11.2	11,416	10,997	12,650	28	Pike	235	255	275	7.9	9,391	10,056	10,819	83
Ramsey	187	172	196	14.3	14,328	13,185	15,089	10	Portage	1,834	1,995	2,118	6.2	13,287	14,306	15,076	36
Ransom	78	73	75	2.2	12,167	11,713	12,198	36	Preble	487	526	558	6.2	12,362	13,240	13,971	50
Renville	41	38	46	21.2	11,829	11,255	14,057	18	Putnam	460	478	515	7.9	13,657	14,053	15,068	38
Richland	230	224	240	7.0	11,786	11,616	12,399	33	Richland	1,765	1,877	1,982	5.6	13,729	14,546	15,566	31
Rolette	118	115	126	10.0	9,582	9,351	10,520	47	Ross	786	837	886	5.9	11,581	12,244	12,921	61
Sargent	70	65	67	2.3	13,983	13,058	13,628	21	Sandusky	911	963	1,009	4.8	14,725	15,492	16,220	17
Sheridan	31	25	32	25.3	12,199	9,866	12,546	31	Scioto	847	901	955	6.0	10,345	10,997	11,716	78
Stout	28	29	30	3.9	6,954	7,025	7,052	53	Seneca	753	788	841	6.7	12,117	12,752	13,603	55
Slope	13	11	11	-4	11,505	9,966	10,287	50	Shelby	600	665	724	8.9	13,559	14,962	16,207	18
Stark	286	292	296	1.4	11,399	11,835	12,300	35	Stark	5,142	5,515	5,841	5.9	13,833	14,724	15,587	27
Steele	36	33	41	24.3	12,696	11,991	15,148	8	Summit	7,888	8,395	8,915	6.2	15,430	16,333	17,276	11
Stutsman	300	290	313	7.7	12,844	12,479	13,559	23	Trumbull	3,061	3,279	3,520	7.3	13,323	14,268	15,418	29
Towner	58	49	60	23.3	14,820	12,699	16,110	3	Tuscarawas	1,058	1,126	1,196	6.2	12,515	13,234	14,074	49
Traill	121	114	132	15.1	13,307	12,723	15,031	11	Union	444	500	561	12.2	13,750	15,184	16,655	15
Walsh	237	209	241	15.1	16,055	14,343	16,912	1	Van Wert	405	426	446	4.7	13,558	14,203	14,884	42
Ward	759	753	802	6.5	12,377	12,471	13,418	25	Vinton	104	110	116	5.7	8,927	9,490	10,003	87
Wells	88	76	87	13.6	13,630	12,068	14,142	17	Warren	1,512	1,648	1,783	8.2	13,962	14,833	15,639	25
Williams	321	313	328	4.5	13,315	13,478	14,899	12	Washington	768	817	860	5.2	12,050	12,867	13,600	56
Ohio	157,250	168,343	179														

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Canadian	962	1,002	1,085	8.2	13,159	13,598	14,491	16	Josephine	705	762	837	9.9	10,246	10,726	11,438	36
Carter	573	601	636	5.8	12,387	13,189	14,105	18	Klamath	671	724	784	8.2	11,783	12,593	13,540	30
Cherokee	313	337	364	8.0	8,833	9,380	9,950	66	Lake	96	104	109	4.8	12,689	13,822	14,443	18
Choctaw	143	151	160	5.8	8,587	9,121	9,571	71	Lane	3,480	3,783	4,132	9.2	13,070	14,006	15,049	14
Cimarron	72	76	78	2.9	17,235	18,634	18,969	2	Lincoln	486	529	579	9.6	12,982	13,768	14,722	16
Cleveland	2,089	2,227	2,369	6.4	12,799	13,625	14,307	17	Linn	1,027	1,120	1,208	7.9	11,450	12,286	13,059	34
Coal	50	55	58	5.8	8,373	9,216	9,726	69	Malheur	295	320	345	7.8	10,801	11,867	12,969	35
Comanche	1,331	1,370	1,424	3.9	11,096	11,485	11,945	48	Marion	2,807	3,074	3,379	9.9	12,922	13,888	14,957	15
Cotton	84	89	89	3	12,086	12,927	13,017	31	Morrow	115	120	126	4.9	14,511	15,972	17,015	7
Craig	173	180	190	5.5	11,572	12,013	12,760	34	Multnomah	8,637	9,479	10,407	9.8	15,423	16,816	18,308	5
Creek	748	798	847	6.1	11,597	12,427	13,484	23	Polk	582	628	679	8.1	12,275	12,967	13,582	29
Custer	333	348	364	4.5	11,677	12,392	13,261	27	Sherman	41	48	47	-9.1	20,610	24,112	24,474	1
Delaware	254	267	291	9.2	8,892	9,238	9,936	67	Tillamook	255	272	297	9.1	11,785	12,442	13,360	32
Dewey	78	82	88	6.4	12,763	13,875	15,046	15	Umatilla	721	771	832	8.0	11,922	12,852	13,805	25
Ellis	75	68	72	6.5	14,061	13,546	15,162	14	Union	284	305	328	7.6	12,217	12,998	14,026	22
Garfield	816	862	896	4.0	13,703	14,783	15,840	11	Wallowa	89	102	113	10.6	12,570	14,579	16,262	11
Garvin	335	351	368	4.8	11,570	12,361	13,145	28	Wasco	278	309	339	9.7	13,494	14,982	16,672	9
Grady	473	498	517	3.7	11,044	11,769	12,424	41	Washington	4,621	5,075	5,656	11.4	16,347	17,332	18,596	4
Grant	103	111	107	-3.4	16,497	18,289	18,166	4	Wheeler	21	23	25	8.7	15,483	17,394	19,560	2
Greer	72	75	77	3.4	10,645	11,303	11,895	49	Yamhill	755	823	905	9.9	12,712	13,586	14,585	17
Harmon	50	52	50	-2.5	11,958	12,592	12,628	36	Pennsylvania	180,559	194,678	209,393	7.6	15,119	16,220	17,387	.....
Harper	64	69	76	10.1	14,260	15,654	17,621	5	Metropolitan portion	158,079	170,519	183,394	7.6	15,619	16,764	17,956	.....
Haskell	106	113	122	8.3	8,959	9,615	10,443	62	Nonmetropolitan portion	22,480	24,159	25,999	7.6	12,338	13,201	14,209	.....
Hughes	123	132	141	6.4	8,391	9,141	9,750	68	Adams	1,047	1,147	1,235	7.7	14,349	15,433	16,326	16
Jackson	342	354	361	1.9	11,249	11,959	12,361	43	Allegany	22,415	24,115	25,853	7.2	16,467	17,807	19,249	5
Jefferson	79	84	87	4.0	10,336	11,393	12,205	44	Armstrong	1,012	1,068	1,146	7.3	12,980	13,707	14,750	35
Johnston	87	93	96	3.7	7,904	8,476	8,752	76	Beaver	2,385	2,494	2,641	5.9	12,527	13,138	14,046	42
Kay	755	798	777	-2.6	14,613	15,656	15,383	12	Bedford	517	544	583	7.3	10,553	11,325	12,116	66
Kingfisher	200	210	218	3.6	13,334	14,397	15,365	13	Berks	5,439	5,847	6,339	8.4	16,722	17,766	19,068	6
Kiowa	148	156	164	5.7	12,208	12,903	13,812	20	Blair	1,593	1,688	1,810	7.3	12,002	12,736	13,685	49
Latimer	85	95	104	9.6	7,923	8,671	9,314	73	Braford	755	816	892	9.3	11,800	12,643	13,789	45
Le Flore	421	447	493	10.2	9,219	9,655	10,420	63	Bucks	9,703	10,536	11,368	7.9	18,213	19,384	20,534	4
Lincoln	294	313	339	8.3	10,019	10,620	11,552	51	Butler	2,071	2,233	2,410	8.0	13,630	14,556	15,619	21
Logan	325	348	368	5.9	10,878	11,715	12,555	38	Cambria	1,961	2,041	2,246	7.3	11,434	12,309	13,337	52
Love	88	93	100	7.8	10,836	11,421	12,203	45	Cameron	74	81	87	6.7	11,694	12,595	13,547	50
McClain	269	283	305	7.9	11,103	11,770	12,763	33	Carbon	709	760	812	6.9	12,846	13,530	14,284	39
McCurain	315	338	356	5.3	8,632	9,246	9,696	70	Centre	1,486	1,623	1,781	9.7	12,957	14,037	15,345	28
McIntosh	151	162	177	8.9	8,615	9,379	10,225	64	Chester	7,093	7,772	8,489	9.2	19,846	21,203	22,491	2
Major	103	112	117	5.1	11,599	12,771	13,653	21	Clarion	486	517	559	8.1	11,623	12,379	13,485	51
Marshall	120	129	137	6.4	10,273	10,913	11,488	52	Clearfield	953	1,014	1,079	6.4	11,655	12,420	13,275	53
Mayes	344	368	392	6.4	9,868	10,562	11,239	55	Clinton	416	448	474	5.7	11,011	11,790	12,465	63
Murray	121	129	133	3.8	9,578	10,284	10,802	60	Columbia	750	804	866	7.8	12,319	13,185	14,230	41
Muskogee	781	812	861	6.0	11,218	11,728	12,471	40	Crawford	1,021	1,096	1,188	8.4	11,835	12,747	13,935	43
Noble	131	144	152	5.1	11,252	12,609	13,381	25	Cumberland	2,991	3,257	3,532	8.5	15,544	16,680	17,873	10
Nowata	111	115	120	4.1	10,465	10,928	11,575	50	Dumplin	3,564	3,849	4,152	7.9	14,923	15,985	17,158	13
Oklfuskee	100	106	115	8.5	8,677	9,321	10,177	65	Delaware	10,557	11,366	12,246	7.7	19,009	20,411	21,991	3
Oklahoma	8,976	9,455	10,057	6.4	14,546	15,407	16,490	8	Elk	493	526	560	6.4	13,353	14,324	15,353	27
Oklmulgee	380	399	418	4.7	9,575	10,267	10,817	59	Erie	3,656	3,935	4,235	7.6	13,179	14,205	15,332	29
Osage	415	436	448	2.8	10,339	11,029	11,469	53	Fayette	1,716	1,826	1,948	6.7	11,259	11,996	12,930	57
Ottawa	317	328	351	7.0	9,673	10,023	10,831	58	Forest	51	56	59	5.8	10,897	11,849	12,671	61
Pawnee	186	196	209	6.8	11,024	11,864	12,728	35	Franklin	1,578	1,704	1,848	8.4	13,293	14,168	15,255	30
Payne	689	728	782	7.5	10,774	11,454	12,367	42	Fulton	155	171	190	11.4	10,917	11,887	13,066	55
Pittsburg	428	446	472	5.9	9,911	10,373	10,999	57	Greene	426	443	478	7.9	10,668	11,151	12,166	65
Pontotoc	390	412	434	5.4	11,184	11,915	12,574	37	Huntingdon	441	475	513	8.0	10,278	11,014	11,872	67
Pontawatomie	689	723	761	5.3	11,469	12,208	13,021	30	Indiana	1,041	1,115	1,181	6.0	11,302	12,110	12,865	58
Pushmataha	90	96	104	8.3	7,614	8,054	8,775	75	Jefferson	572	612	653	6.7	11,881	12,823	13,747	47
Roger Mills	61	64	67	5.7	11,461	12,386	13,488	22	Juniata	252	272	291	7.0	12,559	13,417	14,281	40
Rogers	655	697	750	7.6	11,743	12,510	13,380	26	Lackawanna	3,057	3,298	3,549	7.6	13,748	14,835	16,003	17
Seminole	279	289	300	3.9	10,048	10,603	11,230	56	Lancaster	6,350	6,870	7,467	8.7	15,666	16,590	17,645	11
Sequoyah	308	325	343	5.4	8,655	9,050	9,356	72	Lawrence	1,188	1,281	1,373	7.2	11,752	12,704	13,716	48
Stephens	489	531	552	4.0	11,357	12,359	13,007	32	Lebanon	1,510	1,637	1,774	8.4	13,333	14,322	15,405	25
Texas	291	286	285	-4	16,698	17,036	17,385	6	Lehigh	4,747	5,087	5,488	7.9	16,640	17,622	18,822	7
Tillman	131	131	132	8	11,498	11,784	11,990	47	Luzerne	4,404	4,753	5,104	7.4	13,305	14,337	15,423	24
Tulsa	7,944	8,375	9,003	7.5	15,359	16,190	17,289	7	Lycoming	1,543	1,679	1,795	6.9	13,143	14,197	15,106	32
Wagoner	544	602	643	6.8	10,734	11,829	12,527	39	McKean	584	613	652	6.4	12,573	13,263	14,323	37
Washington	785	801	837	4.5	17,405	17,783	18,708	3	Mercer	1,489	1,613	1,744	8.1	12,121	13,184	14,322	38
Washita	145	150	151	9	11,573	12,379	13,111	29	Mifflin	515	556	600	7.8	11,068	11,901	12,810	59
Woods	141	149	159	7.0	13,920	14,979	16,327	10	Monroe	1,297	1,434	1,568	9.3	14,811	15,339	15,874	18
Woodward	231	250	257	2.9	11,546	12,582	13,429	24	Montgomery	15,459	16,752	18,067	7.8	22,722	24,364	25,989	1
Oregon	37,721	41,175	45,129	9.6	13,851	14,883	16,009	.....	Montour	262	281	304	8.1	15,898	17,007	18,460	9
Metropolitan portion	26,880	29,400	32,345	10.0	14,606	15,691	16,897	.....	Northampton	3,691	4,005	4,332	8.2	15,426	16,439	17,500	12
Nonmetropolitan portion	10,841	11,775	12,785	8.6	12,2												

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1988-89	1987	1988			1989	1989	1987		1988	1989	1988-89	
Wayne	509	559	609	8.9	12,894	13,822	14,765	34	Fall River	94	99	104	5.1	12,079	12,985	13,793	27
Westmoreland	5,209	5,556	5,909	6.3	13,761	14,672	15,681	19	Faulk	38	37	39	3.5	12,502	12,655	13,302	37
Wyoming	359	386	412	6.5	12,853	13,623	14,388	36	Grant	106	107	114	7.4	11,753	11,764	12,719	42
York	5,399	5,889	6,321	7.3	16,345	17,521	18,575	8	Gregory	60	61	68	-1.8	10,513	10,718	12,125	50
Rhode Island	15,444	16,876	18,070	7.1	15,659	17,001	18,113	.....	Haakon	37	38	38	-1.2	13,418	14,148	14,265	20
Metropolitan portion	13,952	15,269	16,366	7.2	15,467	16,815	17,923	.....	Hamlin	55	56	61	9.8	10,621	10,761	11,847	53
Nonmetropolitan portion	1,493	1,607	1,704	6.0	17,706	18,986	20,162	.....	Hand	62	59	66	12.1	13,461	12,923	14,715	14
Bristol	848	924	993	7.5	17,838	19,244	20,663	1	Hanson	34	33	36	9.9	10,204	9,919	10,924	57
Kent	2,638	2,910	3,116	7.1	16,518	18,069	19,300	3	Harding	22	22	21	-1.6	12,655	12,509	12,479	44
Newport	1,493	1,607	1,704	6.0	17,706	18,986	20,162	2	Hughes	201	210	229	9.3	13,294	13,761	14,944	8
Providence	8,747	9,557	10,241	7.2	14,759	16,061	17,117	5	Hutchinson	111	107	123	14.4	12,939	12,624	14,675	16
Washington	1,718	1,879	2,016	7.3	16,834	18,073	19,142	4	Hyde	24	23	25	9.3	13,771	13,044	14,739	13
South Carolina	41,356	44,924	47,905	6.6	12,077	12,950	13,624	.....	Jackson	25	22	24	6.8	7,241	6,778	7,303	64
Metropolitan portion	26,665	29,073	30,998	6.6	12,910	13,852	14,535	.....	Jerauld	29	29	33	13.0	10,484	10,396	11,855	52
Nonmetropolitan portion	14,691	15,852	16,907	6.7	10,810	11,569	12,219	.....	Jones	22	19	21	9.4	15,104	13,677	15,285	4
Abbeville	231	249	267	7.3	10,191	10,956	11,744	27	Kingsbury	85	83	94	13.2	13,312	13,203	15,078	6
Aiken	1,550	1,681	1,929	14.7	12,920	13,753	15,485	5	Lake	135	140	154	9.8	13,027	13,513	15,062	7
Allendale	99	106	114	7.7	9,319	10,007	10,763	36	Lawrence	234	251	272	8.5	11,843	12,741	13,733	29
Anderson	1,664	1,804	1,932	7.1	11,769	12,607	13,388	13	Lincoln	184	192	208	8.4	12,541	12,903	13,856	26
Bamberg	149	156	169	7.8	8,315	8,868	9,663	41	Lyman	41	40	47	15.5	11,230	10,869	12,679	43
Barnwell	223	245	266	8.7	10,604	11,633	12,560	20	McCook	78	77	85	9.6	12,932	12,762	14,096	21
Beaufort	1,236	1,309	1,433	9.5	14,795	15,388	16,526	11	McPherson	40	40	44	10.8	11,146	10,997	12,284	48
Berkeley	1,297	1,412	1,463	3.6	10,465	11,115	11,244	34	Marshall	64	61	67	10.4	12,724	12,280	13,745	28
Calhoun	128	136	147	8.2	10,685	11,250	12,210	22	Meade	247	256	279	9.2	10,551	10,772	11,667	55
Charleston	3,733	4,028	3,934	-2.3	12,452	13,327	12,775	17	Mellette	21	20	22	9.7	9,301	8,779	9,717	59
Cherokee	536	581	620	6.7	12,837	13,865	14,696	8	Miner	46	43	50	15.8	13,532	12,723	14,923	9
Chester	313	334	361	8.1	10,076	10,698	11,496	29	Minnehaha	1,793	1,918	2,080	8.4	14,578	15,285	16,412	3
Chesterfield	407	441	462	4.9	10,465	11,307	11,821	26	Moody	83	82	91	10.5	12,299	12,188	13,492	31
Clarendon	237	256	262	2.3	8,344	8,957	9,098	44	Pennington	1,034	1,083	1,170	8.0	13,208	13,208	13,944	23
Colleton	320	350	370	5.5	9,263	10,030	10,495	39	Perkins	60	57	63	8.9	13,062	12,605	13,874	25
Darlington	656	709	766	8.1	10,118	10,898	11,737	28	Potter	52	48	46	-4.0	14,327	13,301	12,918	39
Dillon	276	296	318	7.4	8,433	8,987	9,612	42	Roberts	104	103	115	11.0	9,653	9,580	10,704	58
Dorchester	907	994	1,058	6.5	11,520	12,196	12,506	21	Sanborn	36	36	39	10.3	12,376	12,345	13,894	24
Edgefield	175	190	199	4.9	9,424	10,108	10,435	40	Shannon	53	54	61	11.3	4,639	4,651	5,294	66
Fairfield	230	253	281	11.0	10,658	11,484	12,594	19	Spink	128	124	142	14.4	14,814	14,416	16,684	2
Florence	1,310	1,426	1,500	5.2	11,200	12,093	12,635	18	Stanley	33	34	35	3.8	12,546	12,809	13,139	38
Georgetown	516	554	563	1.6	10,686	11,251	11,191	35	Sully	35	33	34	4.3	19,090	18,256	19,210	1
Greenville	4,423	4,853	5,273	8.7	14,294	15,404	16,523	2	Todd	48	51	57	10.9	6,304	6,644	7,053	65
Greenwood	727	782	838	7.1	12,421	13,339	14,237	10	Tripp	83	83	92	11.3	11,764	11,845	13,336	36
Hampton	189	205	220	7.5	9,920	10,704	11,397	31	Turner	112	113	126	11.4	12,805	13,010	14,608	17
Horry	1,638	1,784	1,858	4.1	12,138	12,967	13,122	15	Union	139	144	158	9.5	13,269	13,584	14,813	11
Jasper	143	152	165	8.4	9,469	9,996	10,759	37	Walworth	81	81	87	7.1	12,237	12,384	13,375	35
Kershaw	517	567	590	4.2	11,852	12,643	12,897	16	Yankton	233	250	274	9.7	12,458	13,248	14,565	19
Lancaster	608	650	685	5.5	10,863	11,501	12,053	24	Ziebach	21	21	22	4.4	8,746	8,639	9,127	60
Laurens	631	683	749	9.7	11,797	12,703	13,890	11	Tennessee	62,740	68,203	72,757	6.7	12,923	13,933	14,736	.....
Lee	144	157	164	4.0	7,706	8,474	8,824	46	Metropolitan portion	45,895	49,869	53,204	6.7	14,123	15,188	16,028	.....
Lexington	2,333	2,558	2,789	9.0	13,981	14,995	15,961	3	Nonmetropolitan portion	16,846	18,334	19,553	6.6	10,495	11,377	12,086	.....
McCormick	77	80	87	8.8	10,460	10,932	11,894	25	Anderson	907	991	1,078	8.8	12,933	14,017	15,126	8
Marion	319	347	374	7.9	9,100	9,892	10,633	38	Berford	369	405	432	6.7	12,585	13,740	14,567	12
Marlboro	263	279	301	7.6	8,332	8,845	9,556	43	Benton	154	167	179	7.4	10,293	11,169	12,048	45
Newberry	382	409	435	6.4	11,833	12,605	13,326	14	Biedsoe	85	90	95	5.2	8,502	9,115	9,495	88
Oconee	687	756	822	8.8	12,688	13,637	14,512	9	Blount	1,067	1,163	1,214	4.4	12,768	13,749	14,192	14
Orangeburg	878	947	1,018	7.5	9,921	10,658	11,355	33	Bradley	896	974	1,039	6.7	12,272	13,107	13,827	19
Pickens	1,075	1,178	1,275	8.2	12,066	13,023	13,833	12	Campbell	316	340	360	5.7	9,020	9,714	10,325	76
Richland	3,863	4,205	4,525	7.6	13,700	14,707	15,663	4	Cannon	118	127	134	6.1	10,779	11,591	12,245	35
Saluda	169	185	197	6.3	10,168	11,261	12,131	23	Carroll	289	313	331	5.8	10,287	11,141	11,817	51
Spartanburg	2,806	3,075	3,326	8.2	13,169	14,242	15,304	7	Carter	486	522	548	5.0	9,415	10,174	10,696	69
Sumter	969	1,040	1,118	7.5	10,016	10,719	11,420	30	Cheatham	309	336	364	8.2	11,921	12,573	13,129	27
Union	306	326	346	6.2	10,047	10,703	11,379	32	Chester	128	138	145	5.0	9,823	10,704	11,222	59
Williamsburg	313	338	341	-9	8,112	8,773	8,857	45	Claiborne	265	290	315	8.8	10,023	10,816	11,772	52
York	1,703	1,859	1,994	7.2	13,725	14,642	15,330	6	Clay	68	73	80	10.5	8,580	9,132	10,079	79
South Dakota	8,787	9,084	9,893	8.9	12,387	12,740	13,852	.....	Cocke	250	273	290	6.1	8,524	9,284	9,841	80
Metropolitan portion	2,827	3,002	3,250	8.3	13,875	14,465	15,429	.....	Coffee	524	561	598	6.6	12,555	13,305	14,028	17
Nonmetropolitan portion	5,960	6,082	6,643	9.2	11												

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Table with columns for Area name, Total personal income (Millions of dollars, Percent change, Dollars, Rank in State) and Per capita personal income (Dollars, Rank in State). Rows list various counties and metropolitan/nonmetropolitan portions.

See footnotes at end of table.

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Iron	27	28	31	9.9	14,338	15,142	16,935	41	Schleicher	34	36	38	6.4	11,835	12,876	14,178	117
Jack	83	87	93	7.7	11,383	12,225	13,510	150	Scurry	238	241	251	4.4	12,902	13,534	14,687	99
Jackson	170	187	193	2.9	13,106	14,792	15,569	70	Shackelford	51	53	57	7.0	13,859	15,519	17,342	33
Jasper	352	381	397	4.4	11,133	12,131	12,772	185	Shelby	251	265	284	7.0	10,507	11,096	11,883	209
Jeff Davis	21	22	24	8.5	11,620	12,000	12,932	176	Sherman	81	86	78	-8.8	26,920	28,897	26,900	2
Jefferson	3,392	3,631	3,854	6.1	13,963	15,141	16,375	56	Smith	2,210	2,314	2,472	6.8	14,449	15,168	16,139	59
Jim Hogg	52	54	60	11.0	9,790	10,387	11,682	219	Somervell	63	72	78	8.6	12,692	13,629	14,020	124
Jim Wells	356	375	397	6.0	9,088	9,754	10,496	237	Starr	153	173	186	7.8	3,966	4,402	4,549	254
Johnson	1,276	1,341	1,437	7.2	13,239	13,749	14,215	114	Sterling	110	114	120	5.0	10,683	11,688	12,564	189
Jones	214	217	225	3.9	12,272	12,782	13,593	147	Stephens	171	19	19	2.3	11,279	12,442	13,112	165
Karnes	130	136	147	8.1	9,955	10,731	11,796	215	Stonewall	30	33	35	6.1	13,688	15,316	16,703	47
Kaufman	710	748	801	7.1	13,045	13,417	13,779	137	Sutton	52	54	59	9.0	11,869	12,681	14,835	93
Kendall	261	277	297	7.5	17,350	17,873	18,504	13	Swisher	142	154	153	-3	16,319	17,716	17,863	23
Kenedy	10	10	10	1.9	17,234	19,204	20,548	8	Tarrant	17,943	19,057	20,371	6.9	16,089	16,886	17,686	28
Kent	14	14	15	2.5	12,489	13,065	13,723	139	Taylor	1,648	1,734	1,820	5.0	13,337	14,237	15,001	87
Kerr	548	577	628	8.8	15,363	16,250	17,550	29	Tenell	24	24	28	15.1	16,195	16,567	19,381	10
Kimble	57	60	65	9.1	13,390	14,335	15,704	67	Terry	188	181	164	-9.3	12,945	12,391	11,424	224
King	6	6	7	14.9	15,270	15,617	18,091	19	Throckmorton	31	33	33	1.1	14,925	16,254	16,799	43
Kinney	29	31	34	9.1	11,463	12,064	12,849	180	Titus	294	314	338	7.7	12,832	13,723	14,809	94
Kleberg	353	378	400	5.7	10,920	11,937	12,969	174	Tom Green	1,311	1,380	1,462	5.9	13,333	13,904	14,658	101
Knox	58	61	64	4.8	11,251	12,063	12,995	173	Travis	8,510	8,968	9,639	7.5	15,295	16,120	17,097	39
Lamar	556	586	624	6.5	12,298	13,025	13,858	129	Trinity	115	122	133	9.1	9,469	10,004	10,770	233
Lamb	257	264	253	-4.1	16,398	16,881	16,625	50	Tyler	206	216	234	8.0	11,398	11,998	13,074	168
Lampasas	156	168	182	8.2	10,974	11,854	12,710	187	Upsur	346	362	385	6.3	10,786	11,367	12,112	204
La Salle	40	43	46	7.4	7,731	8,454	9,427	242	Upton	57	59	60	2.3	11,243	11,404	11,956	207
Lavaca	245	262	284	8.5	13,214	14,244	15,470	73	Uvalde	249	265	279	5.5	10,264	10,874	11,486	222
Lee	165	169	179	6.0	12,171	12,662	13,475	152	Val Verde	342	361	391	8.4	8,481	9,974	9,678	241
Leon	158	167	179	7.1	12,881	13,714	14,876	90	Van Zandt	463	482	521	8.1	11,853	12,185	12,942	175
Liberty	602	639	689	7.8	11,290	12,080	13,124	164	Victoria	1,035	1,092	1,164	6.6	13,846	14,699	15,749	66
Limestone	233	245	263	7.7	10,481	11,062	11,792	216	Walker	562	590	622	5.5	10,475	10,934	11,375	225
Lipscomb	54	53	53	-1	16,098	16,346	17,227	36	Waller	259	281	306	8.9	11,052	11,968	13,051	171
Live Oak	110	118	127	7.4	11,780	13,063	14,244	112	Ward	162	170	181	6.7	11,431	12,271	13,684	143
Llano	186	193	212	9.8	14,902	15,511	16,911	42	Washington	397	425	457	7.5	15,206	16,395	17,529	30
Loving	2	3	3	8.9	32,573	38,819	37,122	1	Webb	875	965	1,066	10.5	6,959	7,482	8,043	247
Lubbock	2,878	3,039	3,240	6.6	12,655	13,401	14,208	116	Wharton	504	542	574	5.9	12,645	13,650	14,670	100
Lynn	110	102	93	-9.2	15,586	14,670	13,849	131	Wheeler	93	98	101	2.8	14,272	15,522	16,605	51
McCulloch	112	120	120	-3	12,760	13,126	13,107	166	Wichita	1,756	1,862	1,985	6.6	13,931	14,939	16,014	61
McLennan	2,386	2,517	2,697	7.1	12,650	13,385	14,276	110	Wichita	202	210	219	4.1	12,508	13,437	14,357	108
McMullen	16	18	20	13.5	17,376	18,756	21,408	6	Willacy	130	138	136	-9	6,835	7,266	7,199	250
Madison	127	135	147	9.5	10,858	11,634	12,870	179	Williamson	1,656	1,752	1,899	8.4	13,159	13,675	13,961	126
Marion	99	99	109	10.3	9,781	10,393	11,662	220	Wilson	227	241	259	7.5	11,322	11,794	12,317	196
Martin	74	79	75	-5.0	15,631	15,706	15,173	81	Winkler	90	95	102	7.6	10,030	10,896	12,521	192
Mason	44	47	51	10.2	12,941	14,085	15,933	63	Wise	406	419	447	6.6	11,560	12,003	12,491	194
Matagorda	605	603	591	-2.0	15,065	15,459	15,320	77	Wood	360	371	397	7.2	12,719	13,007	13,819	134
Maverick	212	232	250	7.7	5,439	5,864	6,155	253	Yoakum	136	135	129	-4.3	14,510	14,439	13,982	125
Medina	298	314	335	6.6	11,157	11,640	12,121	203	Young	281	295	309	5.0	10,799	16,228	17,324	34
Menard	22	33	35	6.5	13,414	13,967	14,749	96	Zapata	60	63	65	3.2	7,008	7,223	7,334	249
Midland	1,691	1,813	1,926	4.5	17,801	18,998	17,765	25	Zavala	71	78	81	4.3	5,867	6,474	6,739	251
Milam	280	293	306	4.5	13,879	14,764	16,398	55	Utah	19,373	20,688	22,353	8.1	11,534	12,242	13,104	.....
Mills	61	65	72	9.9	12,156	12,784	13,883	128	Metropolitan portion	15,378	16,431	17,779	8.2	11,851	12,565	13,428	.....
Mitchell	105	108	109	9	12,084	12,480	12,795	184	Nonmetropolitan portion	3,994	4,256	4,575	7.5	10,456	11,136	11,900	.....
Montague	203	211	228	8.0	11,299	11,932	13,063	170	Beaver	46	51	55	9.0	9,321	10,683	12,003	12
Montgomery	2,312	2,499	2,751	10.1	13,125	13,966	14,705	98	Box Elder	475	510	534	4.8	12,518	13,273	13,651	6
Moore	258	283	281	-8	15,154	16,799	16,797	44	CACHE	685	736	808	9.7	10,377	11,029	11,971	14
Morris	159	171	169	-1.0	11,353	12,160	12,155	202	Carbon	266	275	290	5.5	11,981	12,769	13,691	5
Motley	23	24	25	2.9	12,283	13,436	13,566	148	Daggett	9	10	10	6.5	11,131	12,891	13,903	4
Nacogdoches	591	631	686	8.7	11,451	12,259	13,208	161	Davis	2,027	2,152	2,338	8.6	11,184	11,648	12,430	11
Navarro	485	505	530	5.1	12,218	12,794	13,428	153	Duchesne	136	137	144	5.2	9,538	10,110	11,079	20
Newton	115	122	129	6.2	8,558	9,136	9,699	240	Emery	100	102	110	7.3	8,560	9,019	9,884	26
Nolan	222	233	246	5.7	12,823	13,616	14,598	103	Garfield	41	45	49	9.1	10,037	11,024	11,975	13
Nueces	3,559	3,824	4,035	5.5	11,923	12,836	13,561	149	Grand	74	80	84	5.4	11,244	12,151	13,307	7
Ochiltree	136	145	148	1.6	13,887	15,120	16,060	60	Iron	168	181	203	12.1	8,681	9,418	10,661	22
Oldham	48	54	54	-1.2	17,367	19,512	18,441	14	Juab	49	54	57	7.2	8,303	9,397	10,291	24
Orange	1,008	1,084	1,132	4.4	12,083	13,064	13,687	142	Kane	49	53	56	6.7	9,956	10,720	11,189	17
Palo Pinto	300	312	335	7.4	11,640	12,315	13,428	153	Millard	119	124	130	5.4	9,279	10,035	11,127	19
Panola	272	301	326	8.3	12,218	13,652	14,791	95	Morgan	67	70	73	4.0	12,472	12,973	13,220	8
Parker	863	912	987	8.2	13,764	14,072	14,553	104	Pinite	12	13	13	3.1	8,368	8,922	9,257	28
Parmer	204	230	215	-6.2	19,185	22,344	21,362	7	Rich	21	23	24	3.4	9,833	11,546	12,526	10
Pecos	143	145	153	5.2	8,905	9,201	9,964	238	Salt Lake	9,121	9,676	10,441	7.9	12,769	13,438	14,315	2
Polk	322	339	370	9.1	10,468	11,021	11,833	213	San Juan	84	89	95	6.3	7,272	7,696	8,179	29
Potter	1,401	1,440	1,506	4.6	13,484	14,011	14,863	92	Sanpete	140	153	159	4.4	8,554	9,286	9,745	27
Presidio	44	48	52	8.5	7,296	8,011	8,486	243	Sevier	158	164	179	9.3	10,344	10,755	11,881	15
Rains	74	74	79	6.2	11,735	11,556	11,811	214	Summit	232	254</						

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
Caledonia	319	349	381	9.3	11,806	12,663	13,597	12	Chesapeake	2,081	2,240	2,409	7.5	14,642	15,154	15,709	45
Chittenden	2,045	2,277	2,498	9.7	16,317	17,627	18,937	1	Hampton	1,702	1,811	1,909	5.4	13,186	13,846	14,460	64
Essex	64	69	75	8.9	9,743	10,128	10,844	14	Newport News	2,245	2,383	2,517	5.6	14,243	14,890	15,721	44
Franklin	458	497	543	9.1	12,093	12,945	13,916	11	Norfolk	3,723	3,936	4,109	4.4	13,004	13,737	14,211	70
Grand Isle	73	78	86	9.4	13,111	14,431	15,460	9	Portsmouth	1,366	1,447	1,533	5.9	12,787	13,453	14,448	65
Lamoille	248	274	299	9.0	13,327	14,491	15,511	8	Richmond	3,888	4,095	4,397	7.4	18,146	19,202	20,852	10
Orange	330	364	398	9.3	13,164	14,477	15,545	7	Roanoke	1,502	1,570	1,693	7.8	15,244	16,073	17,607	23
Orleans	261	283	309	9.3	10,743	11,606	12,612	13	Suffolk	736	780	830	6.4	14,299	14,930	15,751	43
Rutland	878	955	1,028	7.6	14,437	15,449	16,363	6	Virginia Beach	5,739	6,181	6,615	7.0	16,319	16,923	17,383	27
Washington	767	841	917	9.1	14,211	15,214	16,385	5	Combination Areas:⁵								
Windham	625	679	734	8.2	15,609	16,607	17,765	3	Albemarle + Charlottesville	1,701	1,870	2,037	8.9	16,750	18,214	19,793	14
Windsor	797	871	946	8.6	14,762	15,806	16,868	4	Allegheny, Clifton Frg. + Covington	308	335	355	5.8	11,931	13,144	14,196	72
Virginia	97,754	106,619	115,762	8.6	16,530	17,725	18,979	.....	Augusta, Staunton + Waynesboro	1,267	1,392	1,493	7.3	13,686	14,888	15,895	40
Metropolitan portion	76,407	83,369	90,703	8.8	17,959	19,201	20,516	.....	Bedford + Bedford City	674	735	799	8.8	14,540	15,498	16,605	32
Nonmetropolitan portion	21,346	23,250	25,059	7.8	12,865	13,895	14,931	.....	Campbell + Lynchburg	1,544	1,675	1,805	7.8	13,295	14,399	15,535	47
Accomack	379	410	441	7.6	12,106	13,013	14,022	74	Carroll + Galax	351	380	407	7.0	10,161	10,967	11,800	98
Amelia	108	115	127	10.0	12,842	13,542	14,876	55	Dinwiddie, Col. Hts. + Petersburg	994	1,096	1,175	7.3	12,138	13,366	14,211	70
Amherst	304	327	349	6.7	10,456	11,225	12,012	95	Fairfax, Fairfax City + Falls Church	19,135	21,220	23,435	10.4	24,466	26,486	28,366	3
Appomattox	147	158	171	8.2	11,778	12,620	13,653	78	Frederick + Winchester	863	968	1,046	8.1	14,468	15,681	16,567	33
Arlington	4,301	4,654	5,029	8.1	27,909	30,214	33,039	1	Greensville + Emporia	180	193	209	8.1	11,808	12,748	13,881	75
Bath	75	79	84	6.4	14,613	15,493	16,836	30	Halifax + South Boston	422	464	503	8.5	11,633	12,823	14,103	73
Bland	65	71	78	8.9	10,352	10,970	11,984	96	Henry + Martinsville	998	1,054	1,146	8.7	12,835	13,563	14,647	58
Botetourt	351	381	413	8.5	14,121	15,023	16,146	38	James City + Williamsburg	621	689	750	8.8	14,346	15,146	15,429	50
Brunswick	170	182	195	7.1	10,665	11,410	12,296	94	Montgomery + Radford	965	1,054	1,132	7.5	12,412	13,430	14,513	62
Buchanan	359	381	407	6.9	10,018	10,846	11,825	97	Pittsylvania + Danville	1,365	1,480	1,589	7.4	12,617	13,691	14,901	54
Buckingham	135	148	159	7.4	10,699	11,613	12,403	93	Prince George + Hopewell + Pr. William, Manassas + Manassas Park	545	594	632	6.3	11,033	11,874	12,673	90
Caroline	257	278	295	6.1	13,461	14,327	15,119	52	Roanoke + Salem	3,911	4,407	4,855	10.2	18,089	19,276	20,278	13
Charles City	91	98	110	12.3	13,657	14,593	16,374	35	Rockbridge, Buena Vista + Lexington	1,627	1,755	1,906	8.6	16,607	17,815	19,378	15
Charlotte	130	141	149	5.7	10,845	11,787	12,472	92	Rockingham + Harrisonburg	1,087	1,210	1,318	9.0	13,591	14,889	16,207	37
Chesterfield	3,213	3,554	3,921	10.3	18,198	19,361	20,696	11	Southampton + Franklin	279	309	332	7.7	10,967	12,070	13,030	87
Clarke	217	244	258	6.1	19,954	22,025	22,837	7	Spotsylvania + Fredricksburg	938	1,065	1,176	10.4	15,433	16,624	17,647	22
Craig	48	53	57	8.7	11,600	12,442	13,483	82	Washington + Bristol	786	863	937	8.6	12,113	13,361	14,613	59
Culpeper	379	416	453	9.0	15,054	16,036	17,081	29	Wise + Norton	559	607	638	5.1	11,623	12,798	13,734	77
Cumberland	82	92	100	8.7	10,257	11,506	12,530	91	York + Poquoson	879	960	1,028	7.1	16,666	17,592	18,357	17
Dickenson	204	209	211	.6	10,715	11,205	11,591	101	Washington	70,563	76,299	84,167	10.3	15,536	16,416	17,696	.....
Essex	122	131	140	6.4	13,760	14,776	15,794	42	Metropolitan portion	59,332	64,313	71,012	10.4	16,852	16,962	18,255	.....
Fauquier	931	1,040	1,136	9.3	21,015	22,564	23,694	5	Nonmetropolitan portion	11,231	11,987	13,155	9.7	13,281	13,997	15,189	.....
Floyd	145	159	168	5.9	12,397	13,470	14,290	66	Adams	186	198	211	6.9	14,019	14,956	16,115	10
Fluvanna	138	152	169	11.2	11,833	12,562	13,488	81	Asotin	214	232	253	8.9	12,519	13,643	14,880	29
Franklin	464	501	542	8.2	11,555	12,278	12,905	89	Benton	1,615	1,663	1,770	6.4	14,314	14,801	15,644	15
Giles	200	213	230	8.4	11,555	12,308	13,498	80	Chelan	727	755	836	10.6	15,154	16,388	17,335	6
Gloucester	387	423	463	9.3	13,450	14,108	14,844	56	Clallam	737	782	858	9.8	13,391	13,950	14,942	28
Goochland	260	286	314	9.8	19,137	20,377	21,973	8	Clark	2,980	3,251	3,601	10.8	13,668	14,371	15,379	20
Grayson	165	179	187	4.0	10,090	10,377	11,533	102	Columbia	63	65	67	3.1	15,506	16,051	16,544	7
Greene	103	114	133	16.6	11,681	12,654	14,558	60	Cowlitz	1,058	1,136	1,241	9.3	13,600	14,120	15,276	22
Hanover	1,070	1,178	1,285	9.1	18,530	19,538	20,532	12	Douglas	354	359	394	9.8	14,364	14,375	15,539	17
Henrico	4,034	4,477	4,969	11.0	19,834	21,451	23,353	6	Ferry	60	62	73	17.0	10,272	10,342	11,951	39
Highland	28	29	32	8.7	11,721	12,269	14,282	67	Franklin	431	468	502	7.2	12,619	13,763	14,967	27
Isle of Wight	370	401	424	5.9	14,636	15,365	15,839	41	Garfield	46	47	50	6.0	18,839	19,822	21,190	3
King and Queen	77	90	93	3.7	12,651	14,778	15,513	49	Grant	644	709	769	8.3	12,525	13,715	14,828	30
King George	187	203	221	8.6	15,344	16,439	17,501	25	Grays Harbor	813	867	933	7.7	13,055	13,783	14,772	31
King William	154	168	181	7.8	15,246	16,227	17,374	28	Island	715	775	864	11.5	13,600	14,266	15,165	24
Lancaster	192	207	226	9.4	17,758	18,994	20,874	8	Jefferson	260	276	310	12.0	13,673	14,202	15,378	21
Lee	237	250	264	5.8	9,279	9,874	10,667	104	King	27,102	29,518	32,694	10.8	19,308	20,514	22,125	1
Loudoun	1,630	1,827	2,099	14.9	21,967	23,607	25,642	4	Kitsap	2,483	2,710	2,958	9.1	14,235	14,984	15,843	12
Louisa	249	267	292	9.5	12,635	13,406	14,505	63	Kittitas	303	329	357	8.5	12,057	13,064	14,035	34
Lunenburg	118	129	139	7.1	9,807	10,751	11,593	100	Klickitat	206	214	241	12.5	12,962	13,466	15,270	23
Madison	138	152	164	8.1	12,811	13,881	14,902	53	Lewis	709	761	837	10.0	12,106	12,838	13,920	35
Mathews	128	138	149	7.8	15,036	16,247	17,661	20	Lincoln	165	183	182	-7	18,888	21,249	21,792	2
Mecklenburg	350	378	408	7.9	11,728	12,741	13,832	76	Mason	428	464	511	10.0	11,633	12,238	13,072	37
Middlesex	128	139	153	10.1	15,245	16,283	17,941	18	Okanogan	425	432	492	13.9	13,214	13,354	15,163	25
Nelson	158	165	178	7.4	12,691	13,218	14,219	69	Pacific	230	249	270	8.4	13,001	13,972	14,979	26
New Kent	173	190	207	8.8	15,808												

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1987-89—Continued

Area name	Total personal income				Per capita personal income ³				Area name	Total personal income				Per capita personal income ³			
	Millions of dollars			Percent change ²	Dollars			Rank in State		Millions of dollars			Percent change ²	Dollars			Rank in State
	1987	1988	1989		1987	1988	1989			1987	1988	1989		1987	1988	1989	
West Virginia	20,814	21,882	23,096	5.6	10,966	11,659	12,434		Florence	43	46	50	8.9	10,594	11,283	12,251	60
Metropolitan portion	8,595	9,060	9,584	5.8	12,421	13,234	14,178		Fond du Lac	1,262	1,328	1,478	11.3	14,071	14,689	16,314	13
Nonmetropolitan portion	12,220	12,822	13,512	5.4	10,131	10,755	11,436		Forest	79	83	89	6.6	8,713	9,100	9,738	71
Barbour	134	141	151	7.6	8,548	9,125	10,098	40	Grant	628	665	717	7.8	12,272	13,013	14,046	37
Berkeley	643	699	746	6.7	12,065	12,662	13,120	9	Green	457	476	531	11.5	14,815	15,341	16,996	10
Boone	328	328	342	4.4	11,402	11,632	12,424	13	Green Lake	249	254	279	10.0	13,127	13,361	14,695	28
Braxton	132	140	151	7.4	9,067	9,804	10,651	35	Iowa	241	254	288	13.6	11,783	12,350	13,988	39
Brooke	303	314	343	9.4	10,618	11,098	12,380	14	Iron	63	66	71	7.3	10,004	10,471	11,141	69
Cabell	1,280	1,352	1,434	6.0	12,508	13,430	14,501	4	Jackson	184	193	218	12.6	11,315	11,763	13,233	46
Calhoun	60	63	67	5.7	7,153	7,661	8,079	53	Jefferson	927	989	1,065	7.7	13,641	14,357	15,317	22
Clay	75	77	82	6.7	6,725	6,911	7,427	55	Juniata	249	262	290	10.7	11,537	11,986	13,150	47
Doddridge	62	62	65	4.5	8,462	8,757	9,382	47	Kenosha	1,858	2,048	2,097	2.4	15,447	16,709	17,006	9
Fayette	459	485	503	3.8	8,673	9,333	9,968	42	Kewaunee	254	261	289	10.7	12,577	12,986	14,337	33
Gilmer	68	69	72	4.5	8,716	8,926	9,602	44	La Crosse	1,351	1,445	1,550	7.3	14,232	15,125	16,127	16
Grant	109	115	125	8.2	10,032	10,731	11,231	29	Lafayette	206	208	244	17.5	12,334	12,453	14,760	26
Greenbrier	375	399	424	6.1	10,534	11,383	12,487	12	Langlade	218	230	256	11.3	11,072	11,631	12,931	50
Hampshire	170	183	193	5.7	10,618	11,171	11,740	24	Lincoln	324	342	360	5.3	11,405	11,976	12,506	56
Hancock	484	528	562	6.3	12,901	14,213	15,510	1	Manitowoc	1,052	1,103	1,192	8.0	13,003	13,649	14,825	24
Hardy	116	126	134	6.4	11,009	11,777	12,217	17	Marathon	1,484	1,581	1,734	9.7	13,212	13,942	15,243	23
Harrison	885	919	970	5.6	11,714	12,378	13,182	8	Marquette	491	517	555	7.5	11,660	12,198	12,929	51
Jackson	254	275	289	5.0	9,939	10,815	11,490	26	Milwaukee	143	150	171	13.8	10,916	11,262	12,557	55
Jefferson	411	445	482	8.3	11,929	12,537	13,255	7	Monroe	409	426	458	7.5	11,069	11,353	12,065	61
Kanawha	3,014	3,146	3,327	5.8	13,562	14,367	15,397	2	Oconto	346	359	397	10.5	11,274	11,573	12,629	53
Lewis	178	184	192	4.3	9,912	10,491	11,221	30	Oneida	401	426	457	7.5	12,711	13,308	14,204	34
Lincoln	173	183	192	5.0	7,447	7,947	8,100	52	Outagamie	1,958	2,089	2,241	7.3	14,163	14,836	15,654	18
Logan	473	503	524	4.2	9,749	10,565	11,210	31	Ozaukee	1,415	1,532	1,649	7.6	20,013	21,212	22,373	1
McDowell	319	320	336	4.8	7,471	7,907	8,670	50	Pepin	87	92	100	9.5	11,937	12,470	13,630	42
Marion	691	719	752	4.5	10,912	11,560	12,265	15	Pierce	461	489	523	7.0	13,296	13,970	14,726	27
Marshall	412	435	464	6.8	10,515	11,161	12,039	21	Polk	432	455	489	7.4	12,338	12,842	13,619	43
Mason	245	263	282	7.2	9,321	10,075	10,797	34	Portage	759	822	876	6.7	12,831	13,684	14,419	32
Mercer	824	870	912	4.9	11,517	12,350	13,005	11	Price	202	207	216	4.4	12,282	12,498	13,090	48
Mineral	294	311	321	3.1	10,816	11,444	11,887	22	Racine	2,669	2,847	3,046	7.0	15,538	16,380	17,426	7
Mingo	362	385	406	5.3	10,022	10,786	11,502	25	Richland	186	193	210	8.9	10,741	11,110	12,034	62
Monongalia	930	980	1,060	8.1	11,940	12,677	13,762	6	Rock	1,924	2,065	2,194	6.2	14,233	15,146	16,140	15
Monroe	119	126	134	6.6	9,477	9,945	10,480	36	Rusk	158	169	180	6.4	10,048	10,784	11,486	67
Morgan	133	143	151	6.3	11,203	11,765	11,782	23	St. Croix	778	836	916	9.6	16,157	16,934	18,055	5
Nicholas	276	295	297	7.7	10,041	10,811	11,038	33	Sauk	609	646	722	11.7	13,215	13,890	15,360	21
Ohio	758	807	861	6.6	13,194	14,218	15,372	3	Sawyer	143	153	164	6.8	10,073	10,566	11,141	69
Pendleton	73	76	81	5.9	9,149	9,550	10,065	41	Sheboygan	1,534	1,648	1,783	8.2	14,988	16,001	17,270	8
Pleasants	84	89	92	3.5	10,831	11,521	12,103	20	Taylor	220	246	263	7.0	11,497	12,747	13,552	44
Pocahontas	97	104	109	5.1	10,479	11,358	12,177	19	Trempealeau	314	331	364	9.9	11,996	12,621	13,833	40
Preston	267	274	284	3.5	8,770	9,101	9,455	46	Vernon	288	299	328	10.0	10,847	11,232	12,345	59
Putnam	483	508	545	7.3	11,668	12,157	13,006	10	Vilas	207	220	236	7.4	11,769	12,275	13,041	49
Raleigh	895	916	956	4.3	10,864	11,422	12,187	18	Walworth	1,056	1,116	1,204	7.9	14,477	15,174	16,171	14
Randolph	285	301	323	7.2	9,947	10,652	11,464	27	Washington	149	159	172	7.8	10,779	11,523	12,372	58
Ritchie	99	105	111	5.5	8,922	9,634	10,271	37	Washington	1,431	1,554	1,688	8.7	15,734	16,646	17,734	6
Roane	136	142	147	3.0	8,855	9,323	9,668	43	Waukesha	5,465	5,945	6,385	7.4	18,521	19,669	20,691	2
Summers	111	116	121	4.5	7,189	7,572	7,791	54	Waupaca	588	621	676	8.8	12,971	13,584	14,604	29
Taylor	140	143	148	3.7	8,747	9,086	9,564	45	Waushara	237	247	281	13.6	12,034	12,449	14,013	38
Tucker	80	85	89	4.6	9,761	10,448	11,164	32	Winnebago	2,020	2,149	2,291	6.6	14,771	15,525	16,410	12
Tyler	105	109	118	7.6	9,835	10,403	11,432	28	Wood	1,109	1,170	1,243	6.2	14,073	14,719	15,507	19
Upshur	208	214	228	6.2	8,786	9,268	10,105	39	Shawano (incl. Menominee)	441	463	497	7.3	10,786	11,188	11,860	64
Wayne	416	428	446	4.3	9,394	9,762	10,262	38	Wyoming	6,279	6,592	6,903	4.7	12,822	13,753	14,554	
Webster	89	89	97	9.1	7,806	7,887	8,771	49	Metropolitan portion	1,980	2,079	2,179	4.8	13,941	14,863	15,636	
Wetzel	227	238	248	4.1	10,766	11,525	12,239	16	Nonmetropolitan portion	4,299	4,513	4,724	4.7	12,364	13,296	14,104	
Wirt	42	44	45	2.9	8,077	8,618	8,534	51	Albany	360	383	404	5.6	12,441	13,406	14,170	11
Wood	1,148	1,229	1,281	4.2	12,533	13,533	14,211	5	Big Horn	118	128	130	2.0	9,999	11,089	11,495	22
Wyoming	277	276	281	1.8	8,254	8,467	8,853	48	Campbell	472	489	501	2.4	14,096	14,905	15,663	3
Wisconsin	70,142	74,797	80,457	7.6	14,592	15,408	16,454		Carbon	229	242	262	8.3	12,208	13,173	14,564	9
Metropolitan portion	50,076	53,684	57,478	7.1	15,681	16,615	17,669		Converse	151	154	154	-3	11,905	12,590	13,180	15
Nonmetropolitan portion	20,066	21,113	22,979	8.7	12,437	13,009	14,040		Crook	74	79	77	-2.4	12,443	13,474	13,161	16
Adams	143	149	172	15.2	10,026	10,414	11,945	63	Fremont	366	386	397	2.6	10,589	11,386	11,869	21
Ashland	187	199	215	7.8	10,942	11,709	12,579	54	Goshen	140	151	155	2.5	11,022	12,145	12,428	18
Barron	489	526	566	7.4	11,914	12,664	13,470	45	Hot Springs	70	74	75	1.3	12,242	13,372	13,84	

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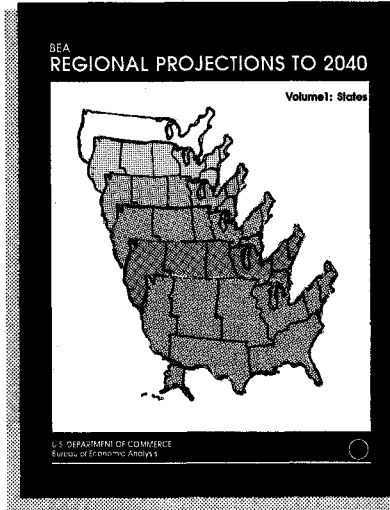
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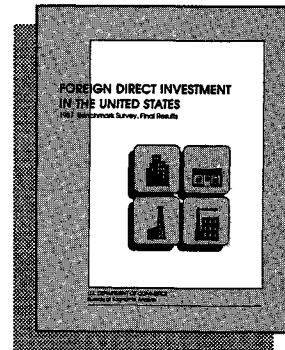
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BUSINESS CYCLE INDICATORS

Business Cycle Peak in July 1990

The National Bureau of Economic Research, Inc. (NBER) has identified July 1990 as a cyclical peak in U.S. economic activity. In accordance with established procedures, shading for the new recession will not be added to the charts on pages C-7 through C-24 until the NBER designates a new cyclical trough. A table listing the NBER-designated peaks and troughs of U.S. business cycles since 1854 is shown on page C-25.

Data tables	C-1
Footnotes for pages C-1 through C-5	C-6
Charts	C-7
Business cycle expansions and contractions	C-25
Specific peak and trough dates for selected indicators	C-26
Titles and sources of series	C-27

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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	1990												1991		
		1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
I. CYCLICAL INDICATORS																
1.1 Composite Indexes																
The Leading Index																
910	Composite index of leading indicators, 1982=100 (L,L,L).....	143.9	144.1	145.4	145.2	146.0	146.2	146.2	144.4	143.2	141.5	139.7	139.5	138.8	140.4	141.1
	Percent change from previous month.....	-.3	-.9	.9	-.1	.6	.1	0	-1.2	-.8	-1.2	-1.3	-1	-.5	1.2	.5
	Percent change over 1-month span, AR.....	-3.6	-10.2	11.4	-1.6	6.8	1.7	0	-13.8	-9.5	-13.4	-14.2	-1.7	-5.9	14.7	6.1
	Percent change over 3-month span, AR.....	-3.8	.3	-.5	5.4	2.2	2.8	-4.3	-8.0	-12.3	-12.4	-9.9	-7.4	2.0	4.7	.....
Contributions of leading index components: ¹																
(1)	Average weekly hours, mfg. (L,L,L).....	.01	.07	0	-.07	.15	.07	-.07	.07	0	-.22	-.15	.15	-.23	-.08	-.15
(5)	Average weekly initial claims for unemployment insurance (inverted) (L,C,L) †.....	-.06	.08	.06	-.08	.08	-.04	-.01	-.12	-.17	-.23	-.21	.02	.08	-.21	-.20
(8)	New orders in 1982\$, consumer goods and materials (L,L,L).....	-.49	.26	.16	-.06	.17	-.14	-.03	.13	-.20	.04	-.32	-.28	.05	.05	-.26
(32)	Vendor performance, slower deliveries diffusion index (L,L,L).....	.02	-.17	.11	.08	.04	.11	-.12	.15	-.05	-.04	.05	-.13	-.15	0	-.04
(20)	Contracts and orders for plant and equipment in 1982\$ (L,L,L).....	-.15	-.13	.25	-.20	-.01	-.04	.21	-.28	.28	.03	-.24	.22	-.06	-.08	-.13
(29)	Building permits, new private housing units (L,L,L).....	-.12	-.83	-.15	-.30	-.12	.12	-.07	-.09	-.16	-.21	-.05	-.20	-.16	.22	.09
(92)	Change in unfilled orders in 1982\$, durable goods, smoothed (L,L,L) †.....	-.09	-.10	-.03	-.07	-.10	-.25	-.10	-.16	-.11	.02	-.28	-.07	0	.07	-.10
(99)	Change in sensitive materials prices, smoothed (L,L,L) †.....	-.03	-.08	.23	.37	.25	.16	.12	.08	-.01	-.15	-.30	-.20	-.08	-.02	-.05
(19)	Stock prices, 500 common stocks, NSA (L,L,L).....	-.03	-.16	.13	0	.19	.16	-.01	-.47	-.26	-.15	.14	.23	-.05	.59	.15
(106)	Money supply M2 in 1982\$ (L,L,L).....	-.08	.08	.01	.01	-.10	-.09	-.08	-.15	-.12	-.16	-.12	-.04	-.11	.17	.23
(83)	Index of consumer expectations, NSA (L,L,L).....	-.10	-.08	0	.10	-.17	-.10	.03	-.53	-.15	-.29	.07	.03	.06	.25	.83
950	Diffusion index of 11 leading indicator components:															
	Percent rising over 1-month span.....	38.3	36.4	72.7	36.4	54.5	45.5	27.3	36.4	13.6	27.3	27.3	45.5	36.4	59.1	36.4
	Percent rising over 6-month span.....	32.2	54.5	54.5	63.6	45.5	27.3	31.8	9.1	9.1	0	18.2	18.2	.....	.....	.....
The Coincident Index																
920	Composite index of coincident indicators, 1982=100 (C,C,C).....	133.1	133.8	134.2	133.7	134.4	134.9	134.6	134.4	133.3	131.8	130.4	129.3	127.4	126.8	126.2
	Percent change from previous month.....	-.3	.8	.3	-.4	.5	.4	-.2	-.1	-.8	-1.1	-1.1	-.8	-1.5	-.5	-.5
	Percent change over 1-month span, AR.....	-3.1	10.4	3.6	-4.4	6.5	4.6	-2.6	-1.8	-9.4	-12.7	-12.0	-9.7	-16.3	-5.5	-5.5
	Percent change over 3-month span, AR.....	-3.0	1.2	3.0	1.8	2.1	2.7	0	-4.7	-8.1	-11.4	-11.5	-12.7	-10.6	-9.3	.....
Contributions of coincident index components: ¹																
(41)	Employees on nonagricultural payrolls (C,C,C).....	.04	.22	.12	.04	.31	.15	-.06	-.09	0	-.13	-.19	-.11	-.14	-.21	-.20
(51)	Personal income less transfer payments in 1982\$ (C,C,C).....	-.03	.20	.16	.05	.01	.06	.13	-.23	-.19	-.55	.10	.22	-.73	-.07	.10
(47)	Industrial production (C,C,C).....	-.03	.26	.10	-.03	.15	.18	.08	.03	-.18	-.41	-.28	-.16	-.24	-.14	-.14
(57)	Manufacturing and trade sales in 1982\$ (C,C,C).....	-.92	.33	.15	-.24	.23	.15	-.16	.29	-.46	-.06	-.40	-.53	-.22	.19	.....
951	Diffusion index of 4 coincident indicator components:															
	Percent rising over 1-month span.....	54.2	100.0	100.0	50.0	100.0	100.0	50.0	50.0	25.0	0	25.0	25.0	0	25.0	33.3
	Percent rising over 6-month span.....	52.1	100.0	100.0	100.0	100.0	50.0	75.0	0	0	0	0	0	0	.....	.....
The Lagging Index																
930	Composite index of lagging indicators, 1982=100 (Lg,Lg,Lg).....	118.9	118.6	119.0	119.4	119.1	118.7	119.2	118.7	118.7	118.6	118.6	119.4	119.9	119.4	119.7
	Percent change from previous month.....	0	-.3	.3	.3	-.3	-.3	.4	-.4	0	-.1	0	.7	.4	-.4	.3
	Percent change over 1-month span, AR.....	-.2	-4.0	4.1	4.1	-3.0	-4.0	5.2	-4.9	0	-1.0	0	8.4	5.1	-4.9	3.1
	Percent change over 3-month span, AR.....	-.1	-2.3	1.4	1.7	-1.0	-.7	-1.3	0	-2.0	-.3	2.4	4.5	2.7	1.0	.....
Contributions of lagging index components: ¹																
(91)	Average duration of unemployment (inverted) (Lg,Lg,Lg) †.....	-.04	.20	-.15	-.05	.25	-.20	-.05	-.10	-.05	-.20	-.20	0	0	-.19	-.13
(77)	Ratio, mfg. and trade inventories to sales in 1982\$ (Lg,Lg,Lg).....	.03	-.39	-.13	.26	-.13	-.13	.13	-.26	.26	.13	.26	.26	.26	-.13	.....
(62)	Change in labor cost per unit of output, mfg., smoothed (Lg,Lg,Lg) †.....	.07	-.17	.05	.05	.07	.03	-.03	-.05	-.03	.02	.10	.78	.18	.03	-.12
(109)	Average prime rate, NSA (Lg,Lg,Lg).....	-.02	-.06	0	0	0	0	0	0	0	0	0	0	-.28	-.28	-.04
(101)	Commercial and industrial loans in 1982\$ (Lg,Lg,Lg).....	-.03	.33	.53	.04	-.27	.08	.05	-.25	-.15	-.56	-.01	.08	.04	.20	.72
(95)	Ratio, consumer installment credit to personal income (Lg,Lg,Lg).....	-.09	-.31	-.19	-.06	.06	-.22	.09	.09	-.06	.12	-.03	-.31	.03	-.25	.....
(120)	Change in CPI for services, smoothed (Lg,Lg,Lg) †.....	.02	.10	.19	0	-.19	.05	.14	.14	.05	-.10	-.14	-.19	.24	.14	-.20
952	Diffusion index of 7 lagging indicator components:															
	Percent rising over 1-month span.....	47.6	42.9	50.0	57.1	50.0	50.0	64.3	35.7	35.7	64.3	35.7	35.7	57.1	78.6	20.0
	Percent rising over 6-month span.....	42.6	35.7	42.9	35.7	50.0	50.0	64.3	35.7	35.7	64.3	35.7	35.7	40.0	.....	.....
940	Ratio, coincident index to lagging index, 1982=100 (L,L,L).....	111.9	112.8	112.8	112.0	112.8	113.6	112.9	113.2	112.3	111.1	109.9	108.3	106.3	106.2	105.4

NOTE.—The following current high values were reached before February 1990: January 1984—BCI-940 (116.1) and October 1989—BCI-930 (120.0).

See page C-6 for other footnotes.

Series no.	Series title and timing classification	1990												1991		
		1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1. CYCLICAL INDICATORS — Continued																
1.2 Employment and Unemployment																
	Marginal employment adjustments:															
1 *	Average weekly hours, mfg. (L,L,L).....	40.8	40.8	40.8	40.7	40.9	41.0	40.9	41.0	41.0	40.7	40.5	40.7	40.4	*40.3	*40.1
21 *	Average weekly overtime hours, mfg. (L,C,L).....	3.6	3.6	3.7	3.5	3.8	3.8	3.7	3.8	3.7	3.6	3.5	3.6	3.4	*3.3	*3.2
5 *	Average weekly initial claims for unemployment insurance, thous. (L,C,L) †.....	380	353	346	356	346	351	352	368	391	425	459	455	442	476	512
	Job vacancies:															
46 *	Index of help-wanted advertising, 1967=100 (L,Lg,U).....	129	142	139	137	134	132	132	127	122	116	107	108	100	*97	*94
60 *	Ratio, help-wanted advertising to unemployment (L,Lg,U).....	.559	.642	.630	.609	.598	.599	.575	.539	.512	.483	.434	.423	.386	*.354	*.326
	Employment:															
48 *	Employee hours in nonagricultural establishments, bil. hours, AR (U,C,C).....	204.22	203.78	203.90	202.88	204.58	206.16	205.55	204.74	205.76	202.80	203.48	204.24	*201.54	*202.05	*200.98
42	Persons engaged in nonagricultural activities, thous. (U,C,C).....	114,728	114,955	115,038	114,950	114,991	114,958	114,774	114,538	114,689	114,558	114,201	114,321	113,759	113,696	113,656
41 *	Employees on nonagricultural payrolls, thous. (C,C,C).....	110,321	109,958	110,122	110,177	110,617	110,829	110,740	110,613	110,612	110,432	110,165	110,004	*109,813	*109,522	*109,316
963	Diffusion index of employees on private nonagricultural payrolls, 349 industries:															
	Percent rising over 1-month span.....	49.2	58.6	53.7	49.9	55.8	49.9	50.8	48.2	45.8	42.3	38.8	41.4	*41.7	*36.4	*39.5
	Percent rising over 6-month span.....	44.9	56.5	55.5	55.9	51.4	48.3	45.4	39.9	36.8	*33.6	*30.2	*27.8			
40 *	Employees in goods-producing industries, thous. (L,C,U).....	25,001	25,339	25,259	25,180	25,191	25,162	25,105	25,013	24,931	24,777	24,511	24,416	*24,193	*24,063	*23,897
90 *	Ratio, civilian employment to population of working age, percent (U,Lg,U).....	62.7	63.0	63.0	62.9	63.0	62.9	62.7	62.5	62.6	62.4	62.2	62.3	61.9	61.8	61.7
	Unemployment:															
37	Number of persons unemployed, thous. (L,Lg,U) ‡.....	6,874	6,579	6,563	6,691	6,662	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572
43 *	Civilian unemployment rate, percent (L,Lg,U) ‡.....	5.5	5.3	5.3	5.4	5.3	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8
45	Avg. weekly insured unemploy. rate, percent (L,Lg,U) †.....	2.4	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.2
91 *	Average duration of unemployment, in weeks (Lg,Lg) ‡.....	12.1	11.7	11.9	12.1	11.6	12.0	12.1	12.3	12.4	12.0	12.4	12.4	12.4	12.8	13.0
44	Unemployment rate, 15 weeks and over, percent (Lg,Lg) ‡.....	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.6	1.7
1.3 Production and Income																
	Output and income:															
50 *	Gross national product, bil. 1982\$, AR (C,C,C).....	4,157.3	4,150.6			4,155.1			4,170.0			4,153.4			*4,123.9	
	Percent change from previous quarter, AR.....	1.0	1.7			4			1.4			-1.6			*-2.8	
49	Value of goods output, bil. 1982\$, AR (C,C,C).....	1,829.3	1,825.4			1,831.3			1,839.7			1,821.0			*1,798.6	
52	Personal income, bil. 1982\$, AR (C,C,C).....	3,406.1	3,404.2	3,413.6	3,415.8	3,415.7	3,422.3	3,428.5	3,414.9	3,404.2	3,375.9	3,383.2	3,400.2	*3,372.9	*3,369.5	*3,375.5
51 *	Personal income less transfer payments, bil. 1982\$, AR (C,C,C).....	2,896.8	2,897.0	2,905.9	2,908.8	2,909.2	2,912.5	2,919.6	2,906.6	2,896.1	2,865.5	2,871.0	2,883.2	*2,843.2	*2,839.6	*2,843.6
53 *	Wages and salaries in mining, mfg., and construction, bil. 1982\$, AR (C,C,C).....	532.0	540.3	540.6	536.0	540.4	539.8	537.5	532.0	529.3	522.1	513.4	515.9	*506.4	*502.6	*500.6
	Industrial production indexes, 1987=100:															
47 *	Total (C,C,C).....	109.2	108.5	108.9	108.8	109.4	110.1	110.4	110.5	110.6	109.9	108.3	107.2	106.6	105.7	*105.3
73 *	Durable manufactures (C,C,C).....	111.6	110.7	111.9	111.1	112.6	113.4	113.4	113.5	113.8	112.5	109.9	*107.5	107.0	*106.2	*105.5
74 *	Nondurable manufactures (C,L,L).....	107.8	108.3	107.2	107.5	107.4	107.6	108.1	108.1	108.0	108.4	107.7	*107.4	*106.9	*105.7	*105.5
	Capacity utilization rates (percent):															
124	Total industry (L,C,U).....	83.0	83.3	83.4	83.2	83.4	83.8	83.8	83.7	83.6	83.0	81.6	*80.6	*80.0	79.1	*78.7
82 *	Manufacturing (L,C,U).....	82.3	83.0	83.0	82.5	82.9	83.1	83.1	82.9	82.8	82.2	80.7	*78.9	*77.9		*77.4
1.4 Consumption, Trade, Orders, and Deliveries																
	Orders and deliveries:															
7 *	Mfrs.' new orders, durable goods, bil. 1982\$ (L,L,L) \$.....	1,251.12	*102.48	*109.28	*104.58	*108.01	*105.44	*107.11	*106.54	*104.35	*107.54	*95.40	*98.70	*96.55	*96.24	*90.11
8 *	Mfrs.' new orders, consumer goods and materials, bil. 1982\$ (L,L,L) \$.....	1,106.35	*91.56	*94.99	*93.61	*96.39	*94.67	*93.60	*96.32	*92.32	*93.07	*87.67	*83.15	*83.96	*84.68	*80.72
	Mfrs.' unfilled orders, durable goods, mil. 1982\$ ◊.....	416,085	*418,768	*421,986	*423,070	*423,364	*420,903	*422,577	*420,696	*420,570	*422,157	*415,076	*416,085	*415,859	*415,989	*411,732
	Change from previous month, bil. 1982\$ §.....	-25	*-1.85	*3.22	*1.08	*.29	*-2.46	*1.67	*-1.88	*-1.13	*1.59	*-7.08	*1.01	*-.23	*.13	*-4.26
92 *	Change from previous month, bil. 1982\$, smoothed (L,L,L) † §.....	.76	*2.30	*2.18	*1.97	*1.62	*.86	*.53	*.01	*-31	*-25	*-1.13	*-1.35	*-1.34	*-1.13	*-1.43
32 *	Vendor performance, slower deliveries diffusion index, percent (L,L,L).....	47.9	43.3	45.8	47.1	48.0	50.1	47.3	50.9	49.7	48.7	49.9	46.8	43.3	43.3	42.4
	Consumption and trade:															
57 *	Manufacturing and trade sales, mil. 1982\$ (C,C,C).....	5,747,378	*479,960	*482,996	*478,669	*483,199	*485,973	*482,801	*488,778	*479,875	*478,691	471,024	461,198	*457,206	*460,657	
75 *	Index of industrial production, consumer goods, 1987=100 (C,L,C).....	107.3	107.0	107.5	107.2	107.4	107.8	107.5	107.8	108.7	108.6	106.5	*105.7	*105.5	*104.5	*104.9
59 *	Sales of retail stores, mil. 1982\$ (U,L,U).....	1,467,319	*123,674	*122,903	*122,086	*121,934	*122,666	*123,057	*122,476	*122,401	*121,268	*121,488	118,849	*117,118	*119,416	*118,826
	Indexes of consumer attitudes:															
58	Consumer sentiment, U. of Michigan, 1966=100, NSA (L,L,L) © ²	81.6	89.5	91.3	93.9	90.6	88.3	88.2	76.4	72.8	63.9	66.0	65.5	66.8	70.4	87.7
83 *	Consumer expectations, U. of Michigan, 1966=100, NSA (L,L,L) © ²	70.2	81.3	81.3	83.9	79.3	76.6	77.3	62.9	58.8	50.9	52.8	53.7	55.2	62.0	84.5
122	Consumer confidence, The Conference Board, 1985=100 (L,L,L).....	91.5	106.7	110.6	107.3	107.3	102.4	101.7	84.7	85.6	62.6	61.7	61.2	55.1	*59.4	*81.0
123 *	Consumer expectations, The Conference Board, 1985=100 (L,L,L).....	83.7	93.7	101.9	99.2	100.3	96.6	91.8	74.2	77.7	55.6	56.1	59.8	55.3	*63.6	*100.4
1.5 Fixed Capital Investment																
	Formation of business enterprises:															
12 *	Index of net business formation, 1967=100 (L,L,L).....	120.7	125.1	124.7	123.3	121.6	121.1	120.0	119.7	118.6	117.2	116.1	115.2	117.7	120.4	*117.2
13 *	Number of new business incorporations (L,L,L).....	646,508	56,325	56,172	55,000	53,616	53,784	52,088	52,382	52,454	52,181	51,422	*51,943			
	Business investment commitments:															
10	Contracts and orders for plant and equipment, bil.\$ (L,L,L) \$.....	458.28	*36.99	*41.25	*36.54	*36.56	*36.34	*38.90	*35.19	*38.06	*40.83	*35.46	*41.77	*37.72	*37.33	*33.40
20 *	Contracts and orders for plant and equipment, bil. 1982\$ (L,L,L) \$.....	539.77	*43.51	*47.92	*43.62	*43.65	*42.55	*46.68	*41.21	*46.85	*47.37	*42.89	*47.01	*45.86	*44.42	*42.07
27 *	Mfrs.' new orders, nondefense capital goods, bil. 1982\$ (L,L,L) \$.....	499.71	*39.47	*44.02	*40.42	*39.92	*39.48	*43.81	*38.38	*43.97	*44.52	*39.27	*44.46	*42.87	*41.60	*39.62
9 *	Construction contracts awarded for commercial and industrial buildings, mil. sq. ft. (L,C,U) © ³	713.94	67.44	68.19	64.01	65.14	57.86	52.04	54.43	57.76	53.26	54.97	46.25	50.14	54.86	44.82
11	Newly approved capital appropriations, mfg., bil.\$ (U,Lg,U).....	144.50	33.06			34.78			41.89			*34.77				
97	Backlog of capital appropriations, mfg., bil.\$ (C,Lg,Lg) ◊.....	100.18		109.02			105.06			106.34			*100.18			

NOTE.—The following current high values were reached before February 1990: May 1983—BCI-123 (124.3); November 1983—BCI-32 (67.5); March 1984—BCI-58 (101.0), BCI-83 (97.7), BCI-92 change (8.62), and BCI-92 smoothed (4.61); September 1985—BCI-9 (93.19); December 1986—BCI-13 (65.691); November 1987—BCI-46 (162); October 1988—BCI-5 (290) and BCI-53 (568.0); November 1988—BCI-1 (41.2); December 1988—BCI-7 (115.44), BCI-8 (99.79), and BCI-60 (0.741); January 1989—BCI-40 (25.399) and BCI-82 (85.1);

February 1989—BCI-21 (4.0) and BCI-122 (120.7); March 1989—BCI-12 (126.5), BCI-37 (6.252), and BCI-43 (5.1); 1st Q 1989—BCI-11 (50.01); April 1989—BCI-124 (85.0); May 1989—BCI-45 (2.0); June 1989—BCI-91 (11.2); 2d Q 1989—BCI-97 (117.90); August 1989—BCI-59 (124.761); November 1989—BCI-90 (63.1); and December 1989—BCI-10 (46.27), BCI-20 (51.62), and BCI-27 (46.54).

See page C-6 for other footnotes.

Series no.	Series title and timing classification	Year	1990											1991			
		1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	*
I. CYCLICAL INDICATORS — Continued																	
1.5 Fixed Capital Investment — Continued																	
61	Business investment expenditures:	532.96	532.45			535.49			534.86			529.02			540.82		
	New plant and equipment expenditures by business, bil.\$, AR (C,Lg,Lg)																
100	New plant and equipment expenditures by business, bil. 1982\$, AR (C,Lg,Lg)	524.18	524.07			527.06			520.80			524.30			535.73		
69	Mfrs.' machinery and equipment sales and business construction expenditures, bil.\$, AR (C,Lg,Lg) §	459.79	471.80	460.35	452.09	451.08	465.52	455.24	465.32	462.50	463.06	454.52	462.95	450.22	455.86		
76	Index of industrial production, business equipment, 1987=100 (C,Lg,U)	123.1	120.1	122.2	121.6	123.5	124.4	125.0	125.4	126.4	125.4	122.9	121.2	121.8	121.1	120.5	
	Gross private nonres. fixed investment, bil. 1982\$, AR:																
86	Total (C,Lg,C)	515.4	514.6			508.4			519.3			519.4			499.6		
87	Structures (Lg,Lg,Lg)	120.9	123.8			120.9			122.4			116.4			113.0		
88	Producers' durable equipment (C,Lg,C)	394.6	390.8			387.5			397.0			403.1			386.5		
	Residential construction and investment:																
28	New private housing units started, thous., AR (L,L,L)	1,193	1,459	1,298	1,217	1,208	1,187	1,155	1,131	1,106	1,026	1,130	971	847	993	901	
29	Index of new private housing units authorized by local building permits, 1967=100 (L,L,L)	88.7	103.4	98.2	88.4	84.9	88.4	86.3	83.7	79.1	73.4	72.2	67.3	63.6	68.8	71.1	
89	Gross private residential fixed investment, bil. 1982\$, AR (L,L,L)	176.8	188.3			182.8			173.0						151.2		
1.6 Inventories and Inventory Investment																	
	Inventory investment:																
30	Change in business inventories, bil. 1982\$, AR (L,L,L)	-3.6	-2.2			9.5			4.7			-26.4			-20.7		
31	Change in mfg. and trade inventories, bil.\$, AR (L,L,L) §	16.7	-8.6	-4.7	29.4	52.2	-47.6	77.9	54.2	44.1	39.2	24.6	-66.3	54.0	-19.4		
	Inventories on hand:																
70	Mfg. and trade inventories, bil. 1982\$ (Lg,Lg,Lg) ¶	692.69	695.19	695.32	697.26	700.03	696.87	700.40	699.18	698.15	697.82	697.98	692.69	695.69	693.78		
77	Ratio, mfg. and trade inventories to sales in 1982\$ (Lg,Lg,Lg)	1.46	1.45	1.44	1.46	1.45	1.43	1.45	1.43	1.45	1.46	1.48	1.50	1.52	1.51		
1.7 Prices, Costs, and Profits																	
	Sensitive commodity prices:																
99	Index of sensitive materials prices, 1982=100	126.33	124.22	125.67	127.42	127.54	127.36	127.58	128.04	127.79	126.53	124.31	123.72	123.48	123.06	121.93	121.93
	Percent change from previous month	-1.19	-1.21	1.17	1.39	.09	-1.14	.17	.36	-2.0	-9.9	-1.75	-1.47	-1.9	-3.4	-9.2	-9.2
	Percent change from previous month, smoothed (L,L,L) †	-2.7	-1.11	-8.7	-4.2	-10	.09	.21	.30	.29	.11	-2.5	-4.9	-5.9	-6.1	-6.7	-6.7
98	Index of producer prices for sensitive crude and intermediate materials, 1982=100 (L,L,L)	140.39	137.53	138.41	141.05	142.50	141.46	141.94	142.59	142.33	141.13	139.33	138.69	138.08	137.68	136.70	136.70
	Cattle hides	217.9	235.2	217.6	218.6	220.9	224.4	222.7	220.1	215.3	210.8	212.3	205.8	203.6	196.4	185.8	185.8
	Lumber and wood products	129.7	130.0	130.4	131.6	131.2	130.3	130.3	129.9	129.3	127.8	127.4	127.9	128.4	127.5	127.8	127.8
	Waste paper, news	103.6	106.4	105.4	105.6	106.9	106.8	107.3	105.6	100.6	95.4	94.4	99.3	100.0	108.4	114.0	114.0
	Waste paper, mixed, NSA	86.9	81.0	80.6	91.9	92.0	90.6	90.6	89.0	82.1	81.3	81.9	81.5	80.7	78.6	80.2	80.2
	Waste paper, corrugated	164.8	170.8	166.5	165.6	165.3	163.2	158.6	152.9	151.5	165.6	171.1	175.6	184.5	195.6	194.5	194.5
	Iron and steel scrap	166.1	152.7	156.2	163.4	174.2	169.6	170.8	174.4	174.6	170.6	170.6	167.5	158.2	152.9	151.9	151.9
	Copper base scrap	181.5	160.5	170.4	181.5	186.2	187.8	190.2	198.8	196.0	191.4	177.3	176.0	176.1	181.4	174.8	174.8
	Aluminum base scrap	172.6	160.4	159.2	167.7	167.9	168.3	170.6	177.6	184.1	191.7	179.4	170.6	168.1	166.3	160.3	160.3
	Other nonferrous scrap, n.e.c., NSA	158.3	138.8	156.0	164.2	163.7	160.3	161.0	168.4	172.4	166.0	156.1	147.0	146.9	146.5	145.8	145.8
	Sand, gravel, and crushed stone	125.5	124.6	125.1	125.0	125.4	125.5	125.4	125.7	125.9	126.0	126.5	126.9	127.2	128.9	128.7	128.7
	Raw cotton	118.1	113.3	115.2	116.5	117.5	118.4	124.2	119.9	119.3	121.3	119.6	124.9	120.2	134.3	128.9	128.9
	Domestic apparel wool	89.6	106.0	101.7	96.0	89.8	86.6	84.1	81.7	79.6	78.0	75.8	75.3	75.5	66.8	58.0	58.0
	Index of spot market prices, raw industrial materials, 1967=100, NSA (U,L,L) ¶	310.7	301.1	304.5	310.9	314.7	317.2	319.7	321.1	320.0	313.9	303.2	301.2	298.6	293.9	292.4	292.4
	Copper scrap, \$ per lb. @	904	841	846	951	938	883	979	1,084	990	890	851	823	859	916	889	889
	Lead scrap, \$ per lb. @	234	258	238	234	227	226	225	263	256	236	193	184	179	181	193	193
	Steel scrap, \$ per ton @	107,646	96,836	98,000	109,566	116,303	117,647	114,757	111,765	111,881	106,195	105,316	106,339	100,873	99,903	100,200	100,200
	Tin, \$ per lb., NSA @	3,462	3,405	3,475	3,528	3,480	3,362	3,268	3,495	3,390	3,608	3,548	3,328	3,292	3,252	3,202	3,202
	Zinc, \$ per lb., NSA @	777	669	762	830	870	874	866	831	810	728	700	700	700	620	620	620
	Burlap, \$ per yd., NSA @	287	282	286	288	288	288	288	288	288	288	288	288	288	288	288	288
	Cotton, \$ per lb. @	712	669	689	701	697	707	763	756	735	739	727	723	736	822	795	795
	Print cloth, \$ per yd., NSA @	741	710	700	700	700	740	740	740	778	790	790	801	798	782	810	810
	Wool tops, \$ per lb., NSA @	4,893	4,500	4,738	5,000	5,000	5,000	5,000	5,000	5,250	5,240	4,712	4,600	4,600	4,600	4,312	4,312
	Hides, \$ per lb., NSA @	1,021	1,028	1,048	1,098	1,102	1,080	1,067	1,011	975	947	930	942	915	858	866	866
	Rosin, \$ per 100 lb. @	63,121	65,217	65,347	63,370	62,874	63,317	64,090	64,483	64,090	61,934	59,901	59,140	59,062	58,766	58,997	58,997
	Rubber, \$ per lb. @	464	454	462	454	457	455	438	460	482	475	483	490	483	484	492	492
	Tallow, \$ per lb. @	133	138	135	130	131	133	127	128	129	136	138	139	133	124	132	132
	Consumer Price Index for services, 1982-84=100	139.2	136.2	137.0	137.6	137.9	138.8	139.6	140.4	141.1	141.6	142.1	142.7	143.9	144.6	144.9	144.9
	Percent change from previous month, AR	5.8	5.4	7.3	5.4	2.6	8.1	7.1	6.1	4.3	4.3	5.2	10.6	6.0	2.5	2.5	2.5
	Percent change from previous month, AR, smoothed (Lg,Lg,Lg) †	3.9	3.5	5.8	6.0	5.6	5.8	6.0	6.3	6.4	6.2	5.9	5.5	6.0	6.3	6.0	6.0
19	Index of stock prices, 500 common stocks, 1941-43=100, NSA (L,L,L)	334.59	330.45	338.47	338.18	350.25	360.39	360.03	330.75	315.41	307.12	315.29	328.75	325.49	362.26	372.28	372.28
	Profits and profit margins:																
16	Corporate profits after tax, bil.\$, AR (L,L,L)	172.5	167.1			166.1			179.4			177.6					
18	Corporate profits after tax, bil. 1982\$, AR (L,L,L)	136.3	133.4			131.1			141.8			138.5					
22	Ratio, corporate domestic profits after tax to corporate domestic income, percent (L,L,L)	4.6	4.6			4.6			4.8			4.3					
81	Ratio, corporate domestic profits after tax with IVA and CCAAdj to corporate domestic income, percent (U,L,L)	4.3	4.6			4.9			4.1			3.7					
26	Ratio, implicit price deflator to unit labor cost, all persons, nonfarm business sector, 1982=100 (L,L,L)	103.6	103.7			103.7			103.6			103.4					
35	Corporate net cash flow, bil. 1982\$, AR (L,L,L)	391.1	389.1			385.7			395.9			393.6					
	Unit labor costs:																
63	Index of unit labor cost, all persons, business sector, 1982=100 (Lg,Lg,Lg) ¶	123.0	121.1			122.5			123.6			124.8					
	Index of labor cost per unit of output, mfg., 1987=100	101.8	101.1	101.6	101.6	101.7	101.7	101.5	101.4	101.4	101.5	101.8	104.2	103.6	103.8	104.0	104.0
	Percent change from previous month, AR	2.9	-6.9	6.1	0	1.2	0	-2.3	-1.2	0	1.2	3.6	3.2	-6.7	-2.3	-2.3	-2.3
62	Percent change from previous month, AR, smoothed (Lg,Lg,Lg) †	.3	-9	-6	-3	.1	.3	.1	-2	-4	-3	.3	5.0	6.1	6.3	5.8	5.8
1.8 Money and Credit																	
	Money:																
85	Percent change in money supply M1 (L,L,L)	.33	.72	.45	.37	-0.2	.50	-1.0	.72	.65	-0.7	.26	.26	.16	1.17	.78	.78
102	Percent change in money supply M2 (L,C,U)	.27	.66	.45	.32	.09	.24	.15									

Series no.	Series title and timing classification	1990												1991		
		1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. *
1. CYCLICAL INDICATORS — Continued																
1.8 Money and Credit — Continued																
107	Velocity of money:															
	Ratio, GNP to money supply M1 (C.C.C.).....	6.729	6.716			6.729			6.756			6.714			6.659	
108	Ratio, personal income to money supply M2 (C.Lg.C.).....	1.411	1.401	1.405	1.404	1.408	1.410	1.415	1.413	1.414	1.413	1.419	1.424	1.418	1.410	1.405
Credit flows:																
112	Net change in business loans, bil.\$, AR (L,L,L) \$.....	15.93	47.52	129.24	-20.44	-23.38	6.16	42.37	42.59	55.12	-26.52	-34.82	-50.38	23.40	-30.06	74.94
113	Net change in consumer installment credit, bil.\$, AR (L,L,L) \$.....	22.39	.48	30.91	4.68	43.80	1.39	56.74	36.67	34.04	16.46	33.14	-4.10	-27.11	-27.54	
111	Percent change in business and consumer credit outstanding, AR (L,L,L) \$.....	-8	4.4	6.9	-1.3	-8	-6.6	6.2	.5	-3.9	-9	-4.3	-10.2	.1	-1.2	
110	Funds raised by private nonfinancial borrowers in credit markets, mil.\$, AR (L,L,L).....	412,869	537,780			426,036			433,916			253,744				
Credit difficulties:																
14	Current liabilities of business failures, mil.\$, NSA (L,L,L) \$.....	64,044.0	7,247.4	3,579.7	6,365.2	4,932.2	9,932.0	3,087.0	5,973.9	4,017.2	4,473.0	3,591.9	4,676.5			
39	Percent of consumer installment loans delinquent 30 days and over (L,L,L) %.....	2.57	2.41	2.46	2.60	2.55	2.55	2.53	2.43	2.56	2.47	2.47	2.57			
Bank reserves:																
93	Free reserves, mil.\$, NSA (L,U,U) \$.....	507	76	687	672	503	239	385	68	290	455	741	1,362	1,662	1,591	988
94	Member bank borrowings from the Federal Reserve, mil.\$, NSA (L,Lg,U).....	928	1,448	2,124	1,628	1,335	881	757	927	624	410	230	326	534	252	241
Interest rates (percent, NSA):																
119	Federal funds rate (L,Lg,Lg).....	8.10	8.24	8.28	8.26	8.18	8.29	8.15	8.13	8.20	8.11	7.81	7.31	6.91	6.25	6.12
114	Discount rate on new issues of 91-day Treasury bills (C,Lg,Lg).....	7.51	7.76	7.87	7.78	7.78	7.74	7.66	7.44	7.38	7.19	7.07	6.81	6.30	5.95	5.91
116	Yield on new issues of high-grade corporate bonds (Lg,Lg,Lg).....	9.84	9.68	9.79	10.02	9.97	9.69	9.72	10.05	10.17	10.09	9.83	9.55	9.60	9.14	9.14
115	Yield on long-term Treasury bonds (C,Lg,Lg).....	8.73	8.66	8.74	8.92	8.90	8.62	8.64	8.97	9.11	8.93	8.60	8.31	8.33	8.12	8.38
117	Yield on municipal bonds, 20-bond average (U,Lg,Lg).....	7.27	7.22	7.29	7.39	7.35	7.24	7.19	7.32	7.43	7.49	7.18	7.09	7.08	6.91	7.10
118	Secondary market yields on FHA mortgages (Lg,Lg,Lg).....	10.17	10.22	10.30	10.75	10.23	10.18	10.11	10.28	10.24	10.23	9.81	9.66	9.58	9.57	9.61
109	Average prime rate charged by banks (Lg,Lg,Lg).....	10.01	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.52	9.05
Outstanding debt:																
66	Consumer installment credit outstanding, mil.\$ (Lg,Lg,Lg) \$.....	739,014	717,869	720,445	720,835	724,485	724,601	729,329	732,385	735,222	736,595	739,357	739,014	736,756	734,461	
72	Commercial and industrial loans outstanding, mil.\$, (Lg,Lg,Lg) \$.....	465,221	455,463	466,233	464,530	462,582	463,095	466,626	470,175	474,768	472,558	469,656	465,458	467,408	464,903	471,148
101	Commercial and industrial loans outstanding, mil. 1982\$ (Lg,Lg,Lg) \$.....	400,174	398,132	408,260	407,125	403,649	405,157	407,534	403,584	400,986	391,190	391,054	392,460	393,110	396,675	405,812
95	Ratio, consumer installment credit outstanding to personal income, percent (Lg,Lg,Lg).....	15.68	15.74	15.68	15.66	15.68	15.61	15.64	15.67	15.65	15.69	15.68	15.58	15.59	15.51	

1.9 Alternative Composite Indexes

Series no.	Series title	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
990	CIBCR long-leading composite index, 1967=100 ¹	237.9	238.1	236.9	235.6	236.3	237.1	237.4	237.8	239.1	240.5	240.2	234.7	233.2	235.2	236.6
991	CIBCR short-leading composite index, 1967=100 ¹	201.8	200.0	202.6	201.9	204.0	203.8	203.4	203.8	203.0	201.3	199.0	199.0	198.0	197.2	198.3

2. OTHER IMPORTANT ECONOMIC MEASURES**2.1 Savings**

Series no.	Series title	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
290	Gross saving, bil.\$, AR.....	657.3	664.8			679.3			665.9			619.2				
295	Business saving, bil.\$, AR.....	607.8	603.7			611.6			605.8			610.3				
292	Personal saving, bil.\$, AR.....	180.1	191.3			195.1			166.5			167.5			165.9	
298	Government surplus or deficit, bil.\$, AR.....	-130.6	-130.2			-127.3			-106.4			-158.6				
293	Personal saving rate, percent.....	4.6	4.9			5.0			4.2			4.2			4.1	

2.2 Prices, Wages, and Productivity

Price Movements																
Series no.	Series title	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
310	Implicit price deflator for gross national product, 1982=100.....	131.5	129.5			131.0			132.2			133.1			134.9	
	Percent change from previous quarter, AR.....	4.1	4.8			4.7			3.7			2.8			5.5	
311	Fixed-weighted price index, gross domestic business product, 1982=100.....	133.3	131.3			132.5			133.9			135.4			136.9	
	Percent change from previous quarter, AR.....	4.5	6.3			3.7			4.1			4.7			4.6	
Consumer Price Indexes for all urban consumers:																
320	All items, 1982-84=100, NSA.....	130.7	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	134.6	134.8	135.0
	Percent change over 1-month span.....	.5	.5	.4	.2	.2	.6	.4	.8	.8	.6	.3	.3	.4	.2	-1
	Percent change over 6-month span, AR.....	5.8	5.3	5.8	4.6	5.4	6.2	6.9	7.2	6.6	6.7	5.4	3.7			
323	All items less food and energy, 1982-84=100.....	135.5	133.1	133.8	134.3	134.6	135.3	136.0	136.7	137.3	137.7	138.1	138.6	139.7	140.7	140.9
	Percent change over 1-month span.....	.4	.6	.5	.4	.2	.5	.5	.5	.4	.3	.3	.4	.8	.7	.1
	Percent change over 6-month span, AR.....	5.4	5.3	5.5	5.7	5.5	5.3	5.1	5.3	4.9	5.5	5.9	5.3			
Producer Price Indexes:																
336	Finished goods, 1982=100.....	119.2	117.4	117.3	117.2	117.6	117.6	118.0	119.3	120.8	122.3	122.8	122.1	122.0	121.3	120.9
	Percent change over 1-month span.....	.5	-1	-1	-1	.3	0	.3	1.1	1.3	1.2	.4	-6	-1	-6	-3
	Percent change over 6-month span, AR.....	4.9	4.9	3.7	.9	3.3	6.1	8.9	9.0	7.8	6.9	3.4	.2	.2	.4	.2
337	Finished goods less foods and energy, 1982=100.....	126.6	124.9	125.4	125.6	126.2	126.4	126.8	127.1	127.5	127.8	128.4	128.6	129.3	129.8	130.0
	Percent change over 1-month span.....	.3	.3	.4	.2	.5	.2	.3	.2	.3	.2	.5	.2	.5	.4	.2
	Percent change over 6-month span, AR.....	3.7	3.9	3.6	3.7	3.6	3.4	3.5	3.5	3.5	4.0	4.3	4.0	4.0	3.8	3.5
334	Finished consumer goods, 1982=100.....	118.2	116.4	116.1	115.9	116.4	116.3	116.6	118.3	120.2	122.1	122.6	121.5	121.3	120.3	119.7
	Percent change over 1-month span.....	.5	-2	-3	-2	.4	-1	.3	1.5	1.6	1.6	.4	-9	-2	-8	-5
	Percent change over 6-month span, AR.....	5.5	5.5	3.9	0	3.3	7.2	11.0	10.9	9.1	8.2	3.4	-8	-8	-8	-5
333	Capital equipment, 1982=100.....	122.9	121.4	121.9	122.1	122.2	122.7	123.0	123.4	123.8	124.1	124.4	124.8	125.2	125.5	125.8
	Percent change over 1-month span.....	.3	.3	.4	.2	.1	.4	.2	.3	.3	.2	.2	.3	.3	.2	.2
	Percent change over 6-month span, AR.....	3.4	3.0	3.5	3.3	3.3	3.1	3.3	3.6	3.5	3.6	3.4	3.3	3.3	3.2	3.2
332	Intermediate materials, supplies, and components, 1982=100.....	114.5	112.7	112.7	112.8	112.9	112.8	112.8	114.3	116.1	117.9	118.1	117.1	116.5	115.7	114.5
	Percent change over 1-month span.....	.4	-7	0	-1	-1	-1	0	1.3	1.6	1.6	.2	-8	-5	-7	-1.0
	Percent change over 6-month span, AR.....	3.7	1.3	.9	-1.2	2.9	-6.1	9.2	9.4	7.8	6.7	2.5	-2.7	-2.7	-2.7	-1.0
331	Crude materials for further processing, 1982=100.....	108.9	107.2	105.4	102.8	103.1	100.6	101.0	110.2	115.6	125.4	117.6	111.2	114.1	104.8	101.4
	Percent change over 1-month span.....	.6	.3	-1.7	-2.5	.3	-2.4	.4	9.1	4.9	8.5	-6.2	-5.4	2.6	-8.2	-3.2
	Percent change over 6-month span, AR.....	8.6	-4	-7.7	-10.7	5.7	20.3	48.8	30.1	22.2	27.6	-9.6	-23.1			

NOTE.—The following current high values were reached before February 1990: July 1983—BCI-14 (829.2); February 1984—BCI-39 (1.78); May 1984—BCI-118 (15.01); June 1984—BCI-111 (23.2), BCI-115 (13.00), BCI-116 (14.49), and BCI-117 (10.67); August 1984—BCI-93 (-2,380), BCI-94 (8,017), BCI-109 (13.00),

BCI-114 (10.49), and BCI-119 (11.64); 4th Q 1984—BCI-107 (7.029); September 1985—BCI-113 (132.08); 4th Q 1985—BCI-110 (869,764); and January 1989—BCI-95 (16.02).

See page C-6 for other footnotes.

Series no.	Series title and timing classification	Year	1990												1991		
		1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. *	

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.	136.2	133.8			135.4				137.0				138.3			
	Percent change from previous quarter, AR.....	3.4	4.0			4.8				4.7				4.1			
346	Index of real average hourly compensation, all employees, nonfarm business sector, 1982=100.	100.5	100.8			101.0				100.5				99.8			
	Percent change from previous quarter, AR.....	-1.9	-3.2			9				-2.1				-2.7			
370	Index of output per hour, all persons, business sector, 1982=100.	111.9	111.7			111.9				112.1				112.1			
	Percent change over 1-quarter span, AR.....	-6	-9			6				9				-3			
	Percent change over 4-quarter span, AR.....	-4	-4			1											
358	Index of output per hour, all persons, nonfarm business sector, 1982=100.	110.8	110.7			110.7				110.9				111.0			

2.3 Labor Force and Employment

441	Civilian labor force, thous.	124,787	124,653	124,798	124,781	124,939	124,797	124,709	124,782	124,705	124,970	124,875	124,723	125,174	124,638	125,076	125,326
442	Civilian employment, thous.	117,914	118,074	118,235	118,090	118,277	118,237	117,882	117,690	117,883	117,883	117,733	117,386	117,574	116,922	116,918	116,754
	Civilian labor force participation rates (percent):																
451	Males 20 years and over.....	77.8	77.9	77.9	77.8	77.9	77.8	77.7	77.7	77.9	77.8	77.8	77.8	77.9	77.3	77.4	77.6
452	Females 20 years and over.....	57.9	57.9	57.9	58.0	58.1	58.0	58.0	58.1	57.9	57.7	57.7	57.5	57.8	57.6	57.8	57.8
453	Both sexes 16-19 years of age.....	53.7	55.1	56.1	55.2	54.6	53.2	52.5	51.3	53.1	53.0	52.4	52.8	53.0	53.3	53.6	53.6

2.4 Government Activities

Defense indicators:																	
517	Defense Department gross obligations incurred, mil.\$		31,968							32,664	26,637	29,150					
525	Defense Department prime contract awards, mil.\$	131,796	11,285	12,775	13,876	12,795	9,348	9,988	14,077	13,458	4,262	8,117	8,202	19,434	13,411		
543	Defense Department gross unpaid obligations outstanding, mil.\$		213,703							212,396	204,677	196,282					
548	Manufacturers' new orders, defense products, mil.\$	93,458	7,613	8,645	8,511	9,953	7,731	7,792	8,499	7,745	7,515	5,044	6,844	7,683	7,991	6,643	
557	Index of industrial production, defense and space equipment, 1987=100.	97.2	97.6	97.5	97.3	97.6	97.6	97.8	97.7	97.3	97.3	96.2	95.8	94.4	94.3	93.8	
570	Employment, defense products industries, thous.	1,225	1,253	1,249	1,245	1,238	1,233	1,225	1,218	1,211	1,202	1,191	1,187	1,182	1,168		
564	Federal Government purchases of goods and services, national defense, bil.\$, AR.	313.6	307.2			309.6			312.6			325.0			330.0		

2.5 U.S. International Transactions

602	Exports, excluding military aid shipments, mil.\$	394,441	31,575	33,264	32,058	32,773	34,218	32,120	32,548	32,008	35,006	34,194	33,305	34,310	33,502		
604	Exports of domestic agricultural products, mil.\$	38,760	3,320	3,443	3,253	3,258	3,608	3,160	3,258	3,023	2,996	3,151	2,880	2,906	3,300		
606	Exports of nonelectrical machinery, mil.\$	83,098	6,779	6,883	6,661	6,964	7,072	7,104	6,767	6,912	7,254	6,774	6,927	7,069	6,977		
612	General imports, mil.\$	494,903	38,672	41,636	39,364	40,543	39,560	41,244	42,283	41,336	45,994	43,106	39,582	41,474	38,836		
614	Imports of petroleum and petroleum products, mil.\$	60,884	5,126	5,158	3,988	4,095	3,563	3,594	4,365	4,365	6,927	6,332	5,353	5,385	3,846		
616	Imports of automobiles and parts, mil.\$	70,527	5,432	6,489	5,433	5,804	6,098	5,855	6,179	5,999	6,567	5,993	5,475	5,904	5,311		
618	Merchandise exports, adjusted, excluding military, mil.\$ ¹	389,286	96,093			96,585			96,152		100,456			100,456			
620	Merchandise imports, adjusted, excluding military, mil.\$ ¹	497,966	122,902			119,810			125,937		129,317			129,317			
622	Balance on merchandise trade, mil.\$ ¹	-108,680	-26,809			-23,225			-29,785		-28,861			-28,861			

2.6 International Comparisons

Industrial Production Indexes (1987=100)																	
47	United States.....	109.2	108.5	108.9	108.8	109.4	110.1	110.4	110.5	110.6	109.9	108.3	107.2	106.6	105.7	105.3	
721	OECD, European countries ²	110	109	111	109	110	111	111	111	111	111	110	110	110	110	110	
728	Japan.....	121.3	117.0	118.8	117.9	121.0	121.1	123.2	123.7	122.4	125.8	124.6	123.7	125.4	125.7		
725	Federal Republic of Germany.....	114	111	113	110	113	113	115	116	117	117	116	116	119	118		
726	France.....	109	107	108	110	109	109	112	112	110	110	108	106	109	109		
722	United Kingdom.....	103	103	105	106	105	107	103	102	102	102	100	100	100	100		
727	Italy.....	110.2	112.5	112.5	111.0	108.6	108.8	110.7	110.7	111.7	108.4	107.7	110.3	110.3	110.3		
723	Canada.....	101.5	102.6	102.6	102.3	102.8	102.7	103.1	102.0	100.4	100.3	98.5	97.6	97.7	97.7		
Consumer Price Indexes (1982-84=100)																	
320	United States, NSA.....	130.7	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	134.6	134.8	135.0	
	Percent change over 6-month span, AR.....	5.8	5.3	5.8	4.6	5.4	6.2	6.9	7.2	6.6	6.7	5.4	3.7				
738	Japan, NSA.....	111.4	109.5	109.9	110.8	111.6	111.0	110.9	111.4	112.4	113.9	113.5	113.2	114.1	113.8		
	Percent change over 6-month span, AR.....		3.7	3.0	2.6	2.4	3.3	5.1	4.4	4.9	6.8	5.4					
735	Federal Republic of Germany, NSA.....	112.1	111.3	111.4	111.6	111.8	111.9	111.9	112.2	112.6	113.4	113.2	113.3	114.0	114.3		
	Percent change over 6-month span, AR.....		2.6	2.2	1.8	2.0	2.9	4.4	4.0	3.6	3.8	3.2					
736	France, NSA.....	133.1	131.1	131.6	132.1	132.3	132.9	133.7	134.4	135.2	135.0	134.9	135.5	135.7	135.8		
	Percent change over 6-month span, AR.....		3.5	2.8	2.6	2.9	3.7	4.1	4.8	4.4	4.1	4.3	3.6	2.2			
732	United Kingdom, NSA.....	148.2	141.2	142.6	147.0	148.3	148.9	149.0	150.5	151.9	153.1	152.7	152.6	153.0	153.8	154.4	
	Percent change over 6-month span, AR.....		9.4	12.4	12.8	13.4	12.8	10.0	6.6	6.3	6.1	4.8	3.8				
737	Italy, NSA.....	159.5	156.5	157.1	157.7	158.0	158.7	159.3	160.3	161.2	162.6	163.6	164.2	165.4	167.0		
	Percent change over 6-month span, AR.....		5.7	5.6	6.0	6.4	6.3	7.5	7.1	7.1	7.1	7.1	7.1	7.1			
733	Canada, NSA.....	135.4	133.4	133.9	133.9	134.6	135.1	135.8	136.3	137.4	138.2	138.1	138.1	141.7	141.7	142.3	
	Percent change over 6-month span, AR.....		5.7	4.1	5.2	3.3	3.0	3.6	5.1	5.9	5.3	10.3	9.5	8.8			
Stock Price Indexes (1967=100, NSA)																	
19	United States.....	364.0	359.5	368.2	367.9	381.0	392.0	391.6	359.8	343.1	334.1	343.0	357.6	354.1	394.1	405.0	
748	Japan.....	1,974.9	2,427.8	2,175.1	1,959.4	2,142.6	2,155.2	2,119.1	1,833.0	1,644.4	1,592.1	1,572.2	1,579.4	1,542.4	1,696.8	1,785.2	
745	Federal Republic of Germany.....	355.6	384.6	396.3	399.5	389.5	385.3	393.7	348.9	308.8	297.8	292.4	299.9	280.5	300.8		
746	France.....	835.0	856.2	872.4	938.4	949.5	932.2	899.7	796.5	714.6	726.8	719.9	719.4	694.7	740.0	820.8	
742	United Kingdom.....	1,043.0	1,086.7	1,060.8	1,031.9	1,048.2	1,118.0	1,109.6	1,030.1	971.1	974.1	969.3	993.4	969.3			
747	Italy.....	408.3	440.1	439.9	455.3	468.9	485.6	457.4	387.9	354.4	338.4	302.2	305.4	382.6	419.4	447.6	
743	Canada.....	386.6	416.6	411.2	377.5	404.7	400.4	402.4	378.1	357.0	348.2	356.0	368.0	369.8	391.2	395.0	
Exchange Rates																	
750	Exchange value of U.S. dollar, index: March 1973=100, NSA ³	89.05	92.25	94.11	93.51	92.04	92.43	89.68	86.55	86.10	83.43	82.12	83.35	83.51	82.12	88.12	
	Foreign currency per U.S. dollar (NSA):																
758	Japan (yen).....	144.82	145.69	153.31	158.46	154.04	153.70	149.04	147.46								

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 SURVEY OF CURRENT BUSINESS and "Business Cycle Indicators: Revised Composite Indexes" in the January 1989 SURVEY.

References to series in this section use the prefix "BCL" followed by the series number. Unless otherwise noted, series are seasonally adjusted.

Percent change data are centered within the spans: 1-month changes are placed in the ending month, 3-month changes are placed in the 3d month, 6-month changes are placed in the 4th month, 1-quarter changes are placed in the ending quarter, and 4-quarter changes are placed in the 3d quarter.

Diffusion indexes are defined as the percent of components rising plus one-half of the percent of components unchanged. Diffusion index data are centered within the spans: 1-month indexes are placed in the ending month and 6-month indexes are placed in the 4th month.

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

Sources for series in this section are shown on pages C-27 and C-28.

Page C-1

1. A component's contribution measures its impact, in percentage points, on the percent change in the index. Each month, the sum of the contributions plus the trend adjustment factor equals (except for rounding differences) the index's percent change from the previous month. The trend adjustment factors are 0.142 for the leading index, -0.186 for the coincident index, and 0.030 for the lagging index.

2. Excludes BCI-57, for which data are not available.

3. Excludes BCI-77 and BCI-95, for which data are not available.

Page C-2

NOTE.—Major data revision: Series that include data from the survey of "Manufacturers' Shipments, Inventories, and Orders" (BCI-7, -8, -10, -20, -27, -69, -92, and -548) have been revised by the source agency. These revisions reflect (a) converting to the 1987 Standard Industrial Classification definitions, (b) benchmarking the shipments and inventory data to the 1987 Census of Manufactures and 1988 Annual Survey of Manufactures with adjustments to the new and unfilled orders data, and (c) updating the seasonal adjustment factors. These revisions begin in 1958 for BCI-7, -8, and -92, and in 1968 for BCI-10, -20, -27, -69, and -548. For further information, contact the U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, DC 20233.

1. Data exclude Puerto Rico, which is included in figures published by the source agency.

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Page C-3

NOTE.—Major data revisions:

Manufacturers' machinery and equipment sales and business construction expenditures (BCI-69)—see note for page C-2.

Change in manufacturing and trade inventories (BCI-31) has been revised by the source agency from 1982 forward to incorporate revised data on merchandise wholesale, retail, and manufacturing inventories. For further information, contact the U.S. Department of Commerce, Bureau of the Census, Business Division, Washington, DC 20233.

* Preliminary April values: BCI-23 = 294.5, BCI-19 = 380.79, BCI-85 = 0.83; anticipated 2d quarter values: BCI-61 = 547.91, BCI-100 = 542.48.

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Page C-4

NOTE.—Major data revision: Series that include data on commercial paper issued by nonfinancial companies (BCI-72, -101, -111, and -112) have been revised for 1988 and 1989 to reflect a new seasonal adjustment by the source agency. For further information, contact The Federal Reserve Bank of New York, Market Reports Division, 33 Liberty Street, New York, NY 10045.

* Preliminary April values: BCI-119 = 5.86, BCI-114 = 5.66, BCI-116 = 9.09, BCI-115 = 8.27, BCI-117 = 7.02, and BCI-109 = 9.00.

1. This index is 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: Manufacturers' new orders, defense products (BCI-548)—see note for page C-2.

* Preliminary April values: BCI-19 = 414.2, BCI-748 = 1,787.2, BCI-747 = 458.6, BCI-743 = 394.9, BCI-750 = 90.49, BCI-758 = 136.72, BCI-755 = 1.6805, BCI-756 = 5.6835, BCI-752 = 0.5635, BCI-757 = 1,247.20, and BCI-753 = 1.1531.

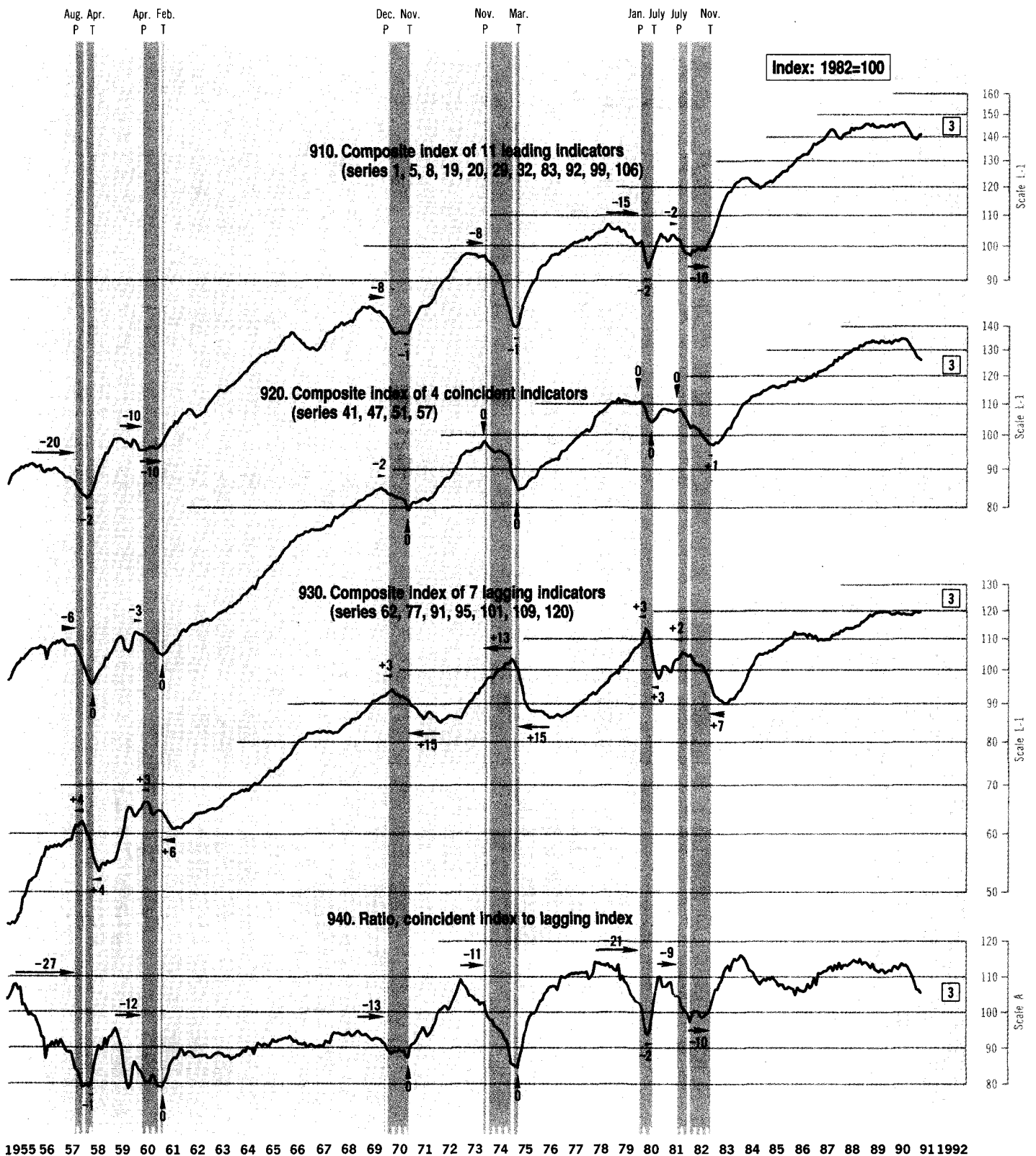
1. Balance of payments basis: Excludes transfers under military grants and Department of Defense sales contracts (exports) and Department of Defense purchases (imports).

2. Organisation for Economic Co-operation and Development.

3. This index is the weighted-average exchange value of the U.S. dollar against the currencies of the other G-10 countries plus Switzerland. Each country is weighted by its 1972-76 global trade. For a description of this index, see the August 1978 *Federal Reserve Bulletin* (p. 700).

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

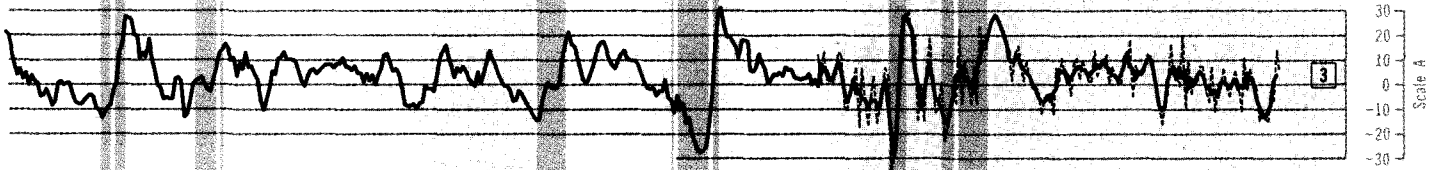
Composite Indexes: Rates of Change

Aug. Apr. Apr. Feb. Dec. Nov. Nov. Mar. Jan. July July Nov.
P T P T P T P T P T P T

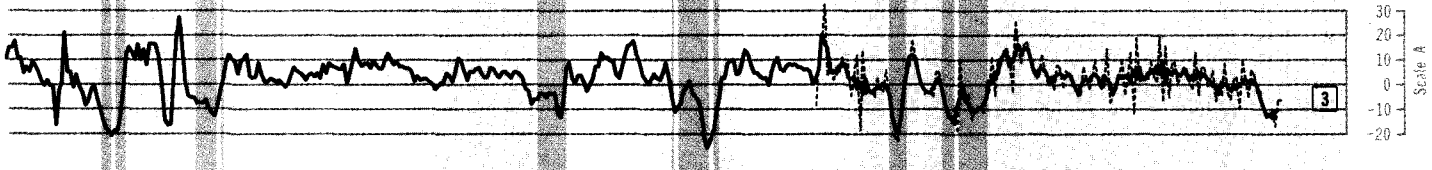
Percent change at annual rate

1-month span - - - -
3-month span ———

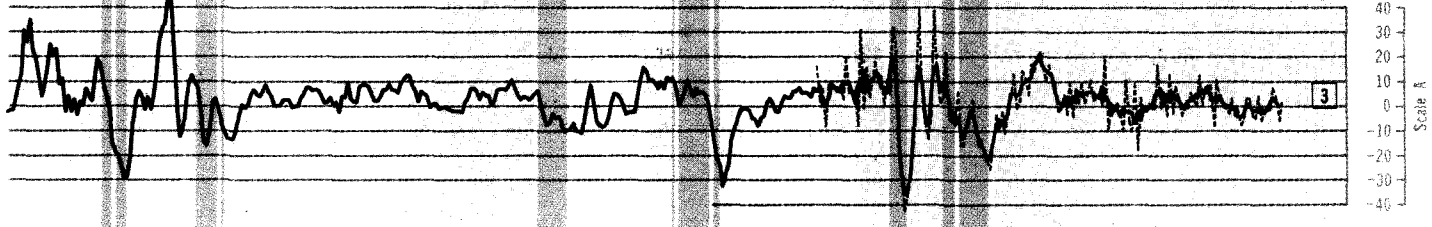
910c. Composite Index of 11 leading indicators



920c. Composite index of 4 coincident indicators



930c. Composite index of 7 lagging indicators

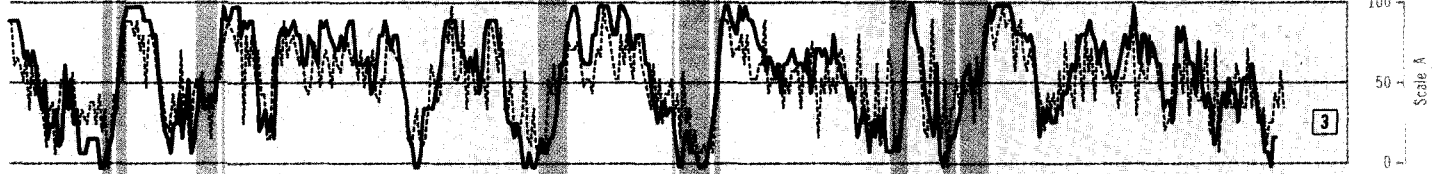


Composite Indexes: Diffusion

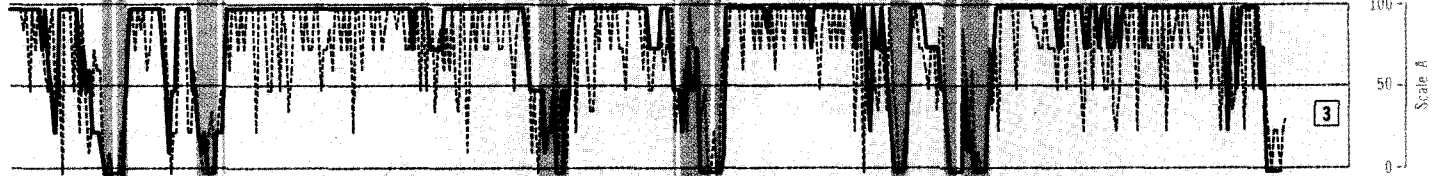
Percent of components rising

1-month span - - - -
6-month span ———

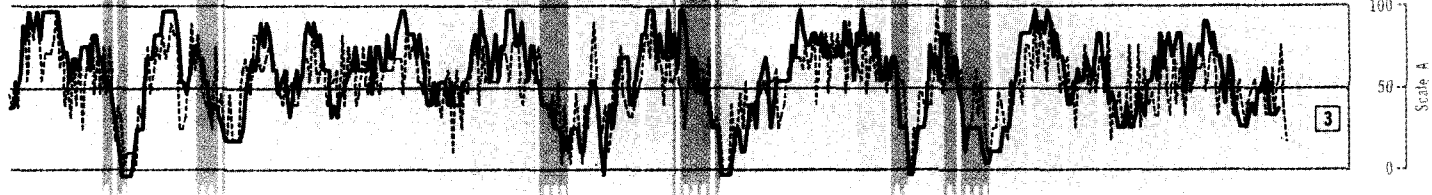
950. Diffusion index of 11 leading indicator components



951. Diffusion index of 4 coincident indicator components



952. Diffusion index of 7 lagging indicator components

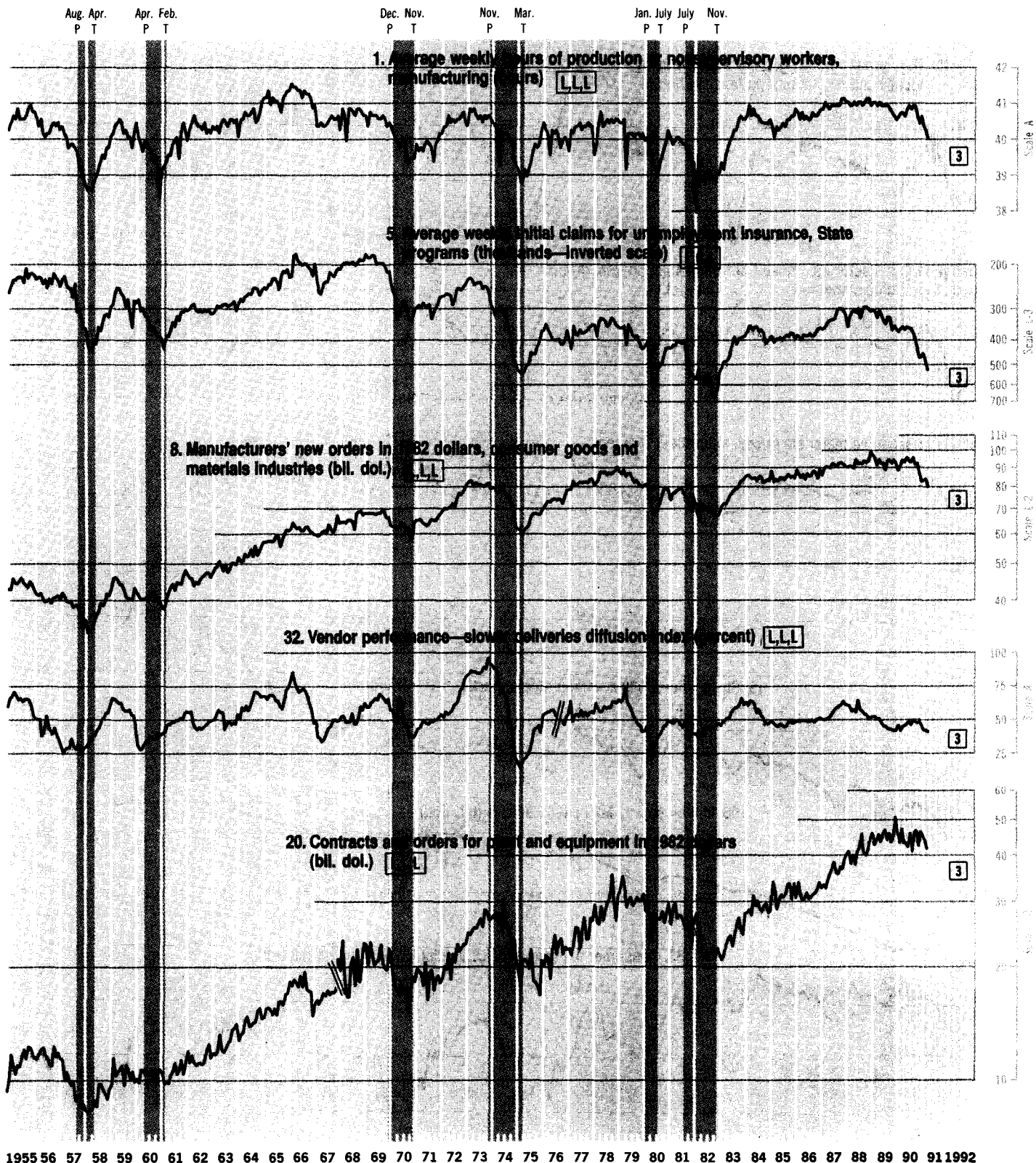


1955 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 1992

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

CYCLICAL INDICATORS

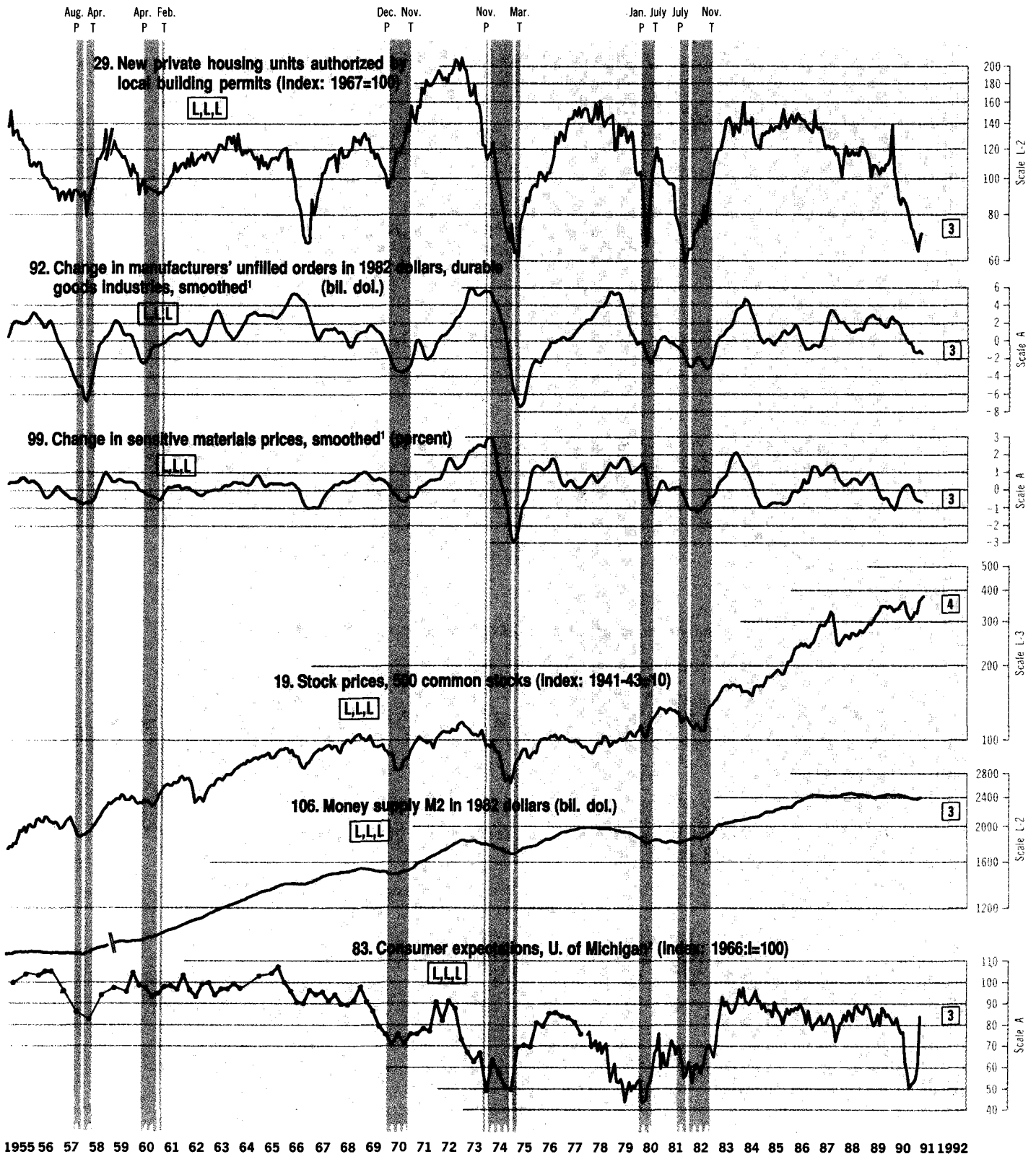
Composite Indexes: Leading Index Components



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

CYCLICAL INDICATORS

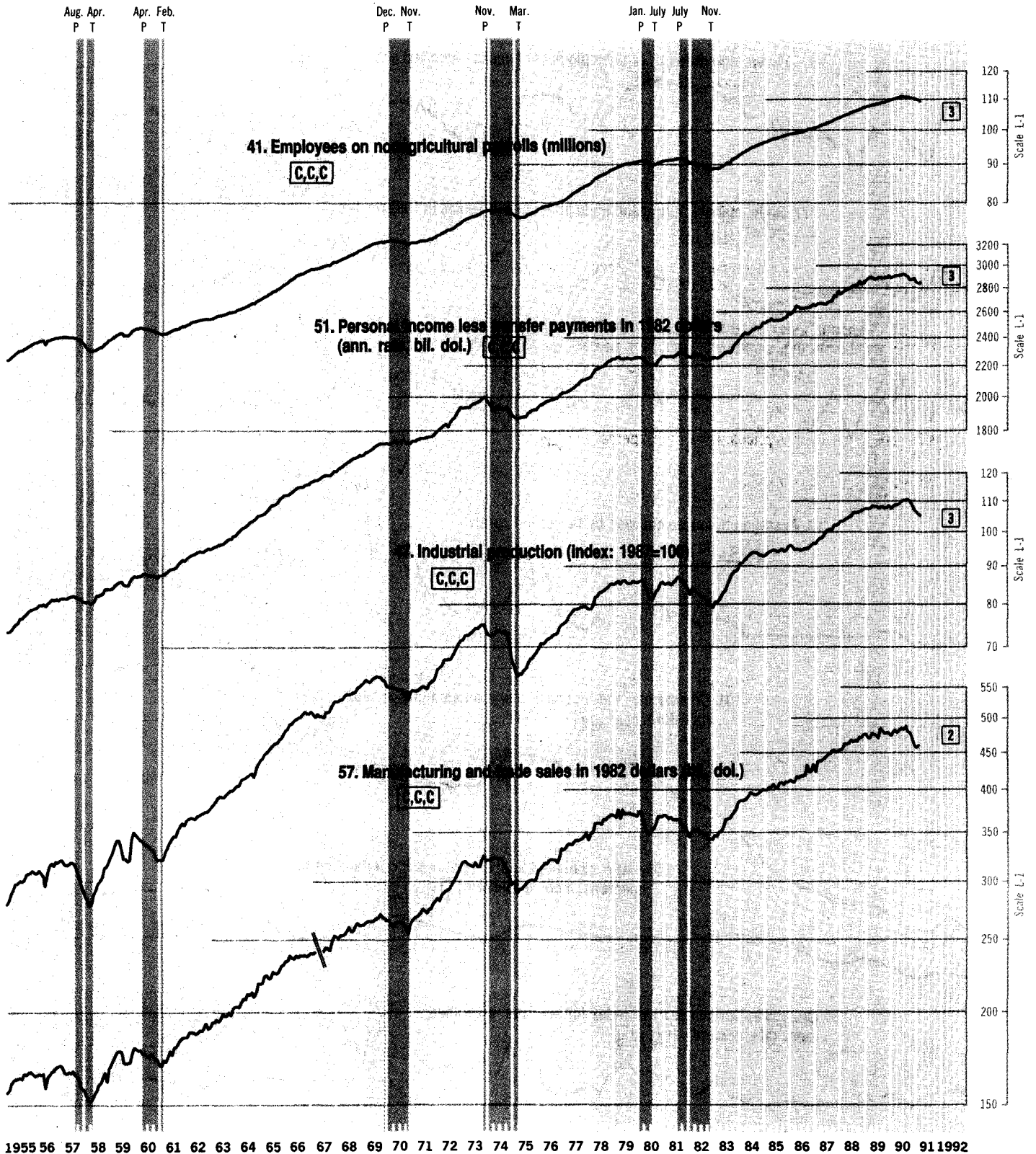
Composite Indexes: Leading Index Components—Continued



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

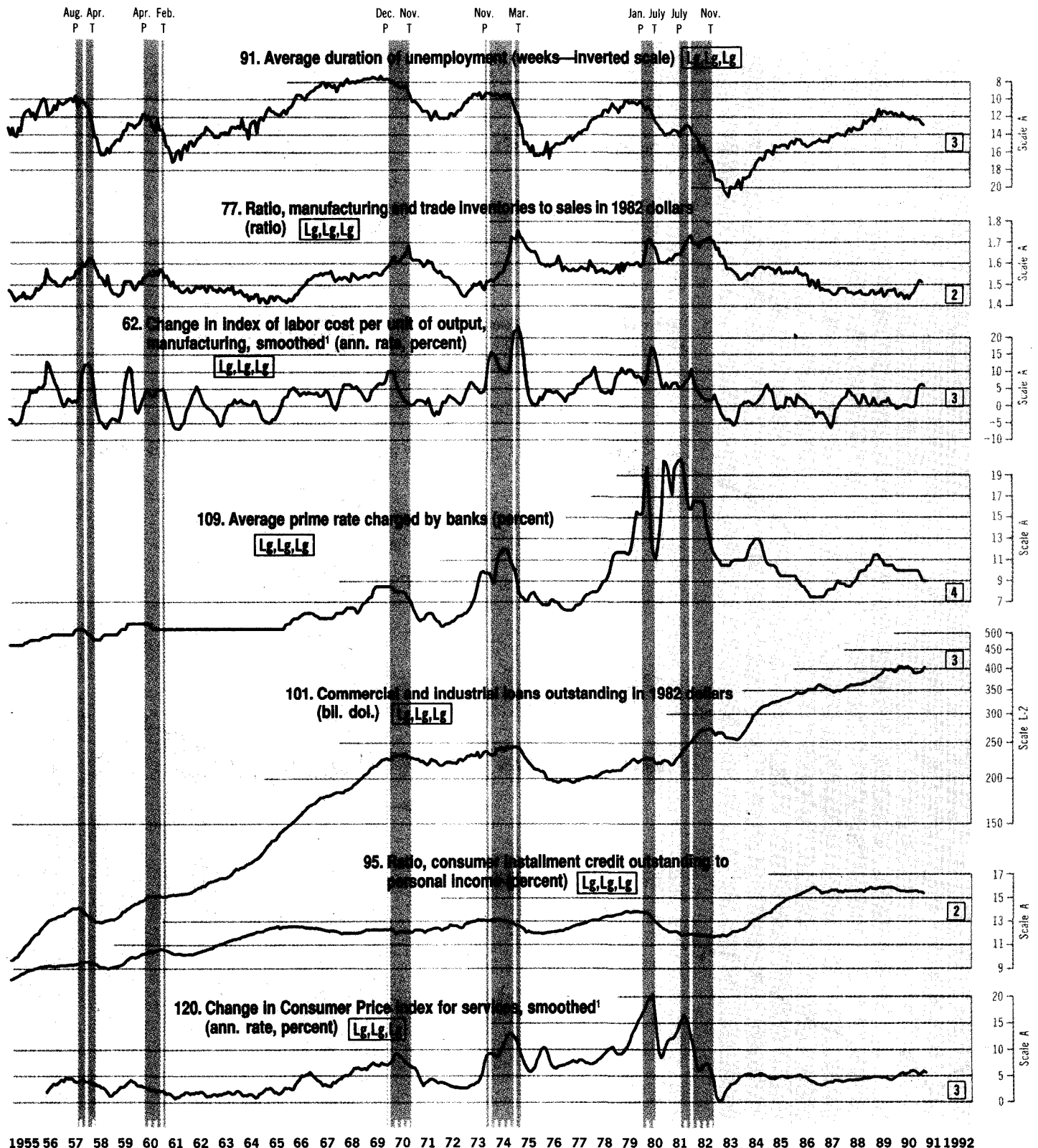
Composite Indexes: Coincident Index Components



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

CYCLICAL INDICATORS

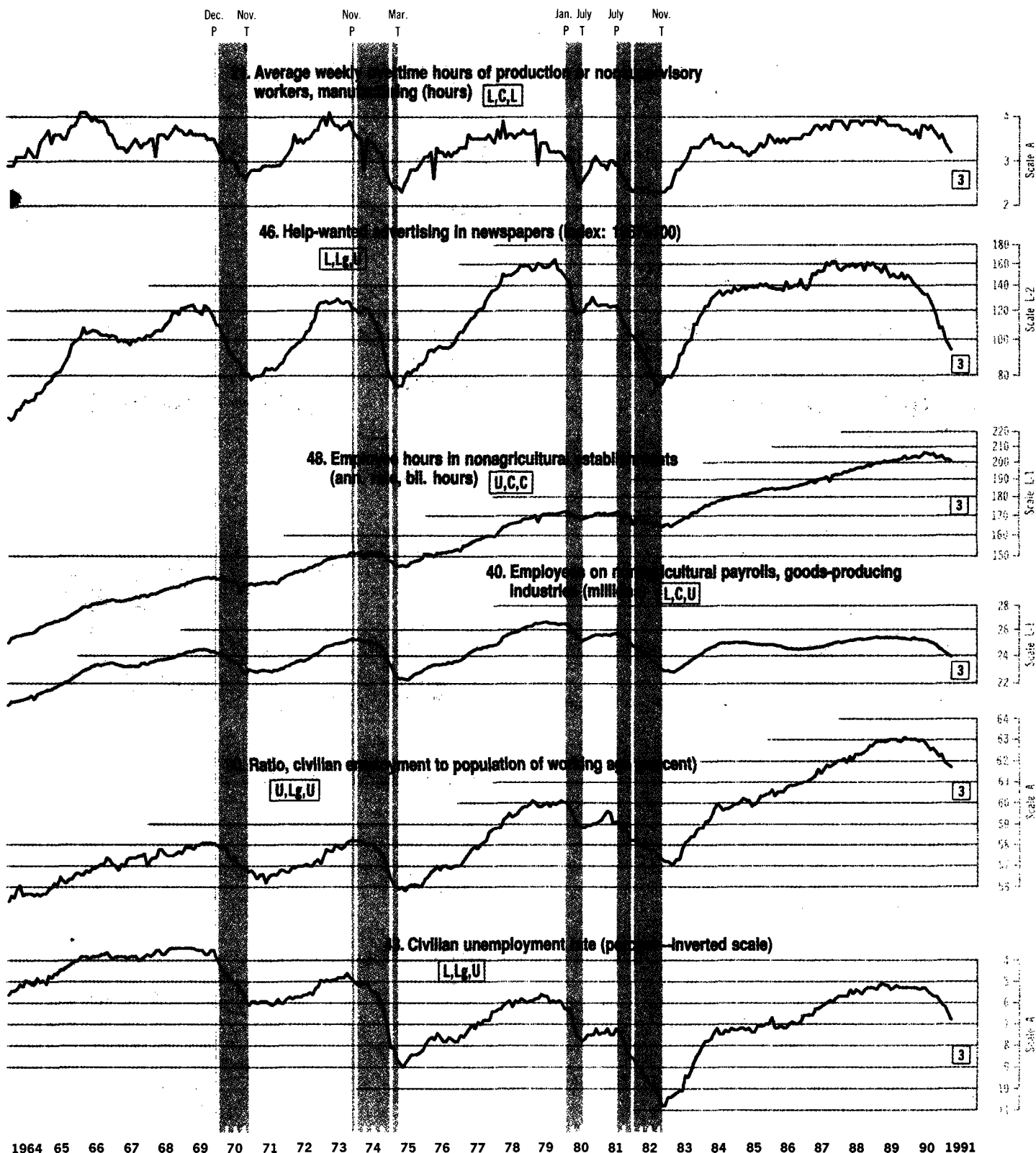
Composite Indexes: Lagging Index Components



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

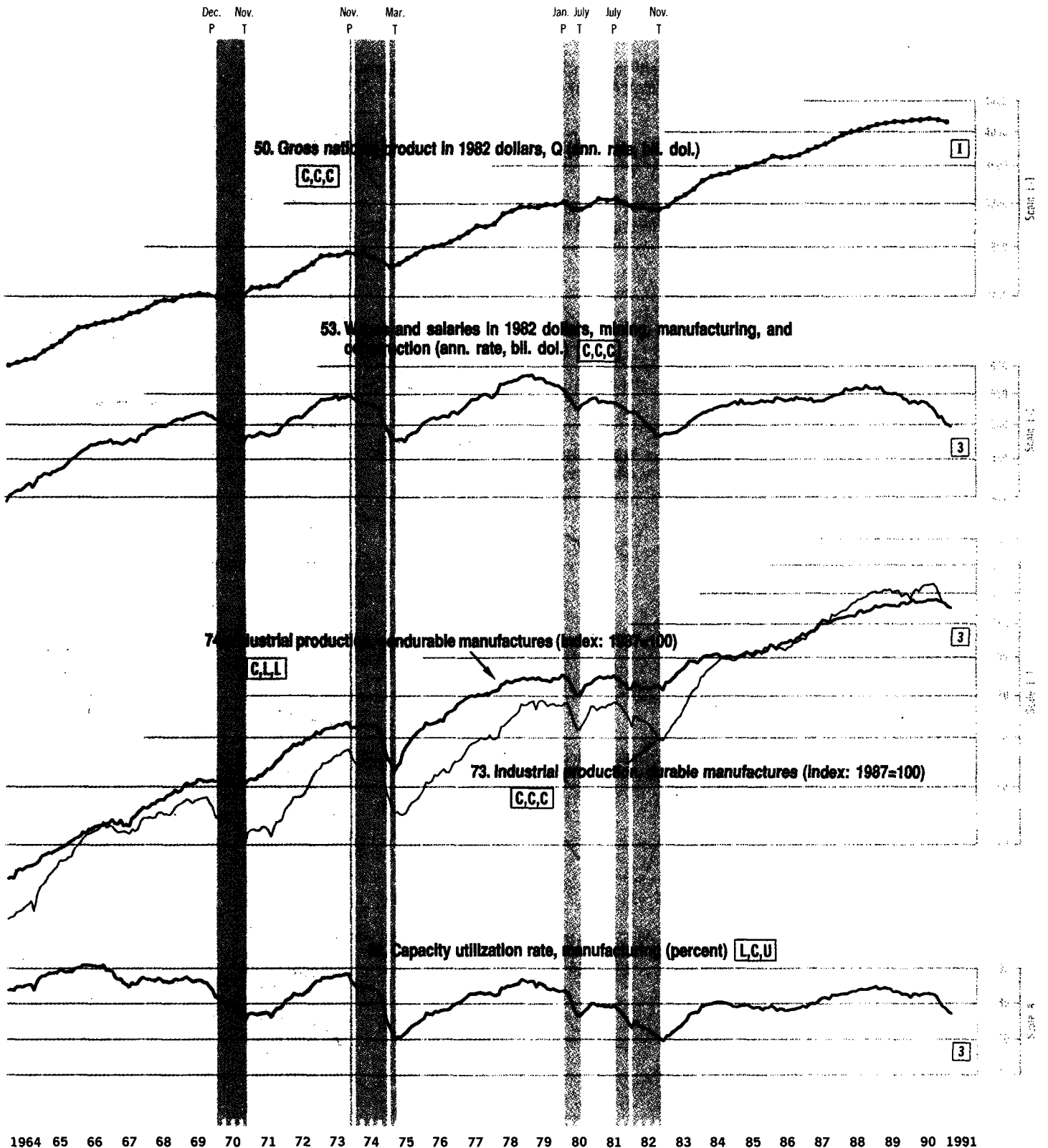
Employment and Unemployment



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

CYCLICAL INDICATORS

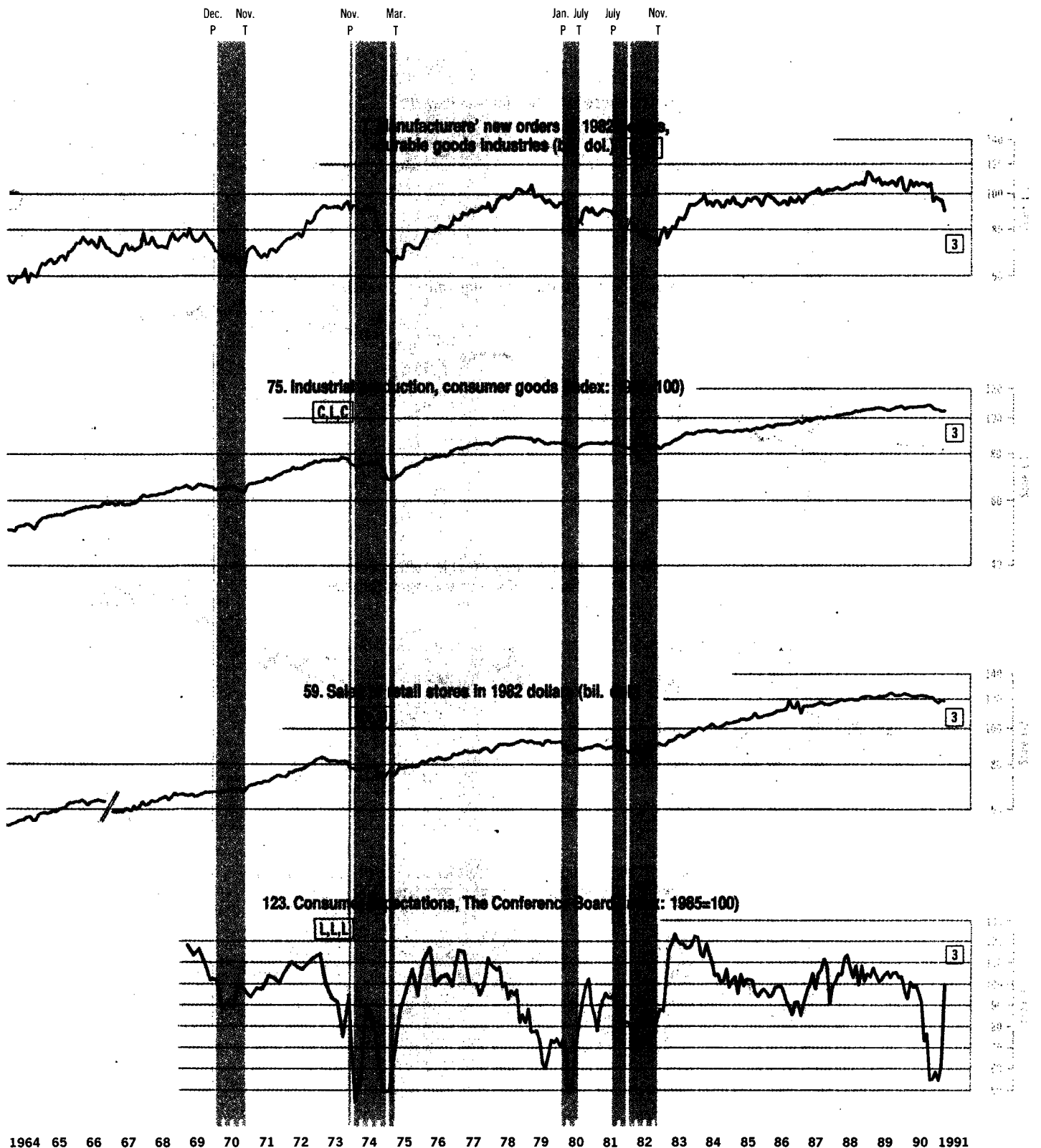
Production and Income



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

CYCLICAL INDICATORS

Consumption, Trade, Orders, and Deliveries

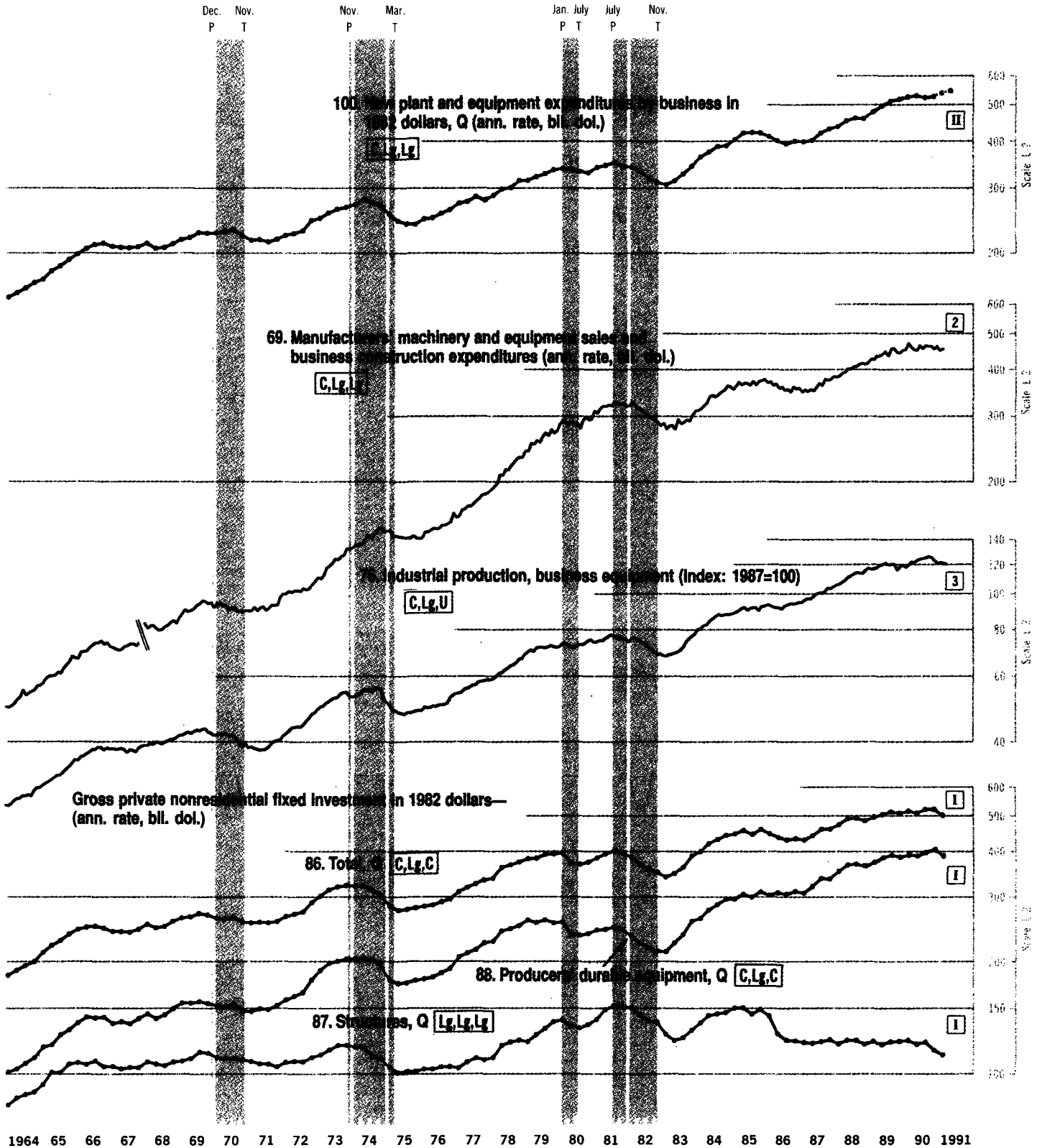


1964 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 1991

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

CYCLICAL INDICATORS

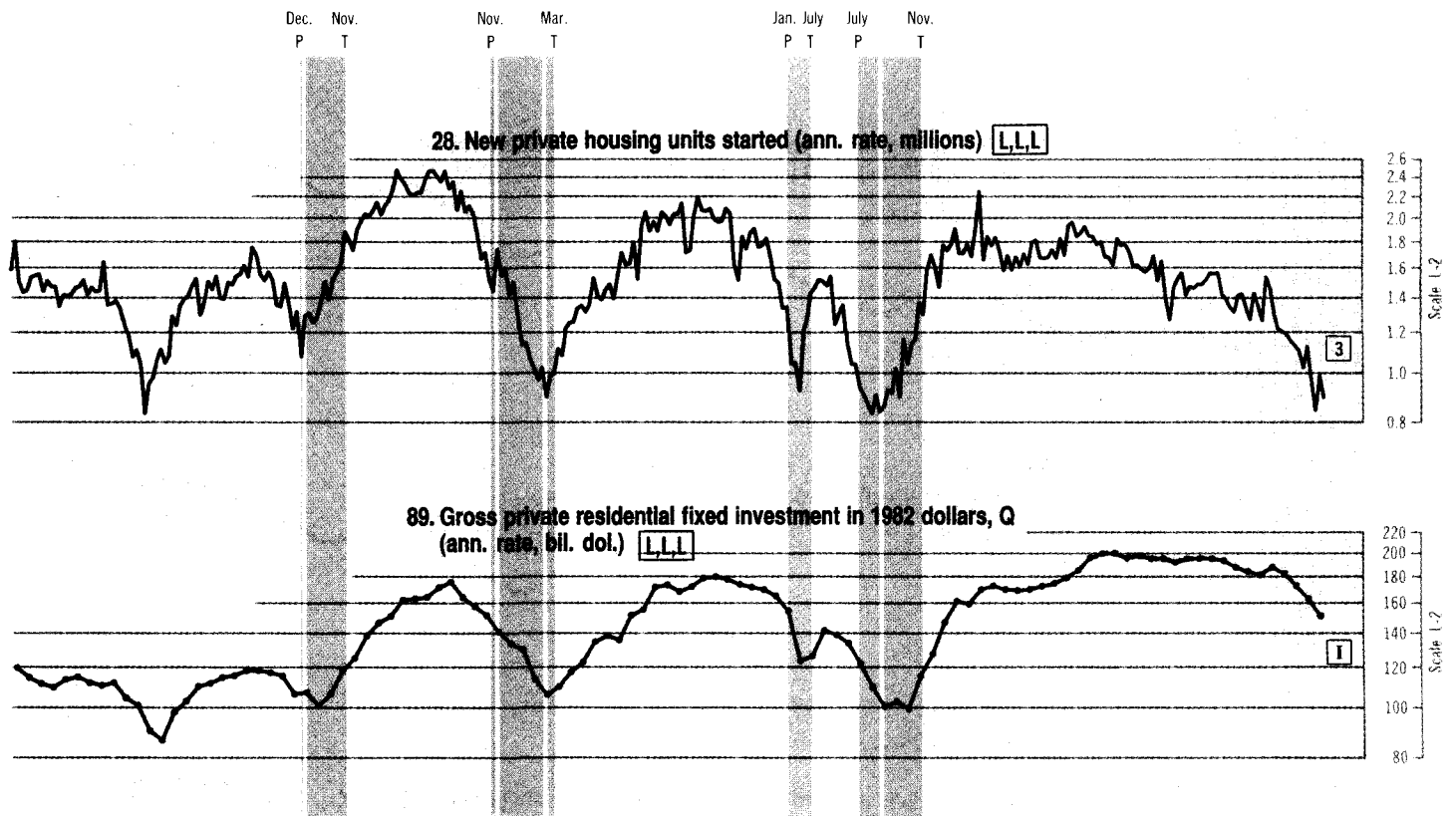
Fixed Capital Investment—Continued



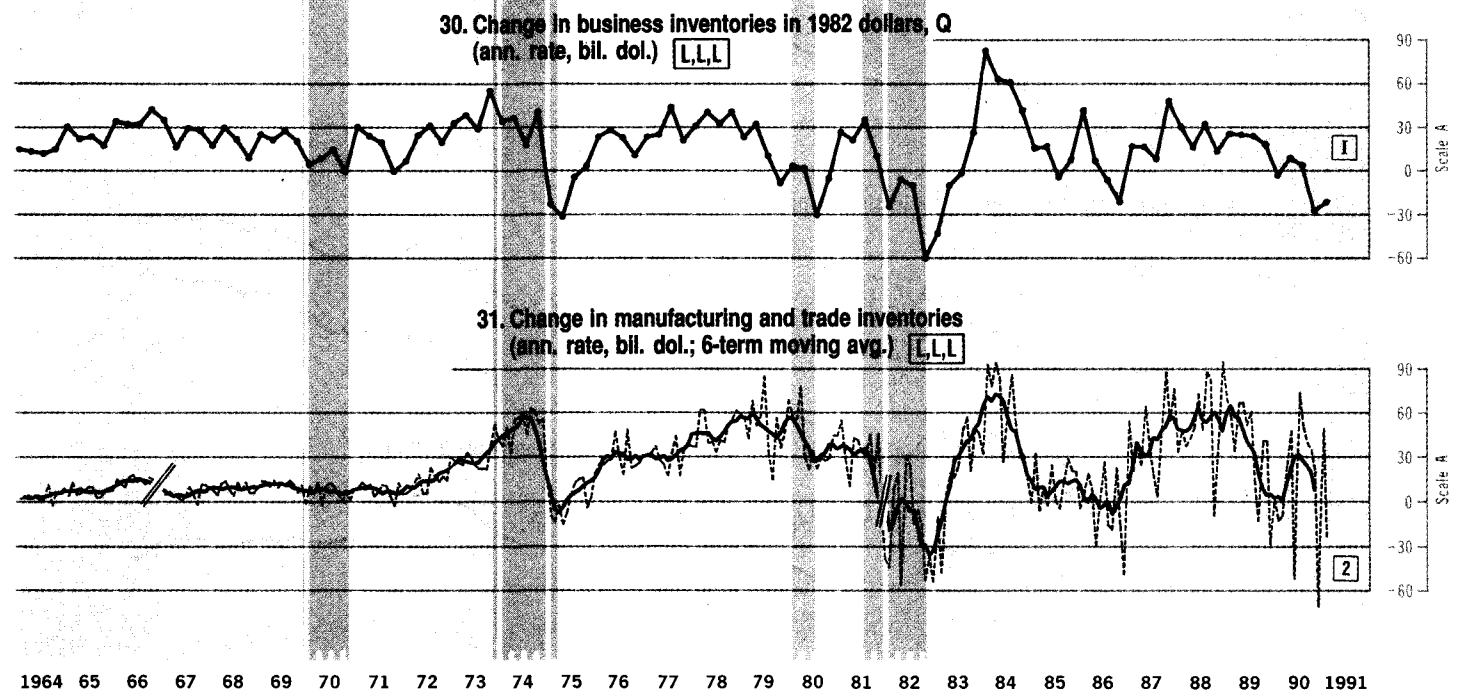
NOTE.—Current data for these series are shown on page C-3.

CYCLICAL INDICATORS

Fixed Capital Investment—Continued



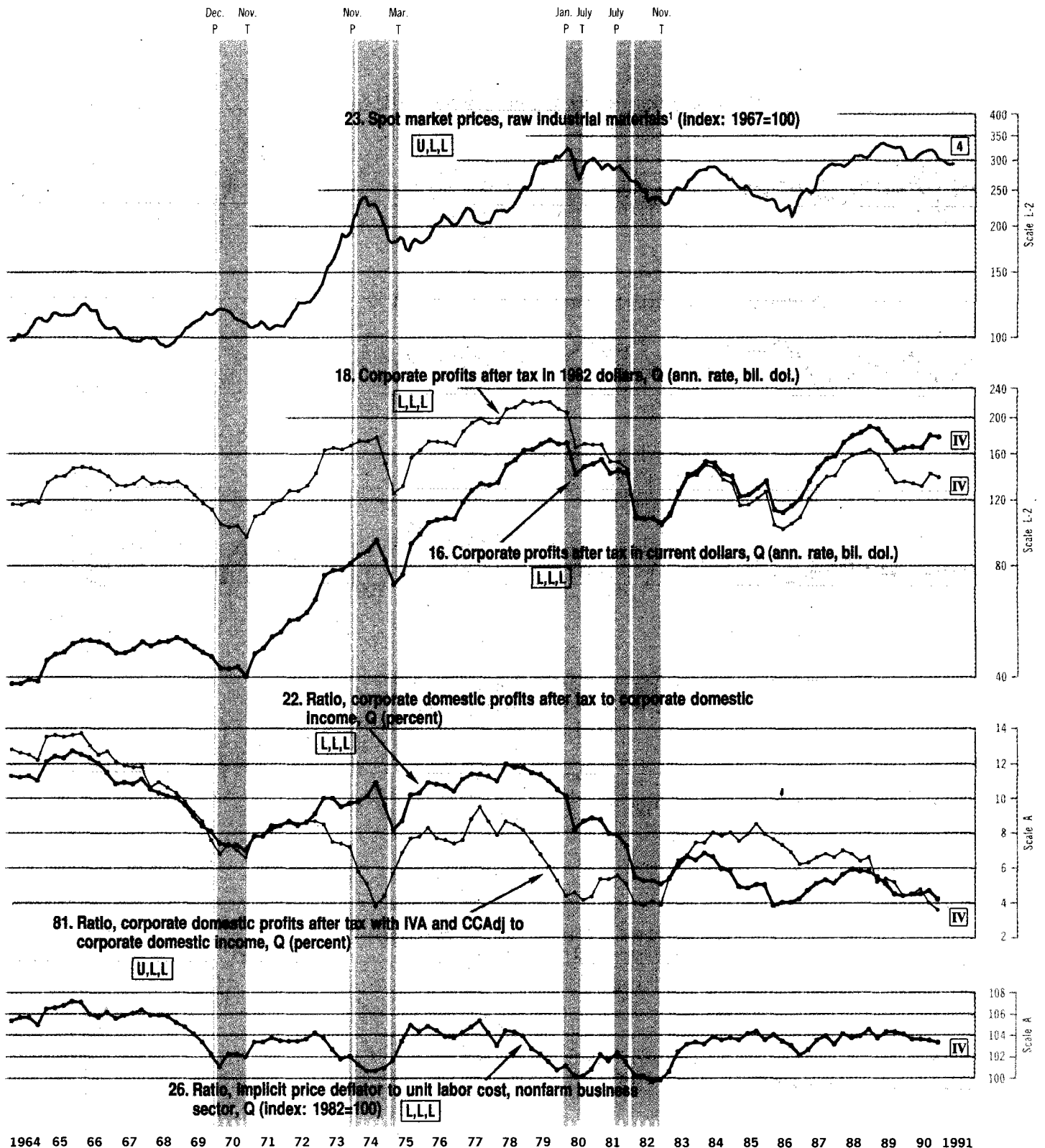
Inventories and Inventory Investment



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

CYCLICAL INDICATORS

Prices, Costs, and Profits



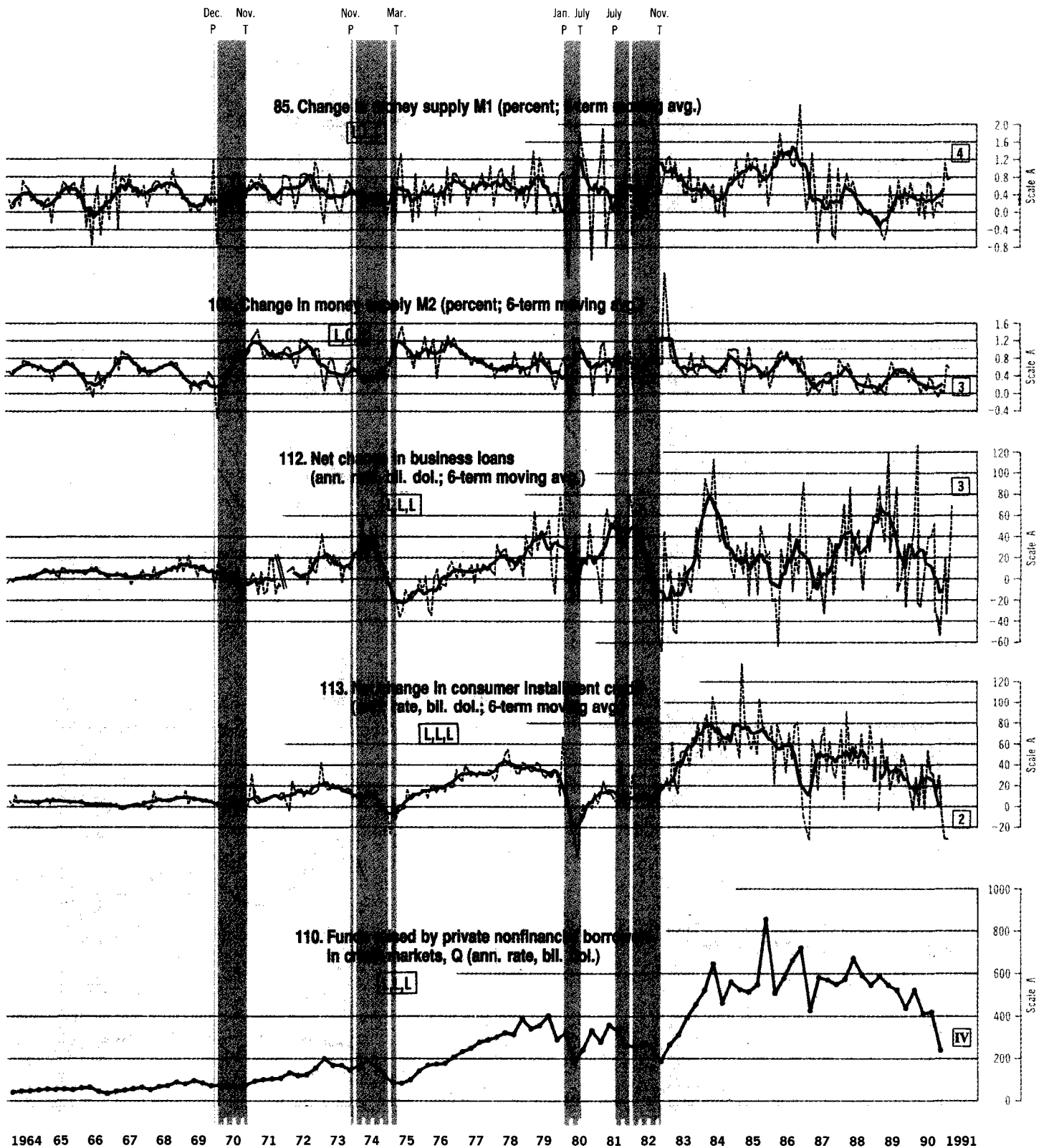
IVA Inventory valuation adjustment. CCAj Capital consumption adjustment.

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

CYCLICAL INDICATORS

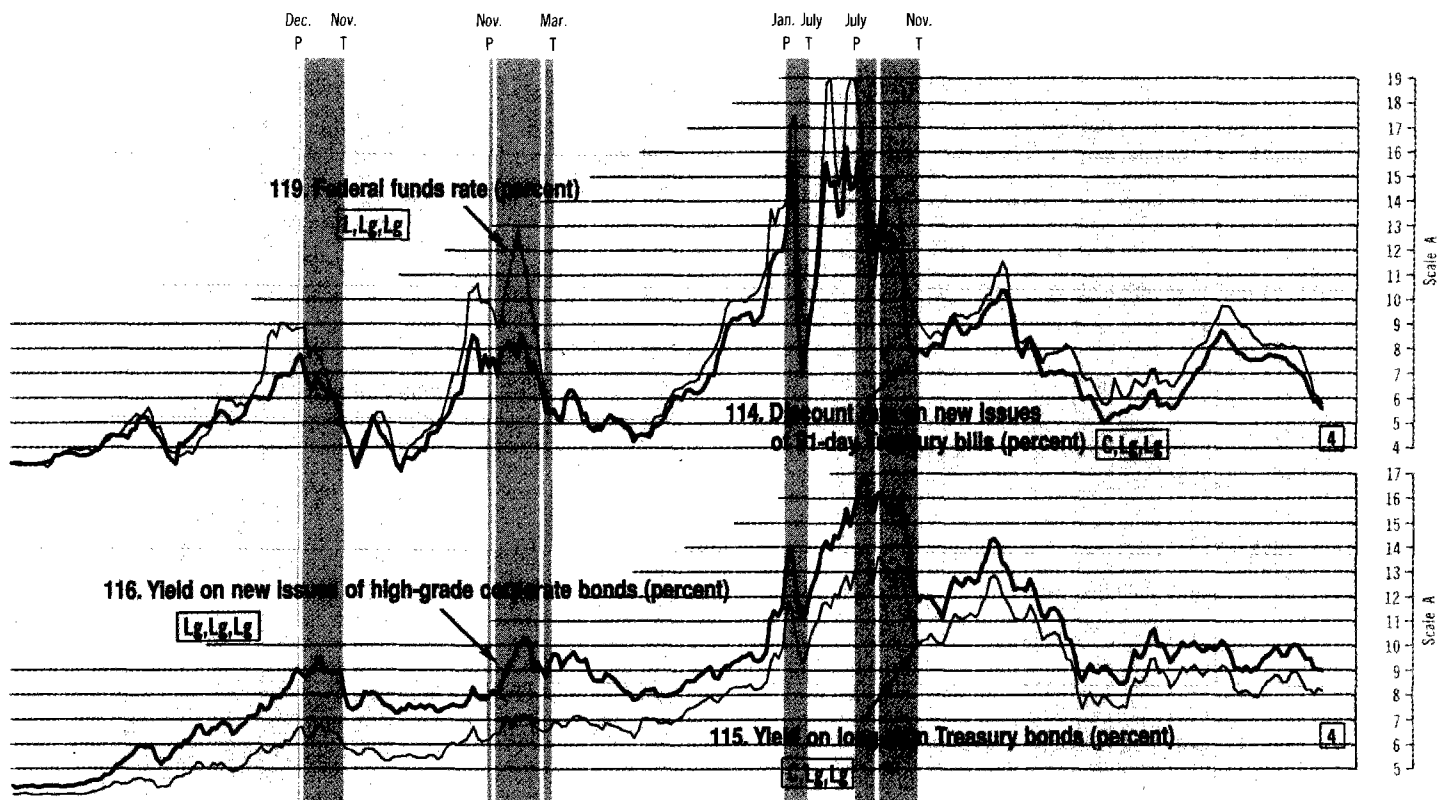
Money and Credit



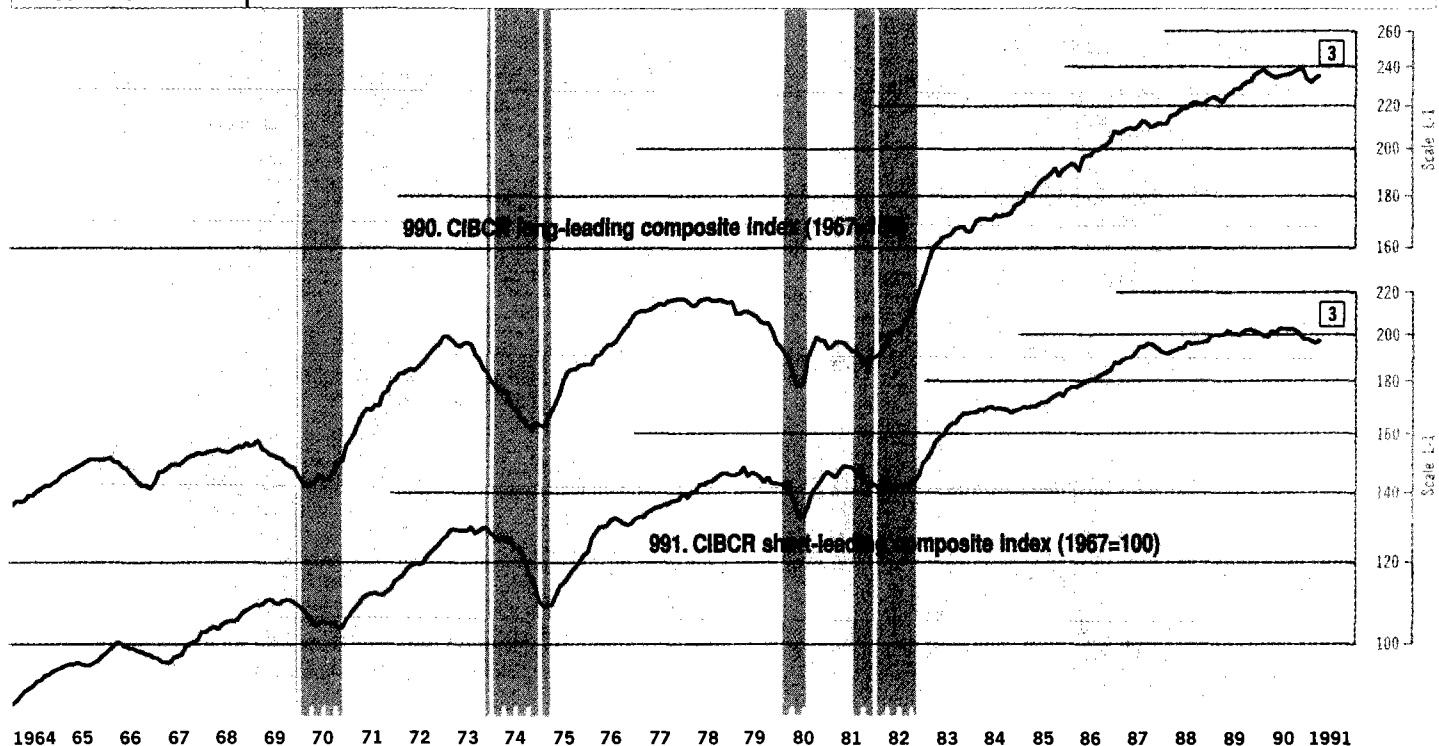
NOTE.—Current data for these series are shown on pages C-3 and C-4.

CYCLICAL INDICATORS

Money and Credit—Continued



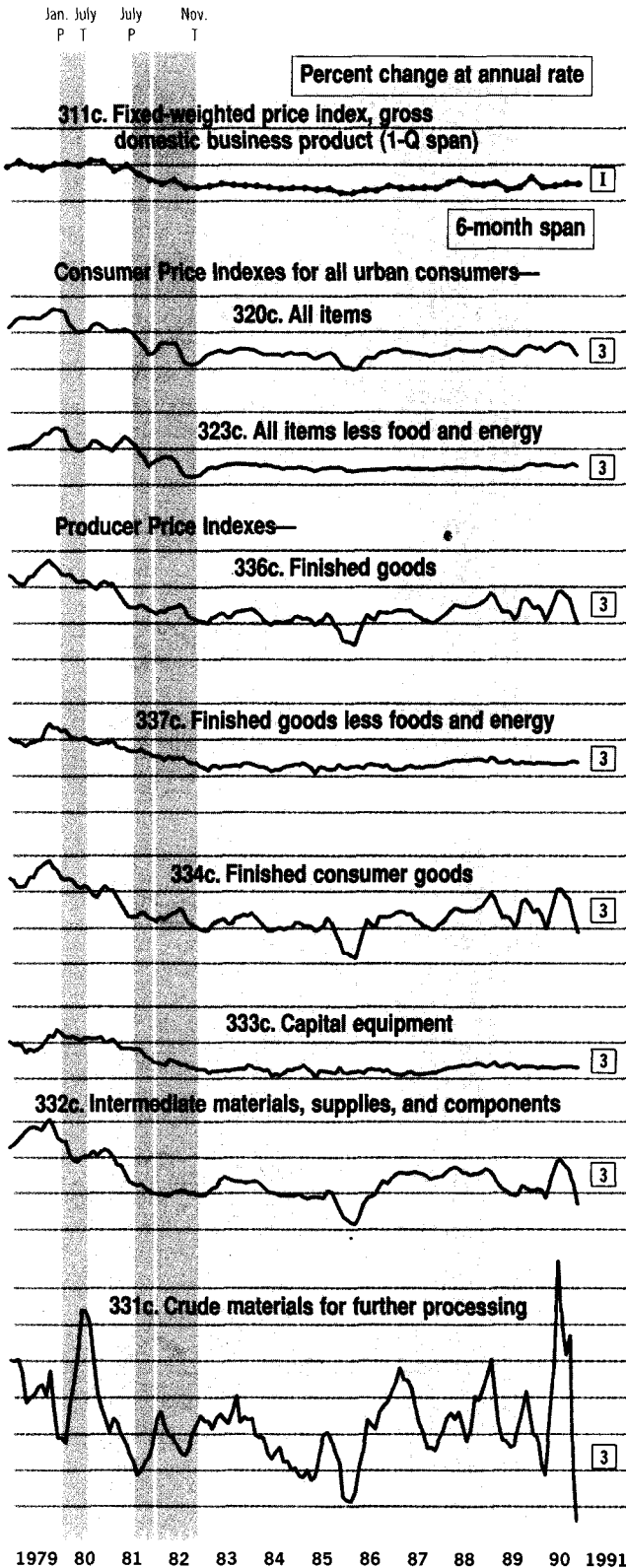
Alternative Composite Indexes



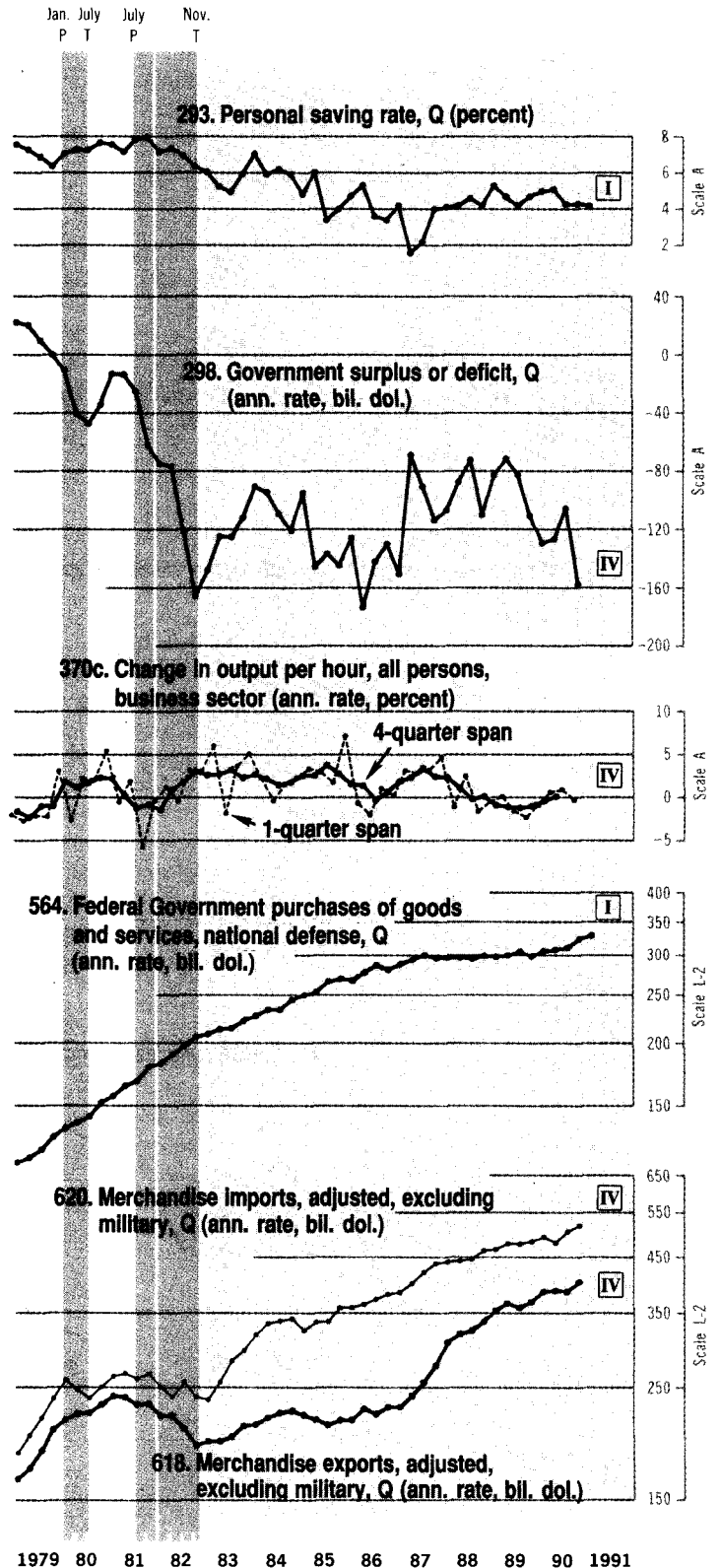
CIBCR: Center for International Business Cycle Research (Columbia University).
 NOTE.—Current data for these series are shown on page C-4.

OTHER IMPORTANT ECONOMIC MEASURES

Price Movements



Other Measures

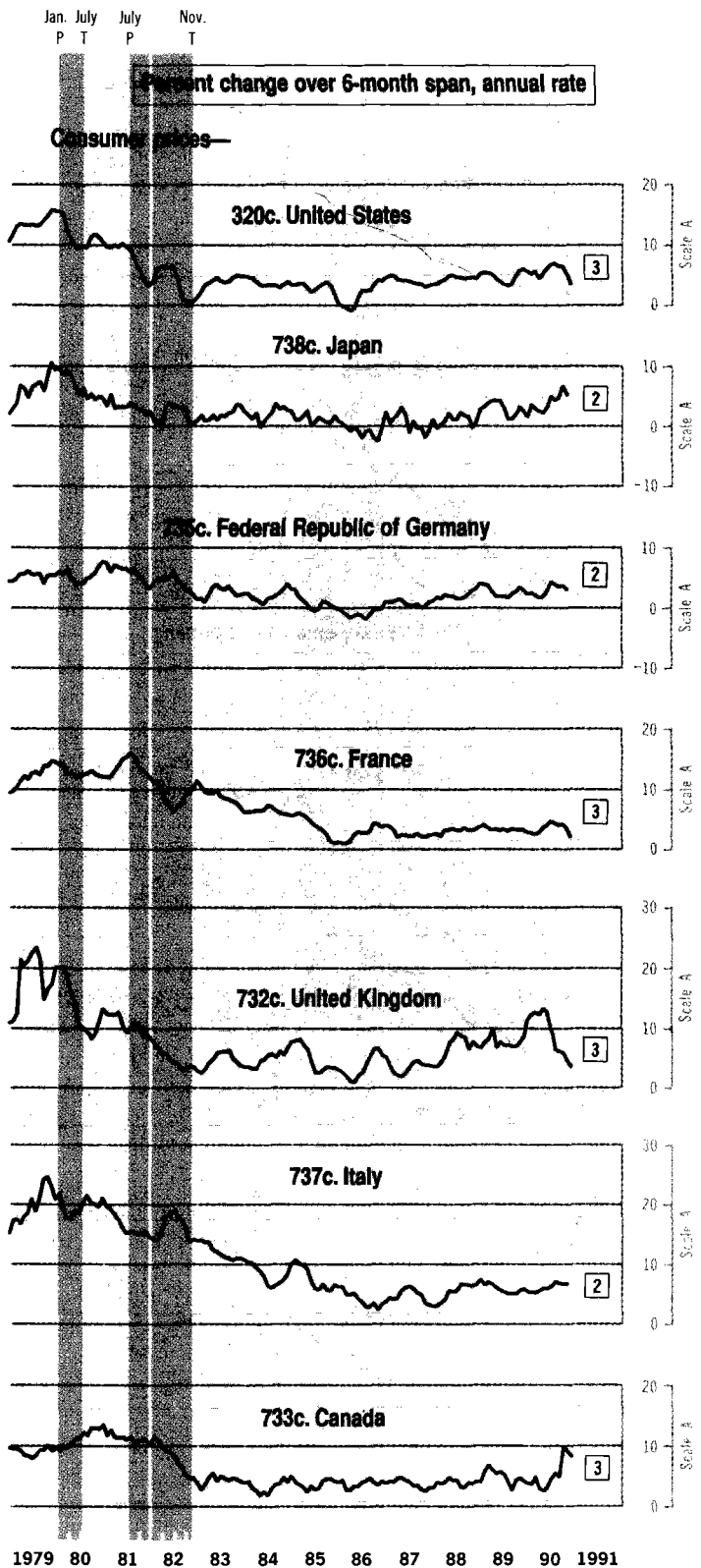
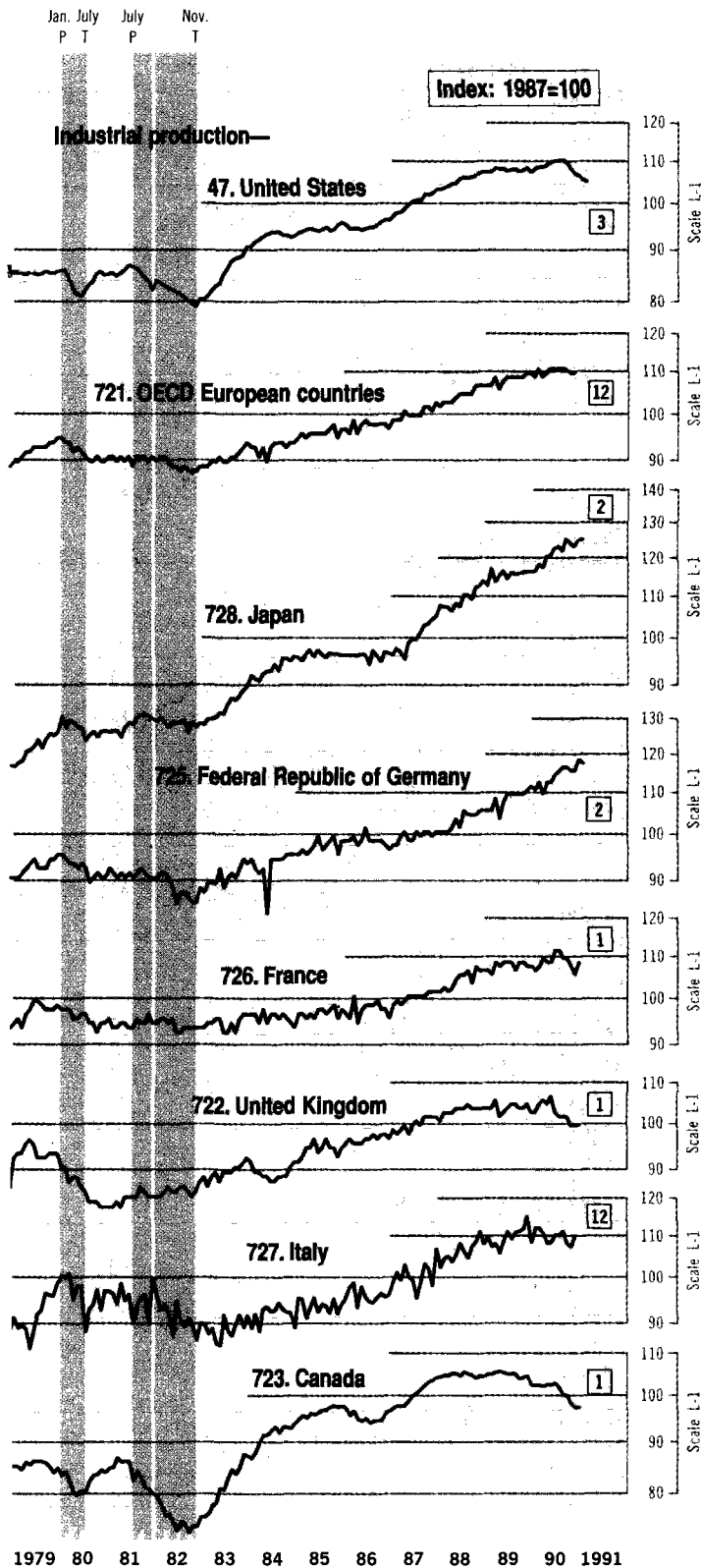


NOTE.—Current data for these series are shown on pages C-4 and C-5.

OTHER IMPORTANT ECONOMIC MEASURES

International Comparisons: Industrial Production

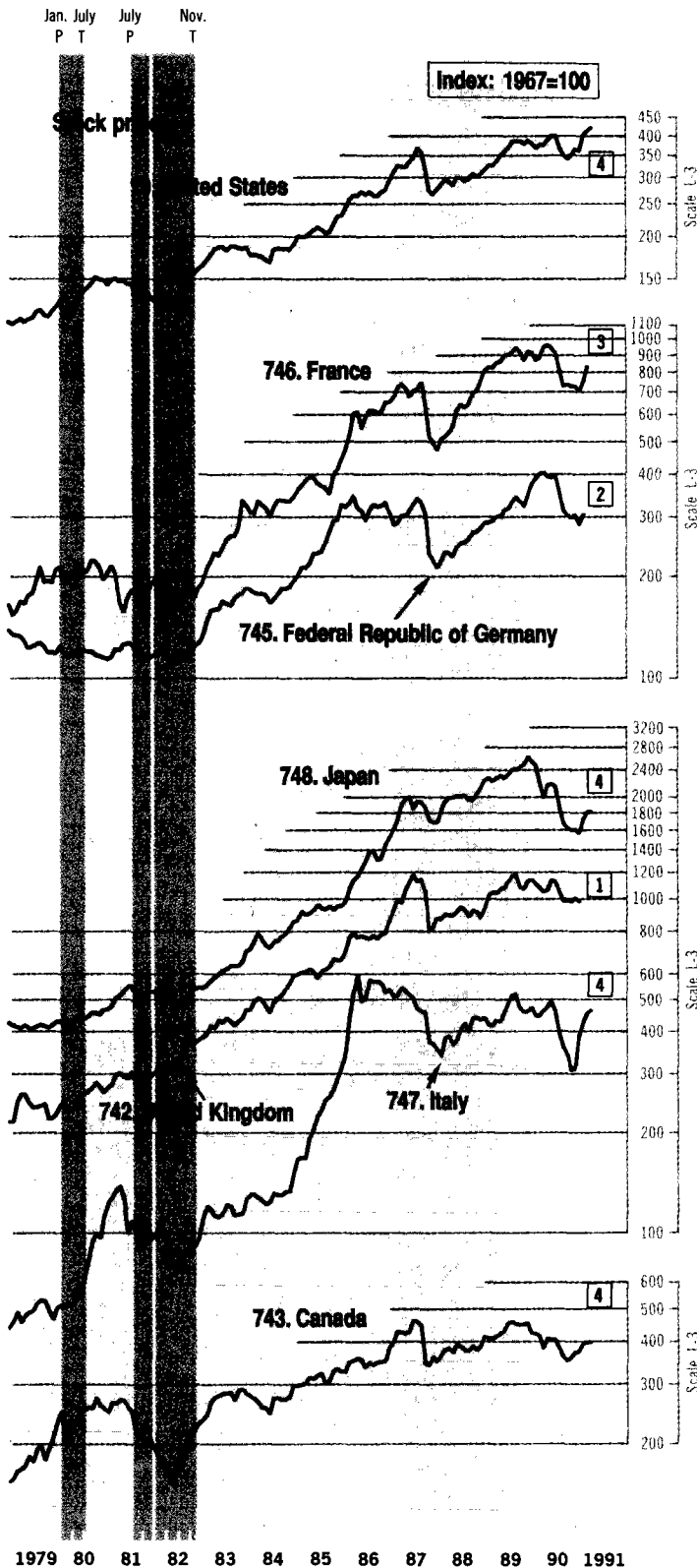
International Comparisons: Consumer Prices



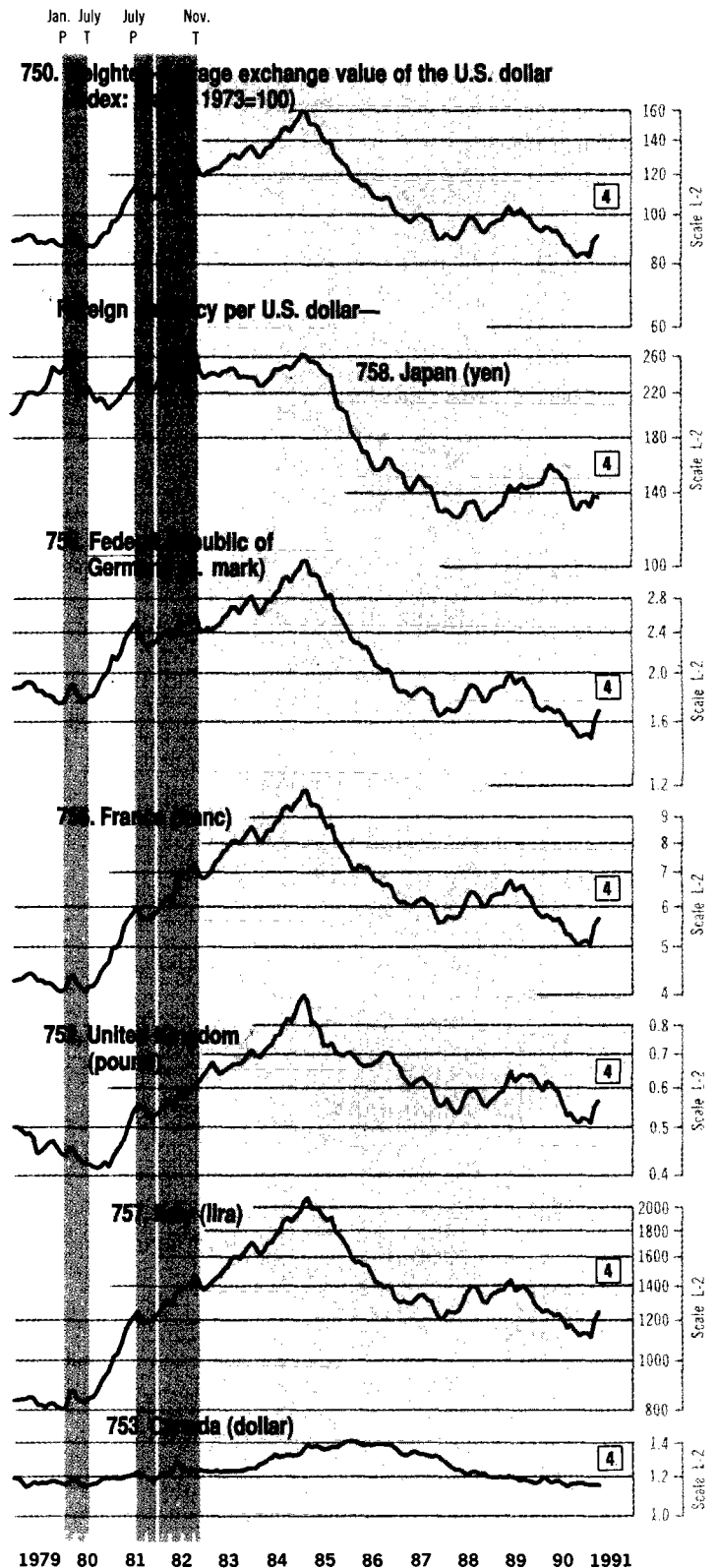
NOTE.—Current data for these series are shown on page C-5.

OTHER IMPORTANT ECONOMIC MEASURES

International Comparisons: Stock Prices



International Comparisons: Exchange Rates



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

Business Cycle Expansions and Contractions

Business cycle reference dates		Duration in months			
Trough	Peak	Contraction (trough from previous peak)	Expansion (trough to peak)	Cycle	
				Trough from previous trough	Peak from previous peak
December 1854	June 1857	18	30	48	40
December 1858	October 1860	8	22	30	54
June 1861	April 1865	32	18	78	50
December 1867	June 1869	18	34	36	52
December 1870	October 1873				
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	July 1990	16	92	28	108
Average, all cycles:					
1854-1990 (30 cycles)		18	¹ 35	51	53
1854-1919 (16 cycles)		22	27	48	² 49
1919-1945 (6 cycles)		18	35	53	53
1945-1990 (8 cycles)		11	³ 50	56	³ 61
Average, peacetime cycles:					
1854-1990 (25 cycles)		19	⁴ 29	46	48
1854-1919 (14 cycles)		22	24	46	⁵ 47
1919-1945 (5 cycles)		20	26	46	45
1945-1990 (6 cycles)		11	⁶ 43	46	⁶ 53

- 1. 31 cycles.
- 2. 15 cycles.
- 3. 9 cycles.
- 4. 26 cycles.
- 5. 13 cycles.
- 6. 7 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., 1050 Massachusetts Avenue, Cambridge, MA 02138.

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)	3/59 (-13)	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 (-8)
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)	1/81 (-6)	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)
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	11/82 (0)	5/80 (-2)	3/75 (0)	11/70 (0)	2/61 (0)	2/58 (-2)	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	2/83 (+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)	3/81 (+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 (2,15)
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).—Source 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)

CURRENT BUSINESS STATISTICS

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

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
GENERAL BUSINESS INDICATORS																	
PERSONAL INCOME BY SOURCE †																	
Seasonally adjusted, at annual rates:																	
Total personal income.....bil. \$..	4,384.3	4,645.5	4,561.6	4,594.7	4,604.5	4,621.4	4,640.7	4,662.7	4,675.0	4,697.8	4,695.9	4,716.2	4,743.3	*4,725.4	*4,734.2	4,745.9	
Wage and salary disbursements, total.....do.....	2,573.2	2,705.3	2,652.2	2,669.2	2,682.4	2,695.5	2,711.1	2,727.1	2,728.3	2,747.2	2,731.6	2,731.6	2,753.6	*2,740.0	*2,739.8	2,744.0	
Commodity-producing industries, total.....do.....	720.6	729.3	726.0	729.7	725.2	732.3	735.8	735.5	734.4	736.0	730.4	721.0	726.5	*716.4	*712.6	709.3	
Manufacturing.....do.....	541.8	546.8	541.4	545.8	543.9	548.8	551.6	551.9	551.4	552.1	549.5	541.1	547.8	*540.4	*535.8	534.5	
Distributive industries.....do.....	604.7	637.2	626.6	630.9	636.7	635.6	639.6	643.6	639.6	644.9	638.6	641.7	645.3	*639.7	*639.4	640.8	
Service industries.....do.....	771.4	830.8	802.3	809.0	817.9	821.7	827.1	838.7	843.3	852.8	846.8	850.8	861.3	*856.9	*857.8	861.6	
Govt. and govt. enterprises.....do.....	476.6	508.0	497.3	499.6	502.6	505.9	508.6	509.3	511.0	513.5	515.8	518.1	520.5	*527.0	*530.0	532.4	
Other labor income.....do.....	241.9	258.1	252.8	254.0	255.2	256.4	257.6	258.8	260.0	261.2	262.2	263.2	264.2	*265.2	*266.2	267.2	
Proprietors' income: ‡																	
Farm.....do.....	48.6	49.9	55.6	65.5	55.0	51.8	46.1	45.7	42.9	38.5	39.1	54.5	52.9	39.6	*47.2	54.0	
Nonfarm.....do.....	330.7	352.6	347.0	349.4	349.2	351.3	351.8	353.0	356.6	357.0	357.1	357.6	357.5	*354.4	*355.9	357.6	
Rental income of persons with capital consumption adjustment.....bil. \$..	8.2	6.9	4.5	4.3	3.8	4.2	4.9	6.2	9.1	10.0	8.8	8.3	8.3	*7.5	*6.7	6.6	
Dividends.....do.....	114.4	123.8	120.6	121.3	122.3	123.0	123.4	124.3	125.0	125.3	126.1	126.8	127.2	*127.2	*127.6	125.3	
Personal interest income.....do.....	643.2	680.4	670.5	671.4	674.5	677.9	681.5	683.6	685.4	686.8	687.5	688.1	688.2	*686.4	*688.2	680.6	
Transfer payments.....do.....	636.9	694.8	679.6	683.4	683.5	685.3	691.4	692.1	695.9	701.2	710.0	714.0	721.2	*742.1	*744.6	747.8	
Less: Personal contributions for social insurance.....do.....	212.8	226.2	221.2	223.8	221.4	223.9	227.1	228.1	228.2	229.5	228.4	228.4	229.9	237.0	*237.0	237.3	
Total nonfarm income.....do.....	4,314.6	4,574.3	4,484.9	4,508.1	4,528.2	4,548.3	4,573.2	4,595.6	4,610.7	4,637.8	4,635.3	4,640.2	4,668.8	*4,664.2	*4,665.4	4,670.1	
DISPOSITION OF PERSONAL INCOME †																	
Seasonally adjusted, at annual rates:																	
Total personal income.....bil. \$..	4,384.3	4,645.5	4,561.6	4,594.7	4,604.5	4,621.4	4,640.7	4,662.7	4,675.0	4,697.8	4,695.9	4,716.2	4,743.3	*4,725.4	*4,734.2	4,745.9	
Less: Personal tax and nontax payments.....do.....	658.8	699.4	675.6	678.8	693.4	698.0	698.0	704.8	708.6	715.0	713.8	715.1	720.8	*718.3	*717.4	719.1	
Equals: Disposable personal income.....do.....	3,725.5	3,946.1	3,886.1	3,915.9	3,911.2	3,923.3	3,942.6	3,957.9	3,966.4	3,982.8	3,982.1	4,001.1	4,022.5	*4,007.1	*4,016.8	4,026.8	
Less: Personal outlays.....do.....	3,553.7	3,766.0	3,695.0	3,706.9	3,714.6	3,716.2	3,761.1	3,773.7	3,801.4	3,832.6	3,829.5	3,835.0	3,838.6	*3,818.3	*3,859.9	3,878.7	
Personal consumption expenditures.....do.....	3,450.1	3,657.3	3,586.5	3,598.5	3,606.9	3,608.1	3,653.2	3,664.7	3,692.1	3,723.4	3,720.5	3,725.6	3,728.7	*3,708.3	*3,746.1	3,769.0	
Durable goods.....do.....	474.6	480.3	487.3	482.4	480.6	472.9	481.7	482.9	475.9	482.2	474.6	468.7	462.2	*441.4	*460.9	468.1	
Nondurable goods.....do.....	1,130.0	1,193.7	1,182.2	1,178.6	1,174.3	1,174.2	1,188.4	1,192.0	1,208.1	1,214.8	1,215.2	1,219.3	1,212.5	*1,205.9	*1,215.6	1,208.0	
Services.....do.....	1,845.5	1,983.3	1,917.1	1,937.5	1,952.0	1,961.0	1,983.1	1,989.8	2,008.2	2,020.5	2,029.8	2,037.6	2,053.9	*2,061.1	*2,069.5	2,092.9	
Interest paid by consumers to business.....do.....	102.2	107.8	107.5	107.5	107.3	107.6	107.5	107.8	108.0	107.9	108.0	108.4	109.0	108.9	*108.8	108.7	
Personal transfer payments to foreigners (net).....do.....	1.4	.9	.9	.9	.4	.4	.4	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	
Equals: Personal saving.....do.....	171.8	180.1	191.1	209.0	196.5	207.2	181.5	184.2	165.0	150.2	152.5	166.1	183.9	*188.8	*160.9	148.2	
Personal saving as percentage of disposable personal income.....percent.....	4.6	4.6	4.9	5.1	5.2	5.0	4.8	4.5	4.2	3.9	3.9	4.2	4.5	*4.4	*4.1	.....
Disposable personal income in constant (1982) dollars.....bil. \$..	2,869.0	2,893.5	2,900.9	2,908.7	2,901.0	2,900.4	2,907.1	2,910.6	2,896.8	2,886.8	2,863.7	2,869.9	2,883.5	*2,859.1	*2,858.7	2,863.6	
Personal consumption expenditures in constant (1982) dollars.....do.....	2,656.8	2,681.6	2,677.3	2,672.9	2,675.3	2,667.4	2,693.6	2,695.0	2,696.5	2,698.8	2,675.6	2,672.3	2,672.8	*2,646.0	*2,666.1	2,680.3	
Durable goods.....do.....	428.0	437.4	433.5	429.1	428.6	421.6	430.1	430.5	424.1	434.0	420.5	415.8	410.5	*392.5	*406.9	412.3	
Nondurable goods.....do.....	919.9	911.1	920.6	913.3	909.9	909.2	914.5	916.8	920.9	911.6	903.4	896.5	*890.7	*898.0	*895.2	895.2	
Services.....do.....	1,309.0	1,343.1	1,323.2	1,330.5	1,336.9	1,336.6	1,349.1	1,347.7	1,351.5	1,353.2	1,351.3	1,353.1	1,365.8	*1,362.7	*1,361.1	1,372.8	
Implicit price deflator for personal consumption expenditures.....index, 1982=100.....	129.9	136.4	134.0	134.6	134.8	135.3	135.6	136.0	136.9	138.0	139.1	139.4	139.5	140.1	*140.5	140.6	
INDUSTRIAL PRODUCTION ◊																	
<i>Federal Reserve Board Index of Quantity Output</i>																	
Not Seasonally Adjusted																	
Total index.....1987=100.....	108.1	109.2	109.0	108.6	107.6	107.7	111.9	108.9	112.7	113.5	111.3	107.7	105.3	*105.0	106.1	*104.9	
By industry groups:																	
Mining.....do.....	100.5	102.6	103.1	102.1	102.4	100.5	101.1	100.1	101.6	103.1	103.7	106.0	*104.7	*103.3	*106.0	*103.9	
Utilities.....do.....	107.0	108.0	120.0	109.7	101.5	93.9	103.7	103.8	103.9	106.2	96.9	101.2	116.6	*128.6	*120.9	*109.8	
Manufacturing.....do.....	108.9	109.9	108.6	109.2	108.7	109.6	113.6	109.8	114.0	115.1	113.3	108.5	*104.4	*103.0	*104.8	*104.6	
Durable.....do.....	110.9	111.6	110.9	112.6	111.0	112.4	115.8	110.3	114.4	116.1	114.6	109.3	105.6	*104.4	*106.1	*105.9	
Nondurable.....do.....	106.4	107.8	105.7	104.9	105.7	106.1	110.9	109.1	113.6	113.9	111.7	106.9	*102.3	*101.2	*103.1	*103.0	
Seasonally Adjusted																	
Total index.....do.....	108.1	109.2	108.5	108.9	108.8	109.4	110.1	110.4	110.5	110.6	109.9	108.3	107.2	106.6	105.7	*105.3	
By market groups:																	
Products, total.....do.....	108.6	110.1	109.4	110.1	109.8	110.5	110.9	110.9	110.9	111.4	111.0	109.3	108.4	*107.8	*106.8	*106.6	
Final products.....do.....	109.1	110.8	109.7	110.7	110.4	111.2	111.7	111.7	111.7	112.6	112.3	110.2	109.2	*109.1	*108.3	*108.3	
Consumer goods.....do.....	106.7	107.3	107.0	107.5	107.2	107.4	107.8	107.5	107.8	108.7	108.6	106.5	*105.7	*105.5	*104.5	*104.9	

See footnotes at end of tables.

Units	Annual		1990										1991				
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	GENERAL BUSINESS INDICATORS—Continued																
INDUSTRIAL PRODUCTION ◊—Continued																	
Seasonally Adjusted—Continued																	
By market groups—Continued																	
Final products—Continued																	
Consumer goods—Continued																	
Durable.....	1987=100...	107.9	106.1	106.2	110.8	107.3	109.3	112.1	108.3	107.4	110.4	106.9	99.4	96.0	*97.4	94.8	*94.8
Automotive products.....	do	106.9	102.2	99.3	109.3	102.4	107.0	112.2	106.7	104.6	111.8	107.1	93.5	86.7	*90.4	*86.8	*87.5
Autos and trucks.....	do	105.7	97.2	92.7	107.7	95.8	105.6	112.9	104.8	101.5	113.0	107.5	84.2	74.6	*79.6	75.2	*77.2
Other durable goods.....	do	108.8	109.3	111.6	112.0	111.2	111.1	112.0	109.5	109.6	109.3	106.8	104.1	103.4	*103.0	*101.2	*100.5
Nondurable.....	do	106.4	107.6	107.2	106.6	107.1	106.9	106.6	107.3	107.9	108.2	109.1	108.5	*108.4	107.7	*107.2	*107.7
Foods and tobacco.....	do	104.2	105.9	106.2	105.8	105.6	105.2	104.4	105.1	105.7	105.3	106.7	107.8	*107.5	*106.4	*106.3	*106.8
Clothing.....	do	101.6	95.7	99.6	97.0	95.0	96.4	95.7	95.6	94.6	95.3	94.2	91.7	*92.1	*90.4	*89.9	*89.9
Chemical products.....	do	109.5	113.2	112.0	111.0	113.5	113.0	112.8	112.4	114.3	115.1	115.9	113.5	*113.5	*113.9	*114.2	*114.9
Paper products.....	do	114.3	119.6	117.6	116.4	118.1	118.6	118.3	120.3	119.3	121.9	123.4	122.8	122.7	*122.1	*120.3	*120.1
Energy products.....	do	106.7	105.9	101.5	108.1	104.1	104.1	105.3	106.7	109.0	108.0	108.8	106.6	*106.6	*106.4	*104.7	*106.6
Equipment, total.....	do	112.3	115.5	113.3	114.9	114.7	116.2	116.8	117.2	117.2	117.8	117.0	115.1	*113.6	*113.7	*113.2	*112.7
Business equipment.....	do	119.1	123.0	120.1	122.2	121.6	123.5	124.4	125.0	125.4	126.4	125.4	122.9	*121.2	*121.8	*121.1	*120.5
Information processing and related machines.....	do	121.7	127.2	124.7	126.0	126.4	126.6	126.3	128.0	128.5	129.5	130.1	128.8	*127.5	*129.7	*131.3	*137.8
Office and computing machines.....	do	137.2	149.6	144.3	147.2	149.3	148.9	150.6	152.7	152.2	153.6	155.3	149.8	148.9	*154.0	*156.4	*156.9
Industrial.....	do	113.8	115.2	113.4	113.9	114.2	115.8	116.0	117.2	117.9	117.4	115.4	115.3	*112.3	*111.6	*109.7	*108.2
Transit.....	do	123.8	130.0	122.7	130.6	126.2	132.5	137.4	135.5	135.4	140.5	137.5	126.3	*123.4	*125.9	*123.2	*123.5
Autos and trucks.....	do	103.9	96.7	91.7	104.5	95.2	105.7	112.2	103.1	101.5	111.0	106.5	83.9	75.3	79.8	75.5	*77.3
Defense and space equipment.....	do	97.4	97.3	97.6	97.5	97.3	97.6	97.6	97.8	97.7	97.3	97.3	96.2	95.8	*94.4	*94.3	*93.8
Oil and gas well drilling.....	do	93.7	109.3	100.1	106.0	114.3	118.6	119.5	116.2	106.9	107.4	107.1	109.7	107.3	106.4	108.2	*107.7
Manufactured homes.....	do	92.3	90.6	94.3	92.9	89.7	91.3	92.8	90.0	93.4	91.8	89.0	87.3	83.4	*83.1	*77.3	*78.5
Intermediate products.....	do	106.8	107.7	108.4	108.2	108.0	108.3	108.3	108.4	107.9	107.4	107.0	106.2	*106.0	*102.2	*101.3	*101.3
Construction supplies.....	do	106.1	105.2	108.2	107.3	106.4	105.5	106.0	106.7	105.3	103.8	103.1	101.8	*101.0	*97.6	*96.3	*94.8
Business supplies.....	do	107.3	109.4	108.5	108.9	109.1	110.2	109.8	109.5	109.7	109.9	109.7	109.2	*109.4	*108.5	*106.3	*105.8
Materials.....	do	107.4	107.8	107.1	107.1	107.3	107.7	108.8	109.6	109.7	109.4	108.3	106.8	*105.3	*104.7	*103.9	*103.4
Durable.....	do	111.6	111.8	110.8	110.9	110.9	112.5	113.8	114.0	114.9	114.1	112.5	110.4	107.5	*106.6	*105.7	*105.0
Nondurable.....	do	105.3	106.0	105.8	105.2	106.1	105.2	106.1	107.8	106.8	106.9	106.5	105.6	*104.9	*105.1	*103.3	*103.3
Energy.....	do	101.3	102.1	101.7	102.0	101.8	101.1	102.1	103.3	103.0	103.0	102.3	101.6	*102.0	*101.2	*101.0	*100.6
By industry groups:																	
Mining.....	do	100.5	102.5	101.0	101.1	102.9	102.2	102.2	104.0	102.4	103.9	102.6	103.3	*103.4	*101.9	*108.8	*102.9
Metal mining.....	do	141.4	152.8	143.4	141.4	152.7	148.7	156.7	164.8	155.7	163.6	146.8	153.4	*162.0	*143.0	*153.0	*153.6
Coal.....	do	105.7	113.4	111.9	112.9	114.2	110.0	113.5	110.5	110.2	116.8	114.7	112.9	110.6	108.4	*112.8	*110.8
Oil and gas extraction #.....	do	95.5	95.5	94.1	94.6	95.7	96.0	94.6	95.5	95.8	95.8	95.8	97.3	96.7	*96.4	*98.3	*97.3
Crude oil.....	do	91.4	87.5	87.7	88.7	87.3	86.5	83.8	86.1	87.6	86.8	87.5	89.0	*90.5	*91.1	91.3	91.3
Natural gas.....	do	102.7	104.6	103.0	101.1	104.5	106.3	106.4	107.1	105.4	105.7	104.8	106.5	*103.4	*101.3	106.4	106.4
Stone and earth minerals.....	do	113.9	119.3	120.0	116.5	120.2	119.9	121.1	121.8	120.1	121.7	118.0	113.5	*118.9	*118.1	*111.5	*113.0
Utilities.....	do	107.0	108.0	104.0	106.2	106.7	107.1	109.7	109.7	111.4	110.3	109.2	106.9	*108.8	*107.8	*104.2	*105.7
Electric.....	do	108.1	110.8	107.1	109.7	110.3	113.1	112.1	113.6	112.9	112.1	109.6	111.8	*110.8	*110.8	*107.1	*108.7
Gas.....	do	103.0	97.7	92.3	93.3	95.5	95.2	97.4	100.7	103.3	100.9	98.1	97.0	*97.6	*96.5	*93.8	*94.6
Manufacturing.....	do	108.9	109.9	109.6	109.8	109.5	110.3	110.8	111.1	111.1	111.2	110.7	108.9	*107.5	*107.0	*106.0	*105.5
Durable.....	do	110.9	111.6	110.7	111.9	111.1	112.6	113.4	113.4	113.5	113.8	112.5	109.9	*107.5	*107.0	*106.2	*105.5
Lumber and products.....	do	103.1	101.1	104.3	105.0	103.3	101.7	102.0	103.6	100.5	100.3	98.2	95.5	*93.7	*90.4	*90.8	*90.6
Furniture and fixtures.....	do	105.3	105.9	104.8	105.9	107.6	108.0	108.7	108.0	106.7	106.9	104.4	102.3	*102.0	*99.3	*96.0	*95.6
Clay, glass, and stone products.....	do	108.0	105.8	108.0	107.7	105.1	106.4	106.1	106.0	106.6	104.5	104.4	103.8	*100.7	*97.2	*98.2	*95.6
Primary metal.....	do	109.2	108.2	107.9	108.4	106.4	106.2	109.5	110.3	114.6	111.6	108.6	109.1	*104.2	*98.5	*99.2	*99.2
Iron and steel.....	do	109.3	109.7	110.6	106.1	106.7	105.5	110.3	110.6	113.3	113.9	110.3	112.6	*107.3	*96.0	*97.9	*100.3
Nonferrous.....	do	109.0	106.1	104.0	104.3	105.9	107.1	108.3	109.3	109.4	108.4	106.2	104.1	*99.8	*100.3	*99.3	*97.7
Fabricated metal products.....	do	107.2	105.8	105.6	105.5	105.0	107.1	106.7	107.7	107.9	106.8	106.4	104.3	*101.9	*101.6	*98.9	*97.5
Nonelectrical machinery.....	do	121.8	126.5	124.2	125.2	125.7	126.9	127.5	128.3	128.8	128.5	128.1	126.3	*124.7	*125.5	*124.7	*124.0
Electrical machinery.....	do	109.5	111.4	111.0	112.3	111.3	112.4	112.8	112.2	112.5	112.5	110.8	112.4	108.7	*107.7	*108.5	*108.1
Transportation equipment.....	do	107.2	105.5	103.5	107.9	105.1	109.0	111.0	109.3	107.9	111.1	109.2	100.1	96.6	*98.1	*96.0	*95.4
Motor vehicles and parts.....	do	104.9	96.8	94.1	103.5	95.8	104.0	108.0	102.7	101.0	107.5	103.8	85.8	78.5	83.0	*73.8	*80.1
Instruments.....	do	116.4	116.9	116.2	115.7	115.8	116.5	115.0	116.9	117.5	118.4	118.1	118.1	*117.3	*118.8	*119.1	*118.1
Nondurable.....	do	106.4	107.8	108.3	107.2	107.5	107.4	107.6	108.1	108.1	108.0	108.4	107.7	*107.4	*106.9	*105.7	*105.5
Foods.....	do	105.5	107.6	107.4	107.1	107.0	106.8	106.1	107.1	107.7	107.6	108.8	107.6	109.1	*108.4	*108.1	*108.4
Tobacco products.....	do	99.6	98.7	102.3	100.0	98.8	97.2	95.6	98.5	96.3	96.4	97.8	99.0	*101.1	*100.0	*99.4	*98.4
Textile mill products.....	do	101.9	100.7	103.0	99.8	100.9	102.7	103.6	102.9	100.4	100.7	101.2	97.4	*96.1	*96.4	*93.6	*93.8
Apparel products.....	do	104.3	98.8	102.1	99.8	98.7	99.2	99.3	99.2	98.8	98.4	97.2	95.5	*94.9	*92.9	*93.1	*92.3
Paper and products.....	do	103.2	105.4	105.0	102.8	105.3	104.0	104.2	107.8	106.5	106.8	105.1	105.4	*104.1	*101.2	*101.2	*101.2
Printing and publishing.....	do	108.5	112.0	112.1	111.4	112.0	112.8	112.0	111.4	110.9	111.6	112.9	112.4	*112.8	*112.4	*110.5	*109.5
Chemicals and products.....	do	108.5	110.1	110.5	109.5	110.3	109.2	110.3	110.4	111.1	110.9	110.7	110.0	*109.9	*109.7	*109.0	*108.9
Petroleum products.....	do	106.1	108.3	112.0	109.1	106.8	104.6	106.5	110.5	110.2	109.3	108.6	107.8				

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
GENERAL BUSINESS INDICATORS—Continued																	
BUSINESS INVENTORIES																	
Mfg. and trade inventories, book value (non-LIFO basis), end of period, (unadjusted), total.....mil. \$..	*798,787	*815,348	*808,780	*811,991	*816,598	*818,312	*809,332	*814,755	*816,675	*823,540	*843,061	*847,768	*815,348	*824,829	828,686		
Mfg. and trade inventories, book value (non-LIFO basis), end of period, (seas. adj.), total.....mil. \$..	*810,257	*826,941	*810,024	*809,629	*812,075	*816,425	*812,457	*818,951	*823,468	*827,145	*830,414	*832,464	*826,941	*831,445	829,831		
Manufacturing, total.....do.....	*388,825	*388,811	*386,273	*384,947	*385,652	*386,235	*384,373	*387,104	*387,986	*390,992	*391,460	*392,370	*388,811	*388,881	388,475		
Durable goods industries.....do.....	*253,261	*252,836	*254,499	*252,994	*254,328	*254,564	*252,877	*254,521	*254,721	*255,278	*255,113	*256,387	*252,836	*252,170	252,360		
Nondurable goods industries.....do.....	*130,564	*135,975	*131,774	*131,953	*131,324	*131,671	*131,496	*132,583	*133,265	*135,714	*136,347	*135,983	*135,975	*136,211	136,115		
Retail trade, total.....do.....	238,159	242,563	*235,098	235,591	235,914	237,711	237,445	239,657	242,898	243,217	244,901	244,550	242,563	*244,071	241,831		
Durable goods stores.....do.....	120,663	120,629	*117,444	117,743	117,589	118,485	118,830	120,165	123,271	123,559	124,048	122,947	120,629	*121,217	119,386		
Nondurable goods stores.....do.....	117,496	121,934	*117,654	117,848	118,325	119,226	118,615	119,492	119,622	119,658	120,853	121,603	121,934	*122,854	122,445		
Merchant wholesalers, total.....do.....	*188,273	*195,567	*188,653	*189,091	*190,509	*192,479	*190,639	*192,190	*192,589	*192,936	*194,053	*195,544	*195,567	*198,993	199,525		
Durable goods establishments.....do.....	*123,436	*128,619	*125,036	*124,651	*125,222	*126,337	*125,405	*126,204	*127,375	*127,614	*127,235	*127,971	*128,619	*131,331	132,239		
Nondurable goods establishments.....do.....	*64,837	*66,948	*63,617	*64,440	*65,287	*66,142	*65,234	*65,986	*65,214	*65,322	*66,818	*67,573	*66,948	*67,662	67,286		
Mfg. and trade inventories in constant (1982) dollars, end of period(seas. adj.),total.....bil. \$..			695.2	695.3	697.3	700.0	696.9	700.4	699.2	699.2	697.8	698.0	692.7	695.7	693.8		
Manufacturing.....do.....			335.2	334.0	334.5	334.9	333.4	335.2	334.2	334.3	332.9	332.6	329.7	329.6	329.7		
Retail trade.....do.....			191.8	192.9	193.2	194.6	194.8	195.5	195.3	195.0	195.7	195.1	192.7	192.6	190.5		
Merchant wholesalers.....do.....			168.2	168.4	169.6	170.6	168.7	169.6	169.6	169.3	169.3	170.3	170.3	*173.5	173.6		
BUSINESS INVENTORY-SALES RATIOS																	
Manufacturing and trade, total.....ratio.....			*1.51	*1.50	*1.52	*1.51	*1.49	*1.51	*1.48	*1.50	*1.50	*1.52	*1.55	*1.58	1.57		
Manufacturing, total.....do.....			*1.62	*1.59	*1.62	*1.59	*1.57	*1.59	*1.54	*1.58	*1.55	*1.60	*1.64	*1.66	1.66		
Durable goods industries.....do.....			*2.03	*2.00	*2.05	*1.99	*1.96	*2.01	*1.95	*2.03	*2.00	*2.09	*2.13	*2.14	2.15		
Materials and supplies.....do.....			*.57	*.55	*.57	*.55	*.54	*.56	*.54	*.56	*.55	*.58	*.60	*.61	.61		
Work in process.....do.....			*.97	*.95	*.98	*.95	*.93	*.96	*.93	*.97	*.95	*1.00	*1.00	*1.01	1.01		
Finished goods.....do.....			.50	.49	*.50	.49	*.48	*.49	*.48	.50	.49	*.51	.53	*.53	.53		
Nondurable goods industries.....do.....			*1.16	*1.15	*1.14	*1.14	*1.14	*1.14	*1.10	*1.11	*1.10	*1.10	*1.15	*1.17	1.18		
Materials and supplies.....do.....			*.43	.42	.42	.42	.42	.40	.40	.40	.41	.42	.43	.43	.43		
Work in process.....do.....			*.20	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19		
Finished goods.....do.....			*.54	*.53	*.53	*.53	*.53	*.53	.51	*.52	*.51	.51	*.54	*.55	.55		
Retail trade, total.....do.....			1.56	1.57	1.59	1.60	1.58	1.59	1.61	1.59	1.61	1.60	1.62	1.65	1.60		
Durable goods stores.....do.....			*2.11	2.13	2.16	2.18	2.19	2.19	2.29	2.27	2.28	2.27	2.30	*2.38	2.25		
Nondurable goods stores.....do.....			1.24	1.24	1.25	1.26	1.24	1.24	1.23	1.22	1.24	1.23	1.25	1.27	1.25		
Merchant wholesalers, total.....do.....			*1.27	*1.26	*1.29	*1.29	*1.27	*1.29	*1.26	*1.28	*1.29	*1.32	*1.32	*1.37	1.37		
Durable goods establishments.....do.....			*1.70	*1.67	*1.71	*1.70	*1.68	*1.71	*1.72	*1.75	*1.78	*1.83	*1.81	*1.90	1.89		
Nondurable goods establishments.....do.....			.85	.86	*.88	.89	.86	*.88	.84	.84	.84	.86	.87	.89	.89		
Manufacturing and trade in constant (1982) dollars, total.....do.....			1.44	1.43	1.45	1.44	1.42	1.44	1.42	1.45	1.45	1.47	1.49	1.51	1.50		
Manufacturing.....do.....			1.49	1.47	1.49	1.47	1.46	1.48	1.44	1.47	1.45	1.49	1.53	*1.53	1.53		
Retail trade.....do.....			1.51	1.52	1.54	1.55	1.54	1.54	1.55	1.55	1.57	1.56	1.58	*1.60	1.55		
Merchant wholesalers.....do.....			1.28	1.27	1.29	1.28	1.26	1.28	1.26	1.30	1.32	1.34	1.35	*1.40	1.38		
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS †																	
Shipments (not seas. adj.), total.....mil. \$..	*2,840,264	*2,917,465	*2,877,972	*2,543,349	*2,389,966	*2,455,007	*2,600,400	*2,209,930	*2,483,339	*2,624,222	*2,599,185	*2,442,210	*2,374,271	*2,142,255	2,313,378		
Durable goods industries, total.....do.....	*1,494,388	*1,504,650	*1,251,142	*1,386,345	*1,244,831	*1,299,954	*1,400,143	*1,106,644	*1,259,921	*1,337,787	*1,316,682	*1,212,237	*1,196,684	*1,046,622	1,167,753		
Stone, clay, and glass products.....do.....	*63,763	*62,897	*5,105	*5,420	*5,475	*5,487	*5,812	*5,070	*5,545	*5,575	*5,535	*4,985	*4,197	*4,033	4,285		
Primary metals.....do.....	*153,021	*144,185	*12,085	*12,646	*12,819	*12,201	*12,748	*11,394	*12,295	*12,409	*12,743	*11,447	*10,578	*10,617	10,683		
Blast furnaces, steel mills.....do.....	*62,740	*58,921	*4,896	*5,248	*5,069	*5,096	*5,272	*4,620	*4,942	*4,958	*5,213	*4,720	*4,498	*4,499	4,287		
Fabricated metal products.....do.....	*180,579	*188,115	*15,701	*16,952	*15,786	*16,173	*15,062	*14,354	*15,665	*16,626	*16,578	*14,901	*14,904	*13,850	14,796		
Industrial machinery and equipment.....do.....	*260,805	*268,573	*21,344	*25,339	*21,425	*21,507	*25,079	*18,724	*20,532	*23,989	*21,991	*21,047	*23,334	*17,330	20,305		
Electronic and other electrical equipment.....do.....	*195,225	*200,430	*16,781	*17,549	*15,846	*16,621	*18,015	*14,965	*16,695	*18,134	*17,151	*17,135	*16,925	*14,758	16,422		
Transportation equipment.....do.....	*372,436	*377,319	*32,108	*35,048	*31,973	*34,540	*37,276	*25,473	*32,458	*33,416	*34,345	*29,303	*28,476	*25,107	29,483		
Motor vehicles and parts.....do.....	*233,203	*226,050	*20,275	*21,776	*20,260	*22,523	*23,033	*14,133	*20,110	*19,682	*22,197	*17,212	*11,784	*15,467	16,983		
Instruments and related products.....do.....	*118,000	*120,219	*9,650	*10,605	*9,407	*10,120	*10,740	*9,137	*9,703	*10,620	*10,246	*10,305	*10,810	*8,714	9,460		
Nondurable goods industries, total.....do.....	*1,345,876	*1,412,815	*1,128,330	*1,180,004	*1,141,135	*1,155,053	*1,202,257	*1,102,286	*1,228,418	*1,285,635	*1,275,553	*1,229,973	*1,145,887	*1,096,633	1,142,625		
Food and kindred products.....do.....	*379,543	*397,090	*32,193	*33,639	*31,915	*33,530	*34,493	*31,872	*33,411	*35,229	*34,679	*33,511	*33,005	*29,912	32,591		
Tobacco products.....do.....	*26,003	*28,161	*1,829	*2,617	*2,222	*2,863	*2,557	*1,726	*2,468	*2,744	*2,393	*3,179	*2,346	*1,548	1,825		
Textile mill products.....do.....	*68,366	*68,535	*5,449	*5,759	*5,297	*5,392	*5,822	*4,447	*5,494	*5,603	*5,510	*5,293	*4,655	*4,267	4,827		
Paper and allied products.....do.....	*128,287	*128,761	*10,808	*11,054	*10,614	*10,708	*11,156	*10,542	*10,982	*11,041	*10,904	*10,473	*10,093	*10,030	10,315		
Chemicals and allied products.....do.....	*275,187	*285,612	*23,190	*24,548	*24,252	*23,506	*24,736	*22,049	*24,493	*25,487	*24,260	*23,929	*23,031	*23,701	24,139		
Petroleum and coal products.....do.....	*146,310	*179,357	*12,571	*12,442	*12,687	*12,995	*13,039	*13,035	*16,683	*18,752	*19,604	*18,201	*16,080	*14,935	13,414		
Rubber and plastics products.....do.....	*94,357	*91,657	*7,494	*8,146	*7,767	*7,616	*8,305	*7,426	*7,867	*8,051	*8,335	*7,215	*6,684	*6,953	7,471		
Shipments (seas. adj.), total.....do.....	*238,812	*241,975	*238,663	*243,214	*244,602	*242,754	*251,502	*247,916	*251,953	*245,827	*236,575	*234,548	233,445				
By industry group:																	
Durable goods industries, total #.....do.....			*125,092	*126,769	*123,885	*127,891	*129,167	*126,591	*130,441	*125,733	*127,692	*122,693	*118,578	*117,648	117,616		
Stone, clay, and glass products.....do.....			*5,396	*5,337	*5,271	*5,334	*5,373	*5,349	*5,288	*5,206	*5,122	*4,983	*4,832	*4,610	4,561		
Primary metals.....do.....			*11,778	*12,022	*11,953	*11,948	*12,066	*12,360	*12,307	*12,118	*12,352	*11,754	*11,485	*11,140	10,580		
Blast furnaces, steel mills.....do.....			*4,825	*4,963	*4,823	*4,896	*4,945	*5,005	*5,036	*4,953	*5,108	*4,913	*4,568	*4,623	4,261		
Fabricated metal products.....do.....			*15,420	*15,821	*15,449	*16,041	*15,918	*15,804	*15,879	*15,876	*15,894	*15,309	*15,606	*14,846	14,666		
Industrial machinery and equipment.....do.....			*21,828	*22,664	*21,691	*21,722	*21,901	*21,207	*22,042	*21,798	*22,433	*22,235	*21,876	*21,006	20,949		
Electronic and other electrical equipment.....do.....			*16,853	*16,553	*16,372	*17,023	*16,673	*16,838	*16,791	*16,536	*17,026</						

Units	Annual		1990										1991			
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued †																
Shipments (seas. adj.)—Continued																
By market category:																
Home goods and apparel.....mil. \$..	"173,136	"170,871	"14,277	"14,198	"13,863	"14,409	"14,366	"14,240	"14,114	"14,033	"14,353	"14,320	"14,444	"14,039	13,774	.....
Consumer staples.....do.....	"617,547	"670,558	"53,547	"54,368	"54,284	"54,671	"54,211	"54,807	"57,544	"58,092	"59,575	"59,319	"56,705	"55,652	55,662	.....
Machinery and equipment.....do.....	"458,113	"472,748	"39,877	"39,284	"38,512	"39,120	"40,268	"39,003	"40,690	"39,991	"40,874	"39,250	"38,310	"38,105	38,271	.....
Automotive equipment.....do.....	"113,294	"103,865	"8,637	"9,176	"8,665	"9,431	"9,622	"9,056	"9,963	"8,900	"9,282	"7,753	"6,426	"7,090	7,052	.....
Construction materials, supplies, and intermediate products.....do.....	"175,948	"170,750	"14,763	"14,574	"14,241	"14,581	"14,544	"14,414	"14,367	"14,020	"13,888	"13,498	"13,348	"12,941	12,772	.....
Other materials, supplies, and intermediate products.....do.....	"974,969	"983,829	"80,216	"82,164	"80,623	"82,355	"83,009	"82,573	"85,267	"83,408	"84,145	"82,098	"78,870	"78,608	77,673	.....
Supplementary series:																
Household durables.....do.....	"76,973	"77,561	"6,537	"6,529	"6,253	"6,424	"6,427	"6,384	"6,429	"6,449	"6,515	"6,513	"6,658	"6,383	6,275	.....
Capital goods industries.....do.....	"471,469	"491,594	"41,007	"40,733	"40,163	"40,588	"41,433	"40,270	"41,610	"41,091	"41,539	"41,142	"41,523	"39,923	40,762	.....
Nondefense.....do.....	"364,922	"384,663	"32,665	"31,838	"31,274	"31,258	"32,378	"31,223	"32,478	"32,416	"32,632	"32,099	"32,772	"31,721	32,220	.....
Defense.....do.....	"106,547	"106,931	"8,342	"8,895	"8,889	"9,293	"9,055	"9,047	"9,132	"8,675	"8,907	"9,043	"8,801	"8,202	8,542	.....
Inventories, end of year or month:																
Book value (non-LIFO basis), (unadjusted), total.....do.....																
Durable goods industries, total.....do.....	"377,201	"382,135	"388,164	"385,737	"388,122	"389,654	"388,994	"388,114	"389,637	"388,993	"391,165	"391,216	"382,135	"387,733	390,584	.....
Nondurable goods industries, total.....do.....	"129,190	"134,520	"132,367	"131,880	"131,917	"132,192	"130,960	"132,741	"133,660	"135,213	"136,417	"135,776	"134,520	"136,698	136,733	.....
Book value (non-LIFO basis), (seasonally adjusted), total.....do.....																
By industry group:																
Durable goods industries, total #.....do.....																
Stone, clay, and glass products.....do.....	"253,261	"252,836	"254,499	"252,994	"254,328	"254,564	"252,877	"254,521	"254,721	"255,278	"255,113	"256,387	"252,836	"252,170	252,360	.....
Primary metals.....do.....	"7,780	"8,157	"7,757	"7,713	"7,759	"7,686	"7,760	"7,761	"7,828	"7,911	"8,039	"8,078	"8,157	"8,223	8,303	.....
Blast furnaces, steel mills.....do.....	"22,663	"23,651	"22,681	"22,297	"22,431	"22,435	"22,723	"22,974	"23,301	"23,584	"23,612	"23,544	"23,651	"23,257	23,192	.....
Fabricated metal products.....do.....	"10,948	"11,658	"11,155	"10,928	"10,947	"10,838	"10,873	"11,006	"11,145	"11,304	"11,313	"11,388	"11,658	"11,400	11,350	.....
Industrial machinery and equipment.....do.....	"24,600	"24,585	"25,199	"24,879	"24,840	"24,736	"24,546	"24,683	"24,759	"24,653	"24,904	"24,863	"24,585	"24,519	24,673	.....
Electronic and other electrical equipment.....do.....	"48,557	"47,724	"48,882	"48,315	"48,556	"48,731	"48,078	"48,289	"48,294	"48,457	"48,409	"48,499	"47,724	"47,977	48,199	.....
Transportation equipment.....do.....	"31,130	"30,067	"31,205	"31,065	"31,022	"30,939	"30,750	"30,856	"30,720	"30,607	"30,584	"30,067	"29,947	"29,947	29,692	.....
Motor vehicles and parts.....do.....	"72,576	"73,424	"72,701	"72,427	"73,261	"73,676	"72,969	"73,921	"73,523	"73,511	"73,228	"74,818	"73,424	"73,486	73,594	.....
Instruments and related products.....do.....	"12,159	"13,039	"12,165	"11,919	"12,185	"12,114	"12,161	"12,710	"12,408	"12,408	"12,370	"12,750	"13,039	"13,085	13,267	.....
By stage of fabrication:																
Materials and supplies.....do.....	"24,998	"24,273	"25,286	"25,341	"25,306	"25,170	"25,008	"24,981	"24,987	"24,982	"25,119	"24,826	"24,273	"23,975	23,920	.....
Work in process.....do.....	"71,295	"71,191	"70,916	"70,282	"70,390	"70,599	"70,107	"70,637	"70,044	"70,268	"70,741	"71,041	"71,191	"71,208	71,226	.....
Finished goods.....do.....	"120,890	"119,169	"121,590	"120,881	"121,720	"121,617	"120,546	"121,509	"121,956	"122,352	"121,692	"122,487	"119,169	"119,015	118,800	.....
Nondurable goods industries, total #.....do.....																
Food and kindred products.....do.....	"130,564	"135,975	"131,774	"131,953	"131,324	"131,671	"131,496	"132,583	"133,265	"135,714	"136,347	"135,983	"135,975	"136,211	136,115	.....
Tobacco products.....do.....	"26,880	"27,784	"26,897	"27,137	"27,126	"27,292	"27,359	"27,533	"27,696	"28,055	"28,186	"28,047	"27,784	"28,091	28,130	.....
Textile mill products.....do.....	"5,094	"5,375	"5,434	"5,341	"5,329	"5,273	"5,333	"5,330	"5,438	"5,396	"5,332	"5,225	"5,375	"5,642	5,733	.....
Paper and allied products.....do.....	"8,999	"8,846	"9,105	"9,095	"9,133	"9,134	"9,026	"9,005	"9,021	"9,096	"9,080	"8,933	"8,846	"8,892	8,871	.....
Chemicals and allied products.....do.....	"12,962	"13,362	"13,185	"13,165	"13,153	"13,194	"13,245	"13,305	"13,192	"13,225	"13,241	"13,247	"13,547	"13,547	13,688	.....
Petroleum and coal products.....do.....	"31,098	"32,366	"30,714	"30,858	"31,057	"31,129	"31,882	"31,339	"31,253	"31,557	"31,897	"32,172	"32,366	"32,651	32,760	.....
Rubber and plastics products.....do.....	"10,688	"13,175	"11,462	"11,529	"11,157	"11,062	"11,013	"11,008	"11,736	"13,328	"13,370	"13,370	"13,175	"12,279	11,821	.....
By stage of fabrication:																
Materials and supplies.....do.....	"11,430	"11,995	"11,329	"11,223	"11,092	"11,280	"11,265	"11,373	"11,363	"11,629	"11,952	"11,940	"11,995	"12,054	12,008	.....
Work in process.....do.....	"48,456	"49,710	"48,359	"48,731	"48,461	"48,405	"48,275	"48,654	"49,003	"49,407	"49,845	"49,981	"49,710	"50,034	49,738	.....
Finished goods.....do.....	"22,424	"22,906	"22,387	"22,360	"22,308	"22,476	"22,171	"22,286	"22,683	"23,149	"23,155	"22,950	"22,906	"22,428	22,419	.....
By market category:																
Home goods and apparel.....do.....	"28,080	"26,567	"28,512	"28,411	"28,091	"28,090	"27,910	"27,569	"27,618	"27,592	"27,158	"26,841	"26,567	"26,280	26,238	.....
Consumer staples.....do.....	"51,075	"54,407	"51,993	"52,175	"52,022	"52,126	"52,124	"52,593	"53,288	"54,640	"54,772	"54,573	"54,407	"54,614	54,490	.....
Machinery and equip.....do.....	"87,474	"87,135	"87,291	"87,001	"87,392	"87,687	"86,425	"87,290	"87,044	"87,498	"87,421	"87,914	"87,135	"87,645	87,568	.....
Automotive equipment.....do.....	"6,373	"6,698	"6,499	"6,407	"6,533	"6,562	"6,450	"6,710	"6,552	"6,513	"6,526	"6,604	"6,698	"6,660	6,721	.....
Construction materials, supplies, and intermediate products.....do.....	"23,508	"23,957	"23,500	"23,488	"23,475	"23,384	"23,423	"23,501	"23,721	"24,005	"24,107	"24,035	"23,957	"23,865	23,966	.....
Other materials, supplies, and intermediate products.....do.....	"128,055	"131,364	"128,378	"127,424	"127,869	"127,975	"128,025	"129,460	"129,879	"130,432	"131,188	"131,513	"131,364	"131,625	131,579	.....
Supplementary series:																
Household durables.....do.....	"13,548	"12,901	"13,591	"13,622	"13,604	"13,577	"13,464	"13,246	"13,371	"13,362	"13,254	"13,158	"12,901	"12,807	12,785	.....
Capital goods industries.....do.....	"124,243	"121,951	"124,630	"124,072	"124,731	"125,045	"123,620	"124,266	"124,218	"124,322	"123,975	"124,938	"121,951	"121,855	121,837	.....
Nondefense.....do.....	"84,141	"83,334	"83,907	"83,523	"83,881	"84,200	"83,018	"83,486	"83,885	"83,770	"84,212	"83,334	"84,132	"83,830	83,850	.....
Defense.....do.....	"40,102	"38,617	"40,723	"40,549	"40,850	"40,845	"40,602	"40,360	"40,732	"40,437	"40,205	"40,726	"38,617	"37,724	37,987	.....
New orders, net (unadj.), total.....do.....																
Durable goods industries, total.....do.....	"2,889,092	"2,923,715	"283,237	"260,668	"240,112	"245,028	"255,799	"228,035	"244,225	"263,029	"260,229	"238,277	"237,406	"217,443	233,897	.....
Nondurable goods industries, total.....do.....	"1,543,806	"1,511,501	"125,172	"114,963	"126,021	"130,142	"135,658	"115,055	"121,242	"134,528	"133,369	"115,896	"123,043	"107,749	118,902	.....
New orders, net (seas. adj.), total.....do.....																
By industry group:																
Durable goods industries, total.....do.....																
Primary metals.....do.....	"149,818	"143,388	"11,380	"12,469	"12,177	"12,299	"12,103	"12,411	"12,219	"11,993	"12,653	"11,190	"10,459	"9,506	9,609	.....
Blast furnaces, steel mills.....do.....	"60,458	"58,201	"4,684	"5,014	"4,949	"5,204	"5,062	"5,103	"5,160	"4,857	"5,223	"4,204	"3,786	"3,555	3,719	.....
Nonferrous and other primary metals.....do.....	"77,325	"73,379	"5,782	"6,293	"6,232	"6,074	"5,998	"6,298	"5,890	"6,186	"6,448	"6,078	"5,926	"5,215	5,096	.....
Fabricated metal products.....do.....	"177,552	"187,049	"15,177	"15,831	"15,524	"15,634	"15,848	"16,093	"15,577	"16,503	"15,156	"14,879	"15,532	"15,196	14,338	.....
Industrial machinery and equipment.....do.....	"262,898	"261,443	"21,909	"22,101	"21,284	"21,878	"21,427	"22,400	"21,065	"22,398	"21,904	"21,984	"20,492	"21,785	19,916	.....
Electronic and other electrical equipment.....do.....	"197,269	"201,261	"16,685	"16,242	"16,446	"17,368	"16,927	"16,496	"17,233	"16,084	"17,363	"15,950	"17,622	"16,243	18,002	.....
Transportation equipment.....do.....	"421,986	"393,599	"30,262	"36,368	"32,662	"34,623	"33,233	"34,228	"35,222	"32,915	"36,784	"26,903	"31,788	"29,837	29,806	.....
Aircraft, missiles, and parts.....do.....	"162,805	"145,798	"9,225	"15,357	"11,336	"12,054	"10,573	"12,965	"10,356	"12,571	"14,556	"9,085	"15,679	"11,235	12,790	.....
Nondurable goods industries, total.....do.....																
Industries with unfilled orders.....do.....	"1,345,286	"1,412,214	"113,548	"115,392	"114,730	"115,382	"115,339	"115,652	"121,572	"122,094	"124,101	"123,044	"117,975	"116,673	115,751	

Units	Annual		1990										1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

GENERAL BUSINESS INDICATORS—Continued

MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued ††																
Unfilled orders, end of period (unadjusted), total.....mil. \$.....	*517,822	*524,072	*524,343	*530,662	*531,808	*531,829	*527,228	*529,333	*525,219	*525,826	*526,870	*520,937	*524,072	*527,260	529,779	
Durable goods industries, total.....	*497,280	*504,131	*503,392	*509,010	*510,200	*510,388	*505,903	*508,314	*503,635	*504,376	*506,113	*500,772	*504,131	*507,258	509,407	
Nondurable goods industries with unfilled orders ‡.....do.....	*20,542	*19,941	*20,951	*21,652	*21,608	*21,441	*21,325	*21,019	*21,584	*21,450	*20,757	*20,165	*19,941	*20,002	20,372	
Unfilled orders, end of period (seasonally adjusted) total.....mil. \$.....	*520,837	*527,195	*520,680	*525,127	*526,797	*528,901	*526,695	*528,980	*528,070	*529,141	*532,164	*525,574	*527,195	*527,109	526,879	
By industry group:																
Durable goods industries, total #.....do.....	*499,494	*506,375	*499,590	*503,851	*505,569	*507,614	*505,504	*508,360	*506,939	*508,049	*511,232	*504,732	*506,375	*506,516	506,364	
Primary metals.....do.....	*23,927	*23,122	*23,514	*23,961	*24,185	*24,536	*24,573	*24,624	*24,411	*24,712	*24,148	*23,122	*21,488	*20,517	20,517	
Blast furnaces, steel mills.....do.....	*9,308	*8,578	*9,281	*9,282	*9,403	*9,711	*9,828	*9,926	*10,050	*9,954	*10,069	*9,360	*8,578	*7,510	6,968	
Nonferrous and other primary metals.....do.....	*11,930	*11,416	*11,612	*11,793	*11,868	*11,855	*11,732	*11,682	*11,301	*11,313	*11,481	*11,632	*11,416	*10,981	10,585	
Fabricated metal products.....do.....	*28,477	*27,411	*28,391	*28,401	*28,476	*28,069	*27,999	*28,288	*27,986	*28,613	*27,915	*27,485	*27,411	*27,761	27,433	
Industrial machinery and equipment.....do.....	*59,354	*57,185	*59,821	*59,258	*58,851	*59,007	*58,533	*59,726	*58,749	*59,349	*58,820	*58,569	*57,185	*57,964	56,931	
Electronic and other electrical equipment.....do.....	*48,377	*49,185	*48,685	*48,374	*48,448	*48,793	*49,047	*48,705	*49,147	*48,695	*49,032	*48,113	*49,185	*48,829	50,328	
Transportation equipment.....do.....	*261,092	*277,502	*262,112	*266,934	*268,607	*270,322	*268,782	*270,384	*270,094	*270,891	*275,001	*272,465	*277,502	*279,233	280,031	
Aircraft, missiles, and parts.....do.....	*223,248	*241,418	*223,987	*229,557	*230,756	*232,474	*231,896	*234,180	*233,255	*234,746	*238,744	*237,129	*241,418	*242,391	243,688	
Nondurable goods industries with unfilled orders ‡.....do.....	*21,343	*20,820	*21,090	*21,276	*21,228	*21,287	*21,191	*20,620	*21,131	*21,092	*20,932	*20,842	*20,820	*20,593	20,515	
By market category:																
Home goods and apparel.....do.....	1,420	1,283	1,350	1,358	1,313	1,254	1,330	1,326	1,353	1,344	1,333	1,324	1,283	1,291	1,285	
Consumer staples.....do.....	*206,341	*229,017	*203,718	*213,220	*213,725	*214,208	*214,527	*218,066	*216,955	*218,792	*224,088	*223,166	*229,017	*230,861	231,837	
Machinery and equipment.....do.....	*2,026	*1,843	*2,009	*1,970	*2,021	*2,104	*2,012	*1,997	*2,001	*1,985	*1,955	*1,894	*1,843	*1,876	1,879	
Automotive equipment.....do.....																
Construction materials, supplies, and intermediate products.....do.....	*13,024	*12,550	*12,787	*12,703	*12,791	*12,756	*12,742	*12,874	*12,881	*13,123	*13,052	*12,694	*12,550	*12,439	12,291	
Other materials, supplies, and intermediate products.....do.....	*129,044	*125,773	*123,724	*123,896	*130,358	*131,571	*130,045	*129,870	*130,160	*129,880	*129,359	*127,640	*125,773	*124,910	124,916	
Supplementary series:																
Household durables.....do.....	*5,750	*5,203	*5,284	*5,189	*5,199	*5,130	*5,232	*5,262	*5,238	*5,352	*5,225	*5,464	*5,203	*4,752	4,593	
Capital goods industries.....do.....	*391,696	*402,026	*392,540	*396,837	*397,741	*398,996	*397,795	*400,591	*399,087	*400,160	*403,359	*398,145	*402,026	*403,743	404,562	
Nondefense.....do.....	*226,633	*250,310	*229,366	*233,913	*235,195	*235,790	*235,913	*239,964	*239,093	*241,096	*245,687	*244,472	*250,310	*252,546	254,033	
Defense.....do.....	*165,063	*151,716	*163,174	*162,924	*162,546	*163,206	*161,882	*160,627	*159,994	*159,064	*157,672	*153,673	*151,716	*151,197	150,529	
BUSINESS INCORPORATIONS @																
New incorporations (50 States and Dist. Col.):																
Unadjusted.....number.....	676,565	647,655	54,150	63,755	56,210	57,208	55,720	49,588	53,115	42,002	53,068	45,714	50,281			
Seasonally adjusted.....do.....			56,821	56,271	55,000	53,316	54,097	51,440	52,074	52,334	51,824	51,422	51,943			
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total.....number.....	50,361	60,432														
Commercial service.....do.....	13,679	17,673														
Construction.....do.....	7,120	8,072														
Manufacturing and mining.....do.....	4,284	5,090														
Retail trade.....do.....	11,120	12,825														
Wholesale trade.....do.....	3,637	4,376														
Liabilities (current), total.....mil. \$.....	42,323.8	64,044.1														
Commercial service.....do.....	4,576.3	7,273.0														
Construction.....do.....	2,837.8	2,905.2														
Manufacturing and mining.....do.....	3,675.8	6,829.7														
Retail trade.....do.....	2,721.5	7,715.9														
Wholesale trade.....do.....	1,187.5	2,815.0														
Failure annual rate.....No. per 10,000 concerns.....	65.0	75.0														

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS †																
Prices received, all farm products.....1910-14=100.....	673	684	691	686	689	703	691	694	688	673	668	665	654	663	*661	676
Crops #.....do.....	580	554	574	*557	566	580	557	564	545	533	522	537	525	533	529	546
Commercial vegetables.....do.....	775	769	1,081	*700	591	620	590	661	686	701	779	809	725	726	*707	707
Cotton.....do.....	502	543	515	*540	549	552	526	531	545	549	570	576	556	542	*573	616
Feed grains and hay.....do.....	405	389	379	*386	406	428	419	415	399	380	361	357	362	368	*374	383
Food grains.....do.....	428	398	400	392	391	382	349	319	296	282	277	275	275	279	*282	291
Fruit.....do.....	704	708	644	*685	727	754	707	759	692	750	688	773	717	771	*728	802
Tobacco.....do.....	1,318	1,435	1,435	*1,430	1,432	1,432	1,432	1,400	1,387	1,480	1,468	1,477	1,479	1,494	*1,493	1,486
Livestock and products #.....do.....	769	821	814	822	818	831	831	831	838	831	821	800	789	799	*800	813
Dairy products.....do.....	826	841	881	838	820	826	844	863	875	868	807	783	728	716	*716	704
Meat animals.....do.....	983	1,088	1,059	1,072	1,088	1,120	1,113	1,107	1,112	1,090	1,105	1,074	1,074	1,089	*1,108	1,120
Poultry and eggs.....do.....	314	2,988	298	330	302			286	293	307	294	290	293	306	279	310
Prices paid:																
Production items.....do.....	956	987			980			983			1,009			1,003		
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100.....	1,220	1,265			1,260			1,265			1,289			1,289		
Parity ratio \$.....do.....	55	55			55			55			52			51		
CONSUMER PRICES (U.S. Department of Labor Indexes)																
Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS (CPI-W).....1982-84=100.....	122.6	129.0	126.4	127.1	127.3	127.5	128.3	128.7	129.9	131.1	131.9	132.2	132.2	132.8	132.8	133.0
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U).....do.....	124.0	130.7	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	134.6	134.8	135.0
Special group indexes:																
All items less shelter.....do.....	121.6	128.2	125.7	126.2	126.5	126.7	127.3	127.5	128.6	130.1	131.2	131.5	131.5	132.1	132.2	132.2
All items less food.....do.....	123.7	130.3	127.3	128.1	128.4	128.7	129.4	130.0	131.3	132.6	133.5	133.7	133.7	134.3	134.6	134.8
All items less medical care.....do.....	122.4	128.8	126.2	126.9	127.1	127.3	128.0	128.5	129.6	130.8	131.5	131.7	131.8	132.4	132.6	132.7

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
COMMODITY PRICES—Continued																	
CONSUMER PRICES—Continued																	
<i>(U.S. Department of Labor Indexes)—Continued</i>																	
Not Seasonally Adjusted																	
All items (CPI-U)—Continued																	
Commodities.....1982-84=100	116.7	122.8	120.6	121.1	121.4	121.4	121.6	121.6	122.3	124.6	126.1	126.3	126.0	126.0	125.7	125.7	
Nondurables.....do	118.2	126.0	122.9	123.8	124.2	124.2	124.6	124.6	126.3	128.7	130.4	130.5	130.0	129.8	129.3	129.2	
Nondurables less food.....do	111.7	119.9	115.0	116.5	117.4	117.5	117.6	117.0	119.9	124.1	126.8	126.6	125.7	124.0	123.2	122.9	
Durables.....do	112.2	113.4	113.7	113.4	113.1	113.2	112.9	113.0	112.9	112.8	113.6	114.1	114.5	115.0	115.5	115.5	
Commodities less food.....do	112.0	117.4	114.6	115.4	115.9	115.9	115.8	115.5	117.2	119.8	121.8	121.8	121.4	120.6	120.3	120.1	
Services.....do	131.9	139.2	136.0	136.9	137.1	137.6	138.8	139.9	140.9	141.4	141.7	142.0	142.3	143.8	144.5	144.8	
Food #.....do	125.1	132.4	131.3	131.5	131.3	131.3	132.0	132.7	132.9	133.2	133.6	134.0	134.2	135.5	135.8	135.8	
Food at home.....do	124.2	132.3	132.1	131.9	131.1	130.9	131.7	132.5	132.7	132.9	133.4	133.8	133.8	135.4	135.7	136.0	
Housing.....do	123.0	128.5	126.1	126.8	126.8	127.1	128.3	129.2	130.2	130.5	130.6	130.4	130.5	131.8	132.4	132.6	
Shelter #.....do	132.8	140.0	136.6	137.8	138.0	138.3	139.5	141.1	142.4	142.3	142.4	142.4	142.7	144.0	144.6	145.2	
Rent, residential.....do	132.8	138.4	136.0	136.5	137.0	137.3	137.9	138.7	139.4	140.0	140.5	140.7	141.1	141.2	141.5	142.0	
Homeowners' cost.....do	137.3	144.6	141.0	142.2	142.5	143.1	144.4	145.4	146.5	147.0	147.2	147.3	147.5	147.9	148.2	148.4	
Fuel and other utilities #.....1982-84=100	107.8	111.6	110.2	109.9	109.4	109.9	112.2	111.3	112.7	114.0	113.4	112.9	112.7	114.8	114.7	114.1	
Fuel oil and other household fuel commodities.....do	81.7	99.3	95.4	91.5	89.6	88.0	84.9	82.7	91.8	104.4	118.5	117.0	114.1	111.2	105.7	99.3	
Gas (piped) and electricity.....do	107.5	109.3	108.3	107.9	106.8	107.8	112.4	111.7	111.6	112.4	109.0	108.0	108.6	111.5	111.5	110.8	
Household furnishings and operation.....do	111.2	113.3	112.8	112.8	112.8	113.2	113.1	113.6	113.3	113.8	114.2	113.8	113.7	114.1	115.6	115.7	
Apparel and upkeep.....do	118.6	124.1	120.4	125.4	126.7	125.5	123.3	120.8	122.2	126.8	128.4	127.5	125.3	123.8	126.2	128.8	
Transportation.....do	114.1	120.5	117.1	116.8	117.3	117.7	118.2	118.4	120.6	123.0	125.8	126.9	127.2	125.5	123.7	123.3	
Private.....do	112.9	118.8	115.6	115.1	115.5	115.9	116.4	116.6	119.0	121.4	124.2	125.1	125.1	123.2	121.2	119.9	
New cars.....do	119.2	121.0	121.9	121.3	120.7	120.7	120.3	119.8	119.5	119.0	120.5	122.1	123.5	124.6	125.3	125.4	
Used cars.....do	120.4	117.6	117.4	116.6	116.2	116.9	117.6	118.2	118.3	118.1	117.2	117.1	116.1	115.1	114.3	114.4	
Public.....do	129.5	142.6	136.7	139.1	140.3	140.9	141.5	141.6	141.9	144.0	146.6	150.3	154.4	155.4	156.2	153.8	
Medical care.....do	149.3	162.8	157.5	158.7	159.8	160.8	161.9	163.5	165.0	165.8	167.1	168.4	169.2	171.0	172.5	173.7	
Seasonally Adjusted †																	
All items, percent change from previous month.....do			.5	.4	.2	.2	.6	.4	.8	.8	.6	.3	.3	.4	.2	-.1	
Commodities.....1982-84=100			120.9	121.0	121.0	121.1	121.6	122.0	123.2	124.6	125.8	126.1	126.2	126.3	126.1	125.6	
Commodities less food.....do			115.4	115.5	115.5	115.6	116.0	116.3	117.9	119.8	121.3	121.4	121.5	121.3	121.1	120.2	
Food.....do			131.1	131.3	131.2	131.2	132.1	132.8	133.2	133.6	134.1	134.7	134.9	135.7	135.4	135.7	
Food at home.....do			131.4	131.4	130.8	130.5	131.7	132.4	132.9	133.3	133.9	134.6	134.8	135.9	135.2	135.5	
Apparel and upkeep.....do			122.9	124.0	123.9	123.9	124.1	124.4	124.8	125.5	125.1	125.3	125.7	126.9	128.9	127.4	
Transportation.....do			117.4	117.3	117.6	117.6	118.1	118.4	120.7	123.4	125.8	126.5	126.9	125.4	124.0	122.8	
Private.....do			116.0	115.8	116.0	115.9	116.4	116.7	119.2	122.0	124.3	124.8	124.9	123.2	121.6	120.6	
New cars.....do			120.9	120.6	120.6	120.6	120.6	120.5	120.9	121.1	121.2	121.5	122.0	123.6	124.2	124.8	
Services.....do			136.2	137.0	137.6	137.9	138.8	139.6	140.4	141.1	141.6	142.1	142.7	143.9	144.6	144.9	
PRODUCER PRICES \$																	
<i>(U.S. Department of Labor Indexes)</i>																	
Not Seasonally Adjusted																	
All commodities.....1982=100	112.2	116.3	114.4	114.2	114.1	114.6	114.3	114.5	116.5	118.4	120.8	120.1	118.6	118.9	117.2	116.1	
By stage of processing:																	
Crude materials for further processing.....do	108.1	108.9	106.8	105.6	103.0	104.7	101.2	101.4	110.2	115.3	124.8	*116.7	110.5	113.8	104.4	101.6	
Intermediate materials, supplies, and components.....do	112.0	114.5	112.5	112.4	112.8	113.1	113.1	113.4	114.4	116.3	117.9	*117.9	116.7	116.4	115.5	114.3	
Finished goods #.....do	113.6	119.2	117.4	117.2	117.2	117.7	117.8	118.2	119.3	120.4	122.3	122.9	121.9	121.9	121.2	120.6	
Finished consumer goods.....do	112.1	118.2	116.4	115.9	115.8	116.5	116.6	117.0	118.3	119.8	121.9	122.6	121.2	121.1	120.1	119.4	
Capital equipment.....do	118.8	122.9	121.6	121.9	122.2	122.2	122.5	122.8	123.1	122.9	124.5	124.7	124.9	125.4	125.7	125.8	
By durability of product:																	
Durable goods.....do	119.0	121.2	120.0	120.4	120.9	120.9	121.0	121.2	121.6	121.7	122.5	122.3	122.2	122.6	122.7	122.8	
Nondurable goods.....do	107.1	112.2	109.9	109.3	108.9	109.7	109.2	109.3	112.3	115.2	118.8	117.8	115.4	115.7	112.8	111.1	
Total manufactures.....do	114.3	118.1	116.0	116.1	116.6	117.1	117.0	118.3	119.7	121.3	121.4	121.4	120.5	120.1	119.5	118.6	
Durable manufactures.....do	118.3	120.7	119.6	120.0	120.3	120.4	120.4	120.7	120.9	121.1	121.9	121.9	121.8	122.2	122.3	122.5	
Nondurable manufactures.....do	110.2	115.2	112.1	112.2	112.8	113.5	113.3	113.2	115.4	117.8	120.1	120.3	118.7	117.7	116.4	114.7	
Farm products, processed foods and feeds.....do	115.4	118.6	118.4	118.9	118.5	120.1	119.6	120.0	119.1	117.9	117.9	*117.3	117.0	117.0	117.1	118.3	
Farm products.....do	110.9	112.2	115.7	115.3	113.8	113.7	113.6	113.8	111.4	109.2	109.5	*108.5	107.6	106.9	106.7	109.6	
Foods and feeds, processed.....do	117.8	121.9	120.0	120.9	121.2	123.5	122.8	123.2	123.0	122.4	122.2	*121.7	121.7	122.1	122.3	122.8	
Industrial commodities.....do	111.6	115.8	113.6	113.2	113.2	113.5	113.2	113.4	115.9	118.4	121.4	*120.7	118.9	119.3	117.2	115.6	
Chemicals and allied products.....do	123.0	123.6	121.7	121.8	121.9	122.3	122.2	122.4	122.5	124.5	126.5	*128.2	127.8	128.8	128.3	126.0	
Fuels and related prod., and power.....do	72.9	82.2	77.0	74.6	73.4	74.1	72.8	72.7	82.4	91.3	101.0	97.4	90.2	90.2	82.9	78.4	
Furniture and household durables.....do	116.9	119.1	118.7	118.7	119.0	119.0	119.2	119.1	119.2	119.3	119.5	*119.8	119.7	120.2	120.8	120.9	
Hides, skins, and leather products.....do	136.3	141.7	141.7	141.6	142.9	143.7	143.0	142.2	141.4	140.9	*140.5	140.6	140.3	140.2	140.6	140.6	
Lumber and wood products.....do	126.7	129.7	129.7	130.5	132.4	132.0	130.7	131.3	130.2	129.3	127.5	*126.9	126.7	127.4	127.1	127.9	
Machinery and equipment.....do	117.4	120.7	119.7	120.0	120.2	120.4	120.5	120.8	120.9	121.2	121.4	*121.7	121.8	122.3	122.7	122.9	
Metals and metal products.....do	124.1	123.0	120.9	122.0	122.9	123.1	122.6	122.9	124.2	124.6	124.5	*123.3	122.3	122.4	122.0	121.7	
Nonmetallic mineral products.....do	112.6	114.7	113.9	114.2	114.3	114.5	114.6	114.6	114.7	115.0	115.3	*115.8	115.9	117.0	117.1	117.3	
Pulp, paper, and allied products.....do	137.8	141.3	140.5	140.7	140.9	141.1	141.0	141.1	141.1	141.3	142.0	*142.3	142.4	143.5	143.7	143.7	
Rubber and plastics products.....do	112.6	113.6	112.9	113.3	113.3	113.5	113.2	113.1	113.2	113.4	114.2	*115.0	115.2	115.9	116.0	115.9	
Textile products and apparel.....do	112.3	114.9	114.6	114.7	114.9	114.8	115.0	115.1	115.1	115.1	115.1	*115.3	115.1	115.4	115.8	115.9	
Transportation equip. #.....do	117.7	121.5	120.2	120.3	120.5	120.4	121.0	121.2	121.1	121.0	124.0	124.2	124.4	124.7	125.1	125.2	
Motor vehicles and equip.....do	116.2	118.2	117.3	117.0	116.9	116.											

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	UNLESS OTHERWISE STATED IN FOOTNOTES BELOW, DATA THROUGH 1989 AND METHODOLOGICAL NOTES ARE AS SHOWN IN BUSINESS STATISTICS, 1961-88																
CONSTRUCTION AND REAL ESTATE																	
CONSTRUCTION PUT IN PLACE †																	
New construction (unadjusted), total.....mil. \$.	432,067	*433,999	29,497	32,954	35,096	38,283	39,934	40,465	42,120	39,606	*38,995	*35,915	*31,180	*26,689	25,809		
Private, total #.....do	893,515	*824,435	22,828	25,751	26,939	28,787	29,632	30,248	30,467	28,984	*28,308	*26,283	*23,201	*19,983	19,172		
Residential.....do	196,551	*186,851	12,674	14,803	15,907	17,061	17,661	17,921	17,956	16,789	*16,125	*14,722	*12,210	*10,473	9,713		
New housing units.....do	139,202	*129,855	9,197	10,737	11,105	11,683	11,895	12,231	12,128	11,509	11,118	10,233	*8,461	*7,358	6,685		
Nonresidential buildings, except farm and public utilities, total #.....mil. \$.	103,358	102,427	7,712	8,184	8,272	8,687	8,927	9,329	9,386	9,158	8,871	8,370	7,911	*7,105	7,011		
Industrial.....do	18,507	20,564	1,542	1,622	1,646	1,749	1,760	1,956	1,796	1,809	1,797	1,694	1,777	*1,496	1,522		
Commercial.....do	59,388	54,628	4,242	4,430	4,415	4,634	4,796	4,915	5,084	4,899	4,643	4,340	4,005	*3,586	3,488		
Public utilities:																	
Telecommunications.....do	9,132	9,261	614	768	720	848	782	775	877	808	904	880	688	595			
Public, total #.....do	98,551	*109,564	6,668	7,203	8,157	9,496	10,302	10,217	11,653	10,672	*10,686	*9,633	*7,980	*6,707	6,636		
Buildings (excl. military) #.....do	39,202	*45,255	3,131	3,296	3,531	3,735	4,076	3,986	4,583	4,226	*3,945	*3,920	*3,693	*3,479	3,580		
Housing and redevelopment.....do	3,841	*3,926	279	322	316	315	355	311	332	328	*367	*373	*304	312			
Industrial.....do	1,300	*1,470	79	151	132	100	136	124	150	178	*92	*95	*112	124			
Military facilities.....do	3,520	*3,733	324	425	421	455	489	276	241	212	*165	*249	*158	*183	114		
Highways and streets.....do	29,502	31,988	1,400	1,492	1,971	2,823	3,147	3,192	3,927	3,576	3,885	3,050	*2,059	*1,236	1,264		
New construction (seasonally adjusted at annual rates), total.....bil. \$.			455.6	457.3	444.7	443.8	441.1	437.0	436.3	423.9	*420.2	*415.7	*406.6	*395.4	395.1		
Private, total #.....do			343.1	347.4	338.8	334.0	329.6	331.3	323.5	317.5	*309.4	*301.9	*295.5	291.9	285.4		
Residential.....do			203.0	206.9	200.2	196.1	189.5	187.1	184.4	179.7	*174.6	*169.3	*164.8	*161.0	155.1		
New housing units.....do			144.6	145.3	140.0	136.6	130.5	129.2	127.0	123.3	*121.5	*117.3	*114.5	*107.3	104.2		
Nonresidential buildings, except farm and public utilities, total #.....bil. \$.			105.1	104.9	103.8	102.9	105.1	109.2	103.9	102.3	*99.1	96.4	96.3	*95.9	95.4		
Industrial.....do			21.1	21.1	21.0	20.8	20.4	23.6	20.2	19.9	19.6	19.5	*20.7	*20.8	20.7		
Commercial.....do			58.7	57.2	55.8	54.7	56.6	57.0	55.3	53.6	*51.9	*49.8	*49.5	*48.8	48.3		
Public utilities:																	
Telecommunications.....do			8.9	9.4	9.4	9.5	9.3	9.2	9.4	9.7	9.6	*9.8	7.9	9.1			
Public, total #.....do			112.5	109.9	106.0	109.8	111.5	105.7	112.8	106.4	*110.8	*113.9	*111.2	*103.5	109.7		
Buildings (excl. military) #.....do			43.7	44.0	43.5	44.4	46.3	43.6	47.7	46.2	*46.2	*47.8	*47.7	*46.9	49.1		
Housing and redevelopment.....do			3.3	3.9	3.8	3.8	4.3	3.7	4.0	3.9	4.4	4.5	*4.1	*3.7	3.7		
Industrial.....do			.9	1.8	1.6	1.2	1.6	1.5	1.8	2.1	1.1	1.1	*1.3	1.5	1.4		
Military facilities.....do			3.9	5.1	5.1	5.5	5.9	3.8	2.9	2.5	*2.0	*3.0	*1.9	*2.2	1.4		
Highways and streets.....do			37.0	32.4	29.7	30.7	30.3	28.8	31.9	31.3	*33.2	*35.3	*34.6	27.3	33.1		
CONSTRUCTION CONTRACTS																	
Construction contracts (F.W. Dodge Division, McGraw-Hill):																	
Valuation, total.....mil. \$.	261,163	293,042	16,259	*22,220	20,160	23,576	23,027	20,893	21,539	19,248	20,066	17,200	13,405	14,034	13,376	16,276	
Index (mo. data seas. adj.).....1982=100	1170	*1154	*1158	*1167	*1152	1165	*1165	*1156	1150	147	*152	148	134	*135	133	128	
Public ownership.....mil. \$.	71,305	69,573	4,028	*6,352	5,629	7,320	7,856	6,431	6,675	5,783	6,309	5,000	4,326	5,116	4,925	5,803	
Private ownership.....do	189,859	163,471	12,231	*15,869	14,531	16,256	15,671	14,462	14,865	13,465	13,758	12,200	9,079	8,918	8,450	10,473	
By type of building:																	
Nonresidential.....do	93,058	81,692	5,407	*7,723	6,381	7,502	7,903	7,323	7,174	7,173	7,805	6,100	5,393	5,923	5,091	5,747	
Residential.....do	120,436	105,352	7,589	*10,211	9,722	10,946	10,433	9,745	9,941	8,463	8,678	7,008	5,308	5,091	5,185	6,785	
Non-building construction.....do	47,670	46,001	3,262	*4,286	4,058	5,128	4,692	3,825	4,424	3,612	3,584	4,091	2,704	3,021	3,100	3,744	
New construction planning (Engineering News-Record) \$.....do	275,118	213,389	22,463	22,343	18,230	17,134	15,279	15,564	19,935	18,901	16,895	13,169	15,344	14,365			
HOUSING STARTS AND PERMITS																	
New housing units started:																	
Unadjusted:																	
Total (private and public).....thous.	(*)																
Privately owned.....do	1,876.1	1,192.7	86.9	108.5	119.0	121.1	117.8	111.2	102.8	93.1	94.2	81.4	57.4	52.5	59.5	74.1	
One-family structures.....do	1,003.3	894.8	65.9	83.2	90.0	92.4	88.9	85.5	75.6	71.9	75.6	54.9	43.1	39.2	45.7	61.2	
Seasonally adjusted at annual rates: ◊																	
Total privately owned.....do			1,488	1,307	1,216	1,206	1,189	1,153	1,131	1,106	1,026	1,130	971	*847	*993	901	
One-family structures.....do			1,127	988	901	897	890	876	835	858	839	769	751	*643	*778	732	
New private housing units authorized by building permits (17,000 permit-issuing places): †																	
Monthly data are seas. adj. at annual rates:																	
Total.....thous.	1,338	1,111	1,297	1,232	1,108	1,065	1,108	1,082	1,050	992	920	906	844	797	*863	884	
One-family structures.....do	932	798	974	912	818	802	796	780	762	737	708	671	645	609	*693	682	
Manufacturers' shipments of mobile homes:																	
Unadjusted.....thous.																	
Seasonally adjusted at annual rates @.....do	198.1	188.1	13.7	16.2	16.2	18.1	17.4	15.1	19.5	15.9	18.1	14.2	10.3	11.7	10.9		
rates @.....do			200	193	189	191	191	184	195	181	188	181	167	168	157		
CONSTRUCTION COST INDEXES																	
Bureau of the Census:																	
Composite fixed-weighted price index *.....1987=100																	
Implicit price deflator *.....do	107.2	109.7	108.6	108.8	108.8	109.2	109.6	*110.1	*110.5	*110.5	*110.6	*110.6	*110.6	*110.5	110.4		
Boeckh indexes:																	
Average, 20 cities:																	
Apartments, hotels, office buildings.....1982=100																	
Commercial and factory buildings.....do	124.6			126.6		127.0		128.0		128.7		128.9					
Residences.....do	123.4			126.3		126.9		127.9		128.6		128.7					
Engineering News-Record:																	
Building.....1967=100	390.7	*399.9	*395.0	*395.6	*396.0	*398.3	*401.9	*402.0	*402.0	*404.1	403.8	*404.1	*402.6	*402.7	*402.1	*402.0	
Construction.....do	428.8	*440.5	*436.1	*436.7	*436.9	*438.2	*440.5	*440.7	442.4	*444.4	*444.2	*445.7	*444.7	*444.3	*444.4	*444.3	
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.) ‡.....1987=100	107.7	108.5		111.2			106.0			109.2			108.5				

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88																

CONSTRUCTION AND REAL ESTATE—Continued

REAL ESTATE ◊																
Mortgage applications for new home construction:																
FHA applications.....thous. units.....	117.3	115.4	9.4	11.6	10.3	12.8	10.4	9.0	10.2	9.3	9.5	8.1	5.8	8.0	6.7	8.2
Seasonally adjusted annual rates.....do.....			117	112	110	133	119	112	118	129	127	119	85	106	87	86
Requests for VA appraisals.....do.....	109.6		6.9	8.5	8.0	8.9	9.5	7.7	8.9	8.3	9.2	7.1	3.5	6.1	6.9	
Seasonally adjusted annual rates.....do.....			87	85	87	85	106	91	98	122	128	98	57	82	87	
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount.....mil. \$.....	45,893.24	51,863.74	4,075.71	4,442.46	4,267.19	4,381.55	4,288.59	4,509.24	4,764.17	4,319.28	4,476.07	4,224.89	3,686.16	4,459.53	3,651.85	3,630.56
Vet. Adm.: Face amount \$.....do.....	14,041.80	15,787.10	1,386.13	1,537.57	1,157.15	1,236.42	1,308.89	1,253.50	1,572.64	1,180.04	1,612.16	1,206.52	931.01	1,501.67	1,259.86	1,183.14
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$.....	141,794	117,096	136,626	132,853	131,210	130,752	126,296	122,544	121,988	117,887	116,514	116,675	117,096	112,647	111,513	107,004
New mortgage loans of SAIF-insured institutions, estimated total @.....mil. \$.....	186,567	152,384	11,160	14,311	13,704	14,624	14,491	12,940	14,217	11,766	12,291	10,224	10,522	8,209	8,113	
By purpose of loan:																
Home construction.....do.....	24,952	16,202	1,924	1,744	1,628	1,694	1,546	1,385	1,387	1,163	1,189	988	899	698	709	
Home purchase.....do.....	142,432	127,297	9,037	11,765	11,282	12,142	12,128	11,076	12,049	9,998	10,537	8,793	8,630	7,037	6,985	
All other purposes.....do.....	19,183	8,769	801	803	799	785	815	495	785	609	558	527	994	472	417	

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.....																
Household 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. \$.....	32,368	32,280	7,286			8,301			7,923		8,771					
Classified.....do.....	11,916	11,506	2,492			2,341			2,947		3,226					
National.....do.....	7,948	4,122	964			1,086			959		1,114					
Retail.....do.....	16,504	16,652	3,830			4,874			4,017		4,431					
WHOLESALE TRADE †																
Merchant wholesalers sales (unadj.), total.....mil. \$.....																
Durable goods establishments.....do.....	1,728,052	1,790,321	135,619	155,346	146,529	156,128	150,991	144,617	158,740	145,254	162,605	149,343	142,295	140,101	132,900	
Nondurable goods establishments.....do.....	842,065	876,182	66,558	77,607	73,133	77,756	76,138	71,438	77,529	71,411	78,872	70,015	67,374	64,989	63,292	
Nondurable goods establishments.....do.....	885,994	914,139	69,061	77,739	73,396	78,372	74,853	73,179	81,211	73,843	83,733	79,328	74,921	75,112	69,608	
Merchant wholesalers inventories, book value (non-LIFO basis), end of period (unadj.), total.....mil. \$.....																
Durable goods establishments.....do.....	188,586	195,861	189,999	190,421	191,929	191,532	189,884	190,739	188,864	191,489	195,482	196,474	195,861	200,792	201,122	
Nondurable goods establishments.....do.....	121,484	126,560	124,873	124,960	126,752	127,551	125,848	127,291	126,723	127,597	127,298	127,118	126,560	130,628	132,237	
Nondurable goods establishments.....do.....	67,102	69,301	65,126	65,471	65,177	63,981	64,036	63,448	62,141	63,892	68,184	69,356	69,301	70,164	68,885	
RETAIL TRADE ‡																
All retail stores:																
Estimated sales (unadj.), total.....mil. \$.....																
Durable goods stores #.....do.....	1,741,748	1,807,219	128,033	149,192	145,803	155,022	154,371	149,719	158,243	146,335	151,469	156,086	179,653	130,903	128,433	147,448
Building materials, hardware, garden supply, and mobile home dealers.....mil. \$.....	92,700	92,524	5,907	7,427	7,997	9,171	9,052	8,558	8,543	7,707	8,082	7,443	6,558	5,626	5,705	6,795
Automotive dealers.....do.....	383,596	381,961	28,338	34,000	32,919	35,187	34,931	33,568	34,432	31,005	31,608	28,953	26,507	25,656	26,945	31,152
Furniture, home furnishings, and equipment.....do.....	91,493	92,988	6,862	7,727	7,317	7,798	7,731	7,494	7,750	7,377	7,710	8,118	9,784	6,705	6,533	7,258
Nondurable goods stores.....do.....	1,089,564	1,152,462	80,633	93,433	91,138	95,985	95,889	98,629	100,363	93,774	97,377	103,315	123,148	86,949	83,164	95,729
General merch. group stores.....do.....	204,387	211,933	12,809	16,350	16,114	17,153	16,913	15,466	17,702	15,970	17,027	21,783	32,454	12,335	12,919	16,389
Food stores.....do.....	345,069	362,410	26,903	30,499	29,064	30,950	31,211	30,855	31,622	30,010	29,970	30,472	32,809	29,451	27,289	31,007
Gasoline service stations.....do.....	117,791	131,725	9,003	10,014	10,046	10,688	10,896	10,988	12,112	11,781	12,562	12,271	11,709	10,667	9,490	10,268
Apparel and accessory stores.....do.....	91,426	94,731	5,684	7,587	7,660	7,789	7,675	7,150	8,542	7,599	7,728	8,807	12,696	5,641	5,790	7,701
Eating and drinking places.....do.....	173,894	182,044	13,252	15,221	15,034	15,736	16,156	16,253	16,654	15,176	15,289	14,722	15,075	13,927	13,901	15,555
Drug and proprietary stores.....do.....	62,495	68,557	5,043	5,429	5,489	5,653	5,549	5,481	5,770	5,454	5,841	5,943	7,500	5,771	5,633	6,191
Liquor stores.....do.....	20,033	20,813	1,421	1,606	1,575	1,693	1,778	1,794	1,820	1,666	1,694	1,785	2,501	1,629	1,593	
Estimated sales (seas. adj.), total.....do.....			150,388	149,942	148,823	148,759	150,143	150,745	151,135	152,512	152,191	152,711	149,750	147,803	150,822	149,602
Durable goods stores #.....do.....			55,563	55,175	54,457	54,342	54,219	54,754	53,851	54,550	54,420	54,152	52,402	50,897	53,024	52,546
Bldg. materials, hardware, garden supply, and mobile home dealers #.....mil. \$.....			7,945	7,867	7,624	7,658	7,373	7,827	7,763	7,640	7,549	7,693	7,341	7,270	7,650	7,314
Building materials and supply stores.....do.....			5,815	5,721	5,571	5,558	5,596	5,571	5,554	5,460	5,403	5,448	5,364	5,141	5,404	
Hardware stores.....do.....			1,105	1,125	1,103	1,105	1,141	1,123	1,098	1,113	1,111	1,103	1,081	1,085	1,146	
Automotive dealers.....do.....			32,046	32,005	31,596	31,511	31,524	31,980	31,122	31,931	31,858	31,839	30,531	29,186	30,470	30,202
Motor vehicle and miscellaneous auto dealers.....do.....			29,395	29,343	28,978	28,906	28,922	29,401	28,568	29,410	29,322	29,287	27,981	26,656	27,919	27,751
Auto and home supply stores.....do.....			2,651	2,662	2,618	2,605	2,602	2,579	2,554	2,521	2,536	2,552	2,550	2,530	2,551	
Furniture, home furnishings, and equipment #.....do.....			7,326	7,956	7,936	7,970	7,708	7,782	7,650	7,723	7,686	7,537	7,380	7,303	7,527	7,568
Furniture, home furnishings stores.....do.....			4,411	4,414	4,365	4,367	4,292	4,308	4,244	4,276	4,247	4,173	4,056	4,012	4,140	
Household appliance, radio, and TV stores.....do.....			2,797	2,818	2,855	2,920	2,735	2,788	2,722	2,762	2,748	2,660	2,609	2,616	2,691	

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

DOMESTIC TRADE—Continued

RETAIL TRADE †—Continued																
All retail stores—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores.....mil. \$.....			'94,825	'94,767	94,366	94,417	95,924	95,991	97,284	97,962	97,771	98,559	97,348	'96,906	'97,798	'97,056
General merch. group stores.....do.....			'17,934	'17,807	17,379	17,212	17,791	17,860	17,932	17,681	17,589	17,687	17,446	'17,484	'18,085	'17,680
Department stores excluding leased departments.....do.....			'14,348	'14,377	13,998	13,810	14,398	14,339	14,443	14,174	14,160	14,266	14,140	'14,255	'14,829	'14,435
Variety stores.....do.....			'620	'605	607	612	611	615	618	615	606	637	561	'582	'592	
Food stores.....do.....			'29,910	'29,852	30,133	29,926	30,201	30,260	30,316	30,761	30,487	30,701	30,639	'30,650	'30,338	'30,701
Grocery stores.....do.....			'27,941	'27,909	28,127	27,959	28,226	28,260	28,311	28,757	28,511	28,727	28,670	'28,680	'28,385	'28,707
Gasoline service stations.....do.....			'10,301	'10,302	10,137	10,194	10,407	10,279	11,309	11,888	12,196	12,547	11,887	'11,409	'10,871	'10,707
Apparel and accessory stores #.....do.....			'7,856	'7,995	7,754	7,986	8,114	8,079	8,088	7,883	7,828	7,799	7,696	'7,475	'8,027	'7,632
Men's and boys' clothing and furnishings stores.....do.....			'802	835	778	812	804	797	796	792	781	776	766	'749	789	
Women's clothing, specialty stores, and furriers.....do.....			'2,747	'2,835	2,811	2,836	2,936	2,859	2,790	2,717	2,697	2,666	2,599	'2,470	2,666	
Shoe stores.....do.....			'1,462	'1,503	1,440	1,457	1,490	1,522	1,572	1,494	1,488	1,507	1,499	'1,430	1,532	
Eating and drinking places.....do.....			'15,093	'15,191	15,110	15,175	15,270	15,319	15,223	15,252	15,168	15,240	15,166	'15,304	'15,833	'15,555
Drug and proprietary stores.....do.....			'5,470	'5,445	5,612	5,603	5,680	5,733	5,805	5,865	5,942	5,961	5,869	'5,525	'6,103	'6,172
Liquor stores.....do.....			'1,898	1,719	1,708	1,685	1,725	1,732	1,762	1,759	1,765	1,773	1,785	'1,826	1,903	
Estimated inventories, end of period:																
Book value (non-LIFO basis), (unadjusted), total.....mil. \$.....	233,000	237,352	230,617	235,833	236,547	237,126	235,454	235,902	238,174	243,058	256,414	260,078	237,352	'236,304	236,980	
Durable goods stores #.....do.....	121,245	121,195	117,569	119,650	119,044	120,328	120,150	118,154	117,887	119,194	124,645	126,967	121,195	'120,298	119,253	
Bldg. materials, hardware, garden supply, and mobile home dealers.....do.....	15,893	15,782	16,510	17,252	17,479	17,619	17,381	16,632	16,416	16,276	15,948	15,836	15,782	'15,893	16,144	
Automotive dealers.....do.....	66,391	65,292	62,510	63,028	61,677	62,350	62,448	61,064	60,347	60,281	63,662	65,545	65,292	'64,692	63,311	
Furniture, home furnishings, and equipment.....do.....	17,003	16,843	16,743	17,022	17,033	17,069	16,921	16,827	17,157	17,766	18,649	18,640	16,843	'16,597	16,484	
Nondurable goods stores #.....do.....	111,755	116,157	113,048	116,183	117,503	116,798	115,304	117,748	120,287	123,864	131,769	133,111	116,157	'116,006	117,727	
General merch. group stores.....do.....	40,091	40,348	41,479	43,044	43,306	42,086	41,168	42,338	43,547	45,983	50,359	51,004	40,348	'40,626	42,134	
Department stores excluding leased departments.....do.....	31,248	31,946	32,626	33,870	34,212	33,114	32,307	33,210	33,989	35,724	39,507	40,431	31,946	'32,291	33,299	
Food stores.....do.....	23,397	25,249	22,961	23,250	23,383	23,833	23,910	23,867	23,950	24,222	25,068	25,559	25,249	'25,193	24,812	
Apparel and accessory stores.....do.....	17,667	18,021	18,342	19,183	19,668	19,542	19,204	20,387	21,151	21,263	22,364	22,084	18,021	'17,645	18,640	
Book value (non-LIFO basis), (seas. adj.), total.....do.....	238,159	242,563	'235,098	235,591	235,914	237,711	237,445	239,657	242,893	243,217	244,901	244,550	242,563	'244,071	241,881	
Durable goods stores #.....do.....	120,663	120,629	'117,444	117,743	117,589	118,485	118,830	120,165	123,271	123,559	124,048	122,947	120,629	'121,217	119,386	
Bldg. materials, hardware, garden supply, and mobile home dealers.....do.....	16,590	16,440	'16,527	16,620	16,791	16,876	16,809	16,566	16,498	16,574	16,441	16,427	16,440	'16,401	16,160	
Automotive dealers.....do.....	64,179	63,071	'60,726	60,472	59,950	60,521	60,797	62,459	65,737	65,555	66,102	65,062	63,071	'63,580	61,691	
Furniture, home furn., and equip.....do.....	17,140	16,996	'17,261	17,299	17,310	17,347	17,249	17,294	17,330	17,469	17,864	17,291	16,996	'17,005	16,994	
Nondurable goods stores #.....do.....	117,496	121,934	'117,654	117,848	118,325	119,226	118,615	119,492	119,622	119,658	120,853	121,603	121,934	'122,854	122,445	
General merch. group stores.....do.....	44,095	44,357	'43,860	43,652	43,248	43,373	43,185	43,338	43,634	43,624	44,032	44,286	44,357	'44,824	44,515	
Department stores excluding leased departments.....do.....	34,226	34,990	'34,452	34,281	33,940	33,998	33,936	34,237	34,263	34,186	34,595	34,854	34,990	'35,563	35,126	
Food stores.....do.....	23,198	25,008	'23,379	23,377	23,594	23,975	23,968	24,099	24,267	24,397	24,733	24,604	25,008	'25,325	25,265	
Apparel and accessory stores.....do.....	19,436	19,847	'19,348	19,535	19,907	19,941	19,983	20,387	20,202	19,891	20,057	19,895	19,847	'19,804	19,662	
Firms with 11 or more stores:																
Estimated sales (unadj.), total.....mil. \$.....	'648,387	'685,851	'46,241	'55,211	'53,676	'56,718	'56,440	'54,265	'58,470	'54,606	'57,074	'63,525	'82,401	49,256		
Durable goods stores.....do.....	'77,143	'81,101	'5,263	'6,308	'6,284	'6,973	'6,846	'6,683	'6,715	'6,315	'6,562	'7,152	'10,544	5,340		
Auto and home supply stores.....do.....	'7,940	'8,597	'716	'700	'759	'786	'770	'789	'714	'767	'727	'702	612			
Nondurable goods stores #.....do.....	'571,244	'604,750	'40,978	'48,903	'47,392	'49,745	'49,594	'47,582	'51,755	'48,291	'50,512	'56,373	'71,857	43,916		
General merchandise group stores.....do.....	'187,508	'194,464	'11,749	'15,027	'14,746	'15,697	'15,508	'14,061	'16,171	'14,555	'15,572	'20,087	'30,149	11,250		
Food stores.....do.....	'192,960	'205,872	'15,159	'17,283	'16,287	'17,185	'17,250	'17,038	'17,285	'16,608	'16,893	'17,364	'18,792	17,037		
Grocery stores.....do.....	'190,359	'199,992	'14,333	'16,986	'15,980	'16,980	'17,039	'16,828	'17,064	'16,407	'16,680	'17,028	'18,316	16,824		
Apparel and accessory stores.....do.....	'50,066	'53,297	'3,027	'4,228	'4,291	'4,335	'3,953	'4,902	'4,288	'4,290	'5,163	'7,570	'3,030			
Eating places.....do.....	'44,384	'45,964	'3,390	'3,910	'3,856	'3,942	'3,983	'4,071	'4,143	'3,828	'3,901	'3,725	'3,761	3,503		
Drug stores and proprietary stores.....do.....	'37,521	'41,947	'3,005	'3,273	'3,367	'3,434	'3,366	'3,287	'3,493	'3,293	'3,539	'3,670	'4,993	3,423		
Estimated sales(seas. adj.), total #.....do.....	'56,929	'56,673	'56,710	'56,710	'56,170	'56,186	'57,254	'57,357	'57,572	'57,908	'58,046	'58,274	'57,825	57,482		
Auto and home supply stores.....do.....	'749	'722	'708	'708	'701	'724	'725	'721	'711	'711	'711	'718	'721	717		
Department stores excluding leased departments.....do.....	'14,123	'13,903	'13,649	'13,859	'13,897	'13,925	'13,973	'13,973	'13,730	'13,710	'13,715	'13,823	'13,702	13,768		
Variety stores.....do.....	'498	'477	'475	'474	'479	'482	'471	'472	'466	'472	'472	'471	'471	448		
Grocery stores.....do.....	'16,423	'16,475	'16,594	'16,498	'16,672	'16,761	'16,551	'17,020	'16,934	'17,045	'16,959	'17,182	'17,182	17,182		
Apparel and accessory stores.....do.....	'4,394	'4,487	'4,241	'4,443	'4,601	'4,526	'4,537	'4,454	'4,411	'4,462	'4,393	'4,323	'4,323	4,323		
Women's clothing, specialty stores, and furriers.....do.....	'1,569	'1,569	'1,515	'1,575	'1,683	'1,563	'1,563	'1,576	'1,576	'1,555	'1,566	'1,566	'1,546	1,529		
Shoe stores.....do.....	'936	'963	'912	'932	'948	'948	'959	'1,003	'953	'926	'956	'956	'905	886		
Drug stores and proprietary stores.....do.....	'3,324	'3,323	'3,422	'3,420	'3,470	'3,489	'3,553	'3,595	'3,683	'3,696	'3,615	3,511				

LABOR FORCE, EMPLOYMENT, AND EARNINGS

LABOR FORCE AND POPULATION																
Not Seasonally Adjusted																
Noninstitutional population, persons 16 years of age and over.....thous.....	188,081	189,686	189,090	189,198	189,326	189,467	189,607	189,763	189,901	190,002	190,095	190,312	190,483	190,592	190,717	190,703
Labor force @.....do.....	125,557	126,424	125,120	125,458	125,473	126,279	127,937	128,527	127,652	126,380	126,590	126,436	126,247	125,200	125,672	125,903
Resident Armed Forces.....do.....	1,688	1,637	1,678	1,669	1,657	1,639	1,630	1,627	1,640	1,601	1,570	1,615	1,617	1,615	1,602	1,460
Civilian noninstitutional population.....do.....	186,393	188,049	187,412	187,529	187,669	187,828	187,977	188,136	188,261	188,401	188,525	188,697	188,866	188,977	189,115	189,243
Civilian labor force, total.....do.....	123,869	124,787	123,442	123,789	123,816	124,640	126,307	126,900	126,012	124,779	125,020	124,821	124,630	123,585	124,070	124,443
Employed.....do.....	117,342	117,914	116,308	117,093	117,359	118,277	119,605	119,954	119,174	117,961	118,239	117,611	117,287	114,990	115,151	115,639
Unemployed.....do.....	6,528															

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
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.....	5.3	5.5	5.3	5.3	5.4	5.3	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8	
Men, 20 years and over.....	4.5	4.9	4.6	4.6	4.7	4.7	4.7	4.9	5.0	5.1	5.2	5.4	5.6	5.6	6.3	6.5	
Women, 20 years and over.....	4.7	4.8	4.7	4.7	4.8	4.6	4.6	4.7	4.9	4.9	4.9	5.1	5.3	5.3	5.4	5.7	
Both sexes, 16-19 years.....	15.0	15.5	14.8	14.6	14.8	15.4	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7	
White.....	4.5	4.7	4.6	4.6	4.7	4.6	4.5	4.7	4.8	4.8	4.9	5.0	5.3	5.5	5.9	6.2	
Black.....	11.4	11.3	10.7	10.7	10.6	10.7	11.4	11.7	11.9	11.7	12.2	12.2	12.1	11.8	12.3	12.3	
Hispanic origin.....	8.0	8.0	7.9	7.7	7.9	7.7	7.3	7.9	7.9	8.5	8.2	8.6	9.3	9.3	9.5	10.3	
Married men, spouse present.....	3.0	3.4	3.1	3.2	3.2	3.3	3.2	3.3	3.5	3.5	3.5	3.7	3.8	4.0	4.3	4.5	
Married women, spouse present.....	3.7	3.8	3.8	3.7	3.6	3.6	3.7	3.6	3.9	3.9	3.9	4.1	4.1	4.1	4.4	4.8	
Women who maintain families.....	8.1	8.2	7.6	8.3	7.8	7.5	8.0	8.3	8.4	8.7	8.5	8.7	8.7	9.0	9.1	9.0	
Industry of last job:																	
Private nonagricultural wage and salary workers.....	5.3	5.7	5.5	5.5	5.6	5.5	5.4	5.5	5.7	5.8	5.9	6.2	6.3	6.4	6.9	7.2	
Construction.....	10.9	11.1	9.2	10.0	10.5	11.3	9.8	10.5	11.2	12.0	13.0	13.2	13.0	14.5	15.5	14.1	
Manufacturing.....	5.1	5.3	5.7	5.5	5.3	5.5	5.2	5.7	5.8	5.8	5.8	6.5	6.5	6.4	7.4	7.6	
Durable goods.....	4.8	5.8	5.5	5.3	5.6	5.5	5.2	5.7	5.9	6.0	5.9	6.9	6.8	6.8	8.1	8.2	
Agricultural wage and salary workers.....	9.6	9.7	9.5	10.1	10.5	8.1	9.8	10.1	9.5	9.3	8.5	9.8	12.3	11.9	11.7	13.8	
Not Seasonally Adjusted																	
Occupation:																	
Managerial and professional specialty.....	2.0	2.1	1.9	1.8	1.8	1.9	2.2	2.4	2.6	2.5	2.2	2.0	2.1	2.7	2.4	2.5	
Technical, sales, and administrative support.....	3.9	4.2	4.3	3.8	3.8	3.7	4.1	4.2	4.4	4.5	4.3	4.5	4.4	5.0	5.2	5.2	
Service occupations.....	6.5	6.6	6.8	6.4	6.3	6.7	6.2	6.5	6.4	6.9	6.5	7.1	6.6	7.2	7.5	7.9	
Precision production, craft, and repair.....	5.2	5.8	6.8	6.0	5.7	5.1	4.8	4.9	5.3	5.8	5.6	6.5	7.1	9.1	9.6	8.8	
Operators, fabricators, and laborers.....	8.0	8.6	9.5	8.9	8.9	8.0	7.3	7.6	7.4	7.3	8.0	9.2	9.9	12.3	13.0	12.3	
Farming, forestry, and fishing.....	6.4	6.2	8.4	7.8	6.7	4.4	4.7	5.6	5.3	5.4	5.1	7.0	8.2	10.3	10.5	11.2	
EMPLOYMENT §																	
Employees on nonfarm payrolls by industry:																	
Total, not adjusted for seas. variation.....thous.	108,413	110,321	108,673	109,343	110,059	111,073	111,774	110,477	110,304	110,910	111,168	111,099	110,826	*108,346	*108,308	*108,610	
Private sector (excl. government).....do	90,644	92,031	90,385	90,807	91,456	92,211	93,150	93,008	93,147	92,879	92,613	92,385	92,212	*90,048	*89,655	*89,869	
Seasonally Adjusted																	
Total employees, nonfarm payrolls.....do	108,413	110,321	109,958	110,122	110,177	110,617	110,829	110,740	110,613	110,612	110,482	110,165	110,004	*109,813	*109,522	*109,316	
Private sector (excl. government).....do	90,644	92,031	91,917	91,968	91,922	92,120	92,282	92,300	92,320	92,306	92,112	91,840	91,701	*91,501	*91,175	*90,960	
Nonmanufacturing industries.....do	71,213	72,969	72,673	72,746	72,732	72,953	73,134	73,169	73,236	73,237	73,161	73,096	73,008	*72,886	*72,709	*72,586	
Goods-producing.....do	25,328	25,001	25,339	25,259	25,130	25,191	25,162	25,105	25,013	24,931	24,777	24,511	24,416	*24,193	*24,063	*23,897	
Mining.....do	700	735	727	729	734	733	744	745	735	736	733	728	740	737	737	*735	
Construction.....do	5,200	5,204	5,868	5,813	5,256	5,286	5,270	5,229	5,194	5,176	5,098	5,033	4,983	*4,841	*4,860	*4,788	
Manufacturing.....do	19,426	19,062	19,244	19,217	19,190	19,167	19,148	19,131	19,084	19,019	18,951	18,744	18,693	*18,615	*18,466	*18,374	
Durable goods.....do	11,422	11,122	11,278	11,261	11,229	11,217	11,201	11,179	11,129	11,068	11,026	10,865	10,831	*10,775	*10,645	*10,581	
Lumber and wood products.....do	758	739	751	751	750	748	743	742	739	737	730	716	712	704	693	*690	
Furniture and fixtures.....do	526	511	518	518	516	516	515	511	513	510	507	496	494	491	482	*479	
Stone, clay and glass products.....do	569	554	568	565	560	559	556	552	551	547	546	541	538	529	526	*526	
Primary metal industries.....do	772	752	756	754	755	755	756	759	755	751	751	744	738	738	722	*722	
Fabricated metal products.....do	1,446	1,410	1,418	1,418	1,419	1,417	1,415	1,419	1,419	1,410	1,405	1,389	1,382	1,378	*1,349	*1,341	
Industrial machinery and equipment.....do	2,132	2,100	2,126	2,119	2,112	2,112	2,108	2,104	2,096	2,082	2,081	2,067	2,058	2,055	2,040	*2,027	
Electronic and other electrical equipment.....do	1,753	1,692	1,720	1,718	1,713	1,711	1,703	1,695	1,685	1,674	1,665	1,652	1,644	1,638	*1,631	*1,619	
Transportation equipment.....do	2,054	1,982	2,023	2,022	2,014	2,010	2,021	2,015	1,997	1,981	1,969	1,979	1,904	*1,886	*1,850	*1,840	
Instruments and related products.....do	1,026	997	1,009	1,008	1,005	1,002	1,000	996	990	991	988	982	976	*975	*973	*973	
Miscellaneous manufacturing.....do	386	385	389	388	385	387	384	384	385	384	385	384	380	380	*377	*378	
Nonmanufacturing.....do	8,004	7,940	7,966	7,956	7,961	7,950	7,947	7,952	7,955	7,951	7,925	7,879	7,862	*7,840	*7,821	*7,793	
Food and kindred products.....do	1,645	1,650	1,650	1,648	1,651	1,650	1,643	1,645	1,650	1,652	1,654	1,647	1,651	*1,655	*1,661	*1,657	
Tobacco manufactures.....do	49	47	47	46	46	46	47	46	48	47	46	46	47	46	46	*45	
Textile mill products.....do	724	700	711	709	708	708	702	702	701	697	688	687	680	675	668	*667	
Apparel and other textile products.....do	1,074	1,028	1,045	1,037	1,036	1,031	1,029	1,027	1,026	1,027	1,021	1,008	1,000	995	995	*994	
Paper and allied products.....do	697	698	699	698	699	698	699	701	702	700	698	696	694	694	693	*691	
Printing and publishing.....do	1,564	1,578	1,576	1,578	1,579	1,581	1,582	1,583	1,582	1,581	1,579	1,572	1,570	1,565	*1,558	*1,551	
Chemicals and allied products.....do	1,074	1,086	1,083	1,088	1,084	1,085	1,086	1,088	1,086	1,088	1,087	1,087	1,088	*1,087	*1,086	*1,084	
Petroleum and coal products.....do	1,577	1,601	1,591	1,591	1,591	1,591	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	*1,600	
Rubber and misc. plastics products.....do	884	867	865	867	869	868	871	874	874	873	869	855	849	*845	*837	*829	
Leather and leather products.....do	136	127	131	131	130	129	128	126	125	125	122	120	119	*118	117	*115	
Service-producing.....do																	
Transportation and public utilities.....do	5,648	5,839	5,804	5,808	5,809	5,833	5,846	5,841	5,846	5,870	5,870	5,866	5,882	*5,883	*5,849	*5,844	
Wholesale trade.....do	6,271	6,361	6,357	6,361	6,363	6,383	6,374	6,376	6,370	6,370	6,355	6,343	6,331	*6,292	*6,272	*6,253	
Retail trade.....do	19,580	19,738	19,758	19,764	19,778	19,795	19,822	19,851	19,846	19,844	19,792	19,739	19,671	*19,682	*19,571	*19,521	
Finance, insurance, and real estate.....do	6,724	6,832	6,817	6,821	6,823	6,838	6,844	6,842	6,852	6,851	6,843	6,838	6,829	*6,829	*6,819	*6,821	
Services.....do	27,096	28,209	27,842	27,960	27,969	28,094	28,225	28,287	28,387	28,440	28,475	28,548	28,573	*28,622	*28,601	*28,624	
Government.....do	17,769	18,291	18,041	18,159	18,255	18,497	18,547	18,440	18,293	18,306	18,320	18,325	18,303	*18,312	*18,347	*18,356	
Federal.....do	2,968	3,085	3,065	3,069	3,151	3,346	3,338	3,164	3,045	2,989	2,988	2,961	2,949	*2,951	*2,947	*2,949	
State.....do	4,175	4,284	4,239	4,249	4,252	4,262	4,296	4,298	4,305	4,309	4,323	4,323	4,325	*4,333	*4,325	*4,326	
Local.....do	10,606	10,922	10,797	10,821	10,852	10,889	10,913	10,978	10,943	10,998	11,014	11,041	11,035	*11,028	*11,075	*11,081	
Production or nonsupervisory workers on private nonfarm payrolls, not seas. adjusted.....thous.																	
Manufacturing.....do	73,474	74,559	73,004	73,432	74,051	74,733	75,590	75,438	75,580	75,318	75,092	74,888	74,707	*72,615	*72,256	*72,455	
Seasonally Adjusted	13,257	12,936	12,977	12,968	12,984	12,992	13,090	12,919	13,034	13,031	12,944	12,749	12,654	*12,446	*12,330	*12,271	
Production or nonsupervisory workers on private nonfarm payrolls.....thous.																	
Goods-producing.....do	17,815	17,508	17,810	17,742	17,687	17,673	17,651	17,613	17,527								

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
EMPLOYMENT §—Continued																	
Seasonally Adjusted																	
Production or nonsupervisory workers—Continued																	
Nondurable goods.....thous.	5,642	5,561	5,596	5,582	5,585	5,573	5,568	5,572	5,573	5,562	5,541	5,500	5,480	5,461	5,443	5,419	
Food and kindred products.....do.	1,177	1,186	1,188	1,183	1,188	1,187	1,179	1,182	1,187	1,189	1,190	1,186	1,192	1,194	1,201	1,196	
Tobacco manufactures.....do.	37	35	35	35	33	34	34	34	35	35	34	34	35	34	34	33	
Textile mill products.....do.	626	601	612	609	609	604	603	602	602	598	589	589	582	579	571	571	
Apparel and other textile products.....do.	906	862	879	870	869	865	863	860	860	859	854	842	836	829	830	828	
Paper and allied products.....do.	522	524	525	524	525	523	525	526	527	526	525	521	520	522	521	520	
Printing and publishing.....do.	868	875	876	876	875	876	877	880	879	875	874	869	865	862	854	850	
Chemicals and allied products.....do.	603	599	603	601	601	601	600	602	597	597	597	595	594	591	591	590	
Petroleum and coal products.....do.	103	105	104	105	104	104	105	105	105	105	105	106	105	103	103	103	
Rubber and misc. plastics products.....do.	688	671	670	670	673	672	676	677	678	676	673	660	654	650	642	634	
Leather and leather products.....do.	113	104	109	109	108	107	106	104	108	102	100	98	97	97	95	94	
Service-producing.....do.	55,660	57,052	56,702	56,803	56,829	56,978	57,176	57,186	57,252	57,318	57,292	57,266	57,202	57,219	57,202	56,956	
Transportation and public utilities.....do.	4,694	4,853	4,826	4,833	4,831	4,848	4,866	4,852	4,843	4,868	4,874	4,870	4,892	4,892	4,862	4,852	
Wholesale trade.....do.	5,048	5,107	5,111	5,111	5,109	5,106	5,130	5,118	5,117	5,109	5,095	5,084	5,074	5,045	5,021	5,014	
Retail trade.....do.	17,353	17,522	17,497	17,506	17,517	17,533	17,563	17,588	17,573	17,570	17,525	17,461	17,405	17,393	17,284	17,228	
Finance, insurance, and real estate.....do.	4,870	4,958	4,958	4,960	4,961	4,970	4,970	4,965	4,973	4,964	4,957	4,947	4,930	4,938	4,931	4,941	
Services.....do.	23,695	24,613	24,310	24,393	24,411	24,521	24,647	24,663	24,746	24,807	24,845	24,900	24,901	24,951	24,922	24,921	
AVERAGE HOURS PER WEEK §																	
Seasonally Adjusted																	
Average weekly hours per worker on private nonfarm payrolls: ◊																	
Not seasonally adjusted.....hours	34.6	34.5	34.2	34.3	34.4	34.4	34.8	34.9	34.8	34.8	34.3	34.3	34.7	34.8	34.9	34.0	
Seasonally adjusted.....do.	34.6	34.5	34.6	34.6	34.5	34.5	34.7	34.5	34.5	34.7	34.2	34.4	34.6	34.1	34.3	34.2	
Mining.....do.	43.0	44.0	43.7	43.5	43.4	43.6	44.4	43.7	43.9	44.7	44.0	44.8	44.7	44.4	44.9	44.5	
Construction ‡.....do.	37.9	38.2	37.3	37.9	37.3	38.2	39.1	38.3	39.0	38.0	38.2	38.3	38.3	37.0	37.0	37.0	
Manufacturing.....do.	41.0	40.8	40.4	40.7	39.8	40.9	41.1	40.5	40.8	41.3	40.9	40.8	41.3	40.2	39.9	40.1	
Not seasonally adjusted.....do.	41.0	40.8	40.4	40.7	39.8	40.9	41.1	40.5	40.8	41.3	40.9	40.8	41.3	40.2	39.9	40.1	
Seasonally adjusted.....do.	41.0	40.8	40.4	40.7	39.8	40.9	41.1	40.5	40.8	41.3	40.9	40.8	41.3	40.2	39.9	40.1	
Overtime hours.....do.	3.8	3.6	3.6	3.7	3.5	3.8	3.8	3.7	3.8	3.7	3.6	3.5	3.6	3.4	3.3	3.2	
Durable goods.....do.	41.6	41.3	41.3	41.4	41.2	41.5	41.6	41.5	41.5	41.7	41.3	40.9	41.2	40.8	40.7	40.4	
Overtime hours.....do.	3.9	3.7	3.6	3.8	3.5	3.9	3.9	3.8	3.9	3.8	3.6	3.5	3.6	3.3	3.2	3.2	
Lumber and wood products.....do.	40.1	40.2	40.1	40.4	40.2	40.4	40.3	40.2	40.4	40.7	39.8	39.5	39.9	39.4	39.3	39.0	
Furniture and fixtures.....do.	39.5	39.1	39.3	39.2	39.0	39.2	39.3	39.6	39.4	39.1	38.6	38.5	38.8	38.5	37.5	37.5	
Stone, clay, and glass products.....do.	42.3	42.0	42.2	42.0	42.0	42.1	42.3	41.7	42.3	42.2	41.2	41.8	42.0	41.0	41.8	41.4	
Primary metal industries.....do.	43.0	42.7	42.5	42.7	41.8	43.0	43.0	43.1	42.9	43.0	42.9	42.6	42.3	42.0	41.6	41.2	
Fabricated metal products.....do.	41.6	41.3	41.4	41.5	41.2	41.7	41.6	41.7	41.6	41.6	41.2	40.8	41.1	40.7	40.7	40.3	
Industrial machinery and equipment.....do.	42.4	42.0	42.1	42.0	41.8	42.1	42.0	42.0	42.1	42.1	42.1	41.8	42.1	41.5	41.5	41.5	
Electronic and other electrical equipment.....do.	40.8	40.8	41.1	41.0	40.9	40.9	41.0	40.7	40.6	41.1	40.7	40.7	40.8	40.3	40.5	40.2	
Transportation equipment.....do.	42.4	42.0	41.6	42.0	41.9	42.5	42.6	42.8	42.6	42.8	42.5	41.1	41.5	41.5	41.0	40.6	
Instruments and related products.....do.	41.1	41.1	41.0	41.1	41.2	41.1	41.2	41.2	41.3	41.3	41.0	41.0	41.2	40.8	41.0	40.9	
Miscellaneous manufacturing.....do.	39.4	39.5	39.5	39.4	39.2	39.4	39.4	39.5	39.9	39.9	39.8	39.6	39.2	39.0	39.3	39.1	
Nondurable goods.....do.	40.2	40.0	40.0	40.0	40.0	40.0	40.1	40.3	40.1	40.2	40.2	40.0	39.9	40.0	39.8	39.8	
Overtime hours.....do.	3.6	3.6	3.5	3.6	3.4	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.4	3.4	3.3	
Food and kindred products.....do.	40.7	40.8	40.6	40.7	40.6	40.8	40.9	40.5	41.0	41.2	40.6	40.8	40.9	40.7	40.6	40.7	
Tobacco manufactures ‡.....do.	38.5	39.2	37.7	38.8	38.1	39.2	39.5	38.6	39.4	40.9	40.8	40.4	39.9	39.5	38.2	39.2	
Textile mill products.....do.	40.9	40.0	40.2	40.0	40.0	40.2	40.4	40.2	40.0	40.0	39.9	39.3	39.4	39.4	39.1	39.3	
Apparel and other textile products.....do.	36.9	36.4	36.6	36.3	36.4	36.6	36.7	36.6	36.6	36.6	36.4	36.3	36.6	36.3	36.5	36.3	
Paper and allied products.....do.	43.3	43.3	43.1	43.2	43.3	43.3	43.5	43.5	43.5	43.2	43.5	43.4	43.5	43.0	42.9	43.0	
Printing and publishing.....do.	37.9	37.9	37.9	38.0	37.8	37.9	38.0	38.0	38.2	38.0	37.9	37.8	37.8	37.7	37.6	37.5	
Chemicals and allied products.....do.	42.4	42.6	42.4	42.5	42.6	42.6	42.6	42.4	42.3	42.7	42.6	42.6	42.8	42.5	42.4	42.4	
Petroleum and coal products ‡.....do.	44.3	44.6	44.0	44.2	44.5	44.2	42.8	44.7	43.8	45.3	43.9	46.0	43.9	43.0	43.8	43.0	
Rubber and misc. plastics products.....do.	41.4	41.1	41.2	41.4	40.9	41.4	41.6	41.5	41.3	41.4	41.1	40.9	41.0	40.8	40.6	40.6	
Leather and leather products.....do.	37.9	37.4	37.7	37.7	37.5	37.4	37.5	37.4	37.7	37.5	37.2	36.8	37.4	36.9	37.1	36.8	
Transportation and public utilities.....do.	38.9	38.9	38.7	39.0	39.0	39.1	39.2	39.0	38.9	39.1	38.4	38.7	38.9	38.7	38.6	38.6	
Wholesale trade.....do.	38.0	38.1	38.0	38.1	38.1	38.0	38.1	38.1	38.1	38.2	37.9	38.0	38.3	37.9	37.9	38.0	
Retail trade.....do.	28.9	28.8	28.9	29.0	29.0	29.0	29.0	28.9	28.7	28.9	28.4	28.7	28.8	28.4	28.6	28.6	
Finance, insurance, and real estate ‡.....do.	12.52	12.72	12.66	12.63	12.81	12.62	12.74	12.88	12.72	12.86	12.63	12.86	12.65	12.86	12.68	12.70	
Services.....do.	46.41	48.30	47.68	47.72	47.90	47.96	48.33	48.43	48.45	48.99	48.30	48.72	49.20	48.89	48.95	48.69	
Government.....do.	35.85	36.62	36.23	36.39	35.37	36.37	37.32	37.32	36.89	36.86	36.69	36.89	36.80	36.88	36.88	36.89	
Indexes of employee-hours (aggregate weekly): ◊																	
Private nonfarm payrolls, total.....1982=100																	
Goods-producing.....do.	122.8	124.3	124.4	124.4	124.2	124.6	125.3	124.8	124.6	125.3	123.1	123.4	124.0	121.8	122.1	121.3	
Mining.....do.	112.1	110.0	112.1	111.5	110.1	111.2	111.7	110.5	110.3	108.0	107.0	107.0	104.1	104.1	104.1	102.3	
Construction.....do.	61.3	66.4	64.9	64.9	65.2	65.9	68.0	66.9	66.1	67.3	66.6	67.9	68.1	67.1	67.9	66.9	
Manufacturing.....do.	139.7	140.2	147.7	144.6	138.6	142.1	144.3	138.4	139.8	139.7	132.1	135.4	135.0	124.1	129.4	123.7	
Durable goods.....do.	109.5	106.3	107.6	107.5	107.0	107.5	107.6	107.4	107.1	106.5	105.6	103.5	103.5	102.3	101.0	100.1	
Nondurable goods.....do.	109.7	105.6	107.2	107.3	106.5	107.3	107.1	107.1	106.5	105.9	104.6	101.8	101.9	100.4	98.5	97.3	
Service-producing.....do.	109.3	107.4	108.0	107.8	107.6	107.9	108.2	107.7	108.0	107.9	106.9	106.0	105.8	104.9	104.4	103.9	
Transportation and public utilities.....do.	127.6	130.7	129.9	130.2	130.5	130.6	131.4	131.2	130.9	132.0	129.9	130.8	131.7	129.8	130.3	129.8	
Wholesale trade.....do.	111.6	115.4	114.2	115.3	115.2	116.0	116.7	115.8	115.2	116.4	114.4	115.4	116.4	115.8	114.8	114.6	
Retail trade.....do.	117.7	119.2	119.1	119.4	119.3	118.9	119.8	119.5	119.5	119.6	118.4	118.4	119.1	117.2	116.7	116.8	
Finance, insurance, and																	

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
HOURLY AND WEEKLY EARNINGS \$																	
Average hourly earnings per worker: ◊																	
Not seasonally adjusted:																	
Private nonfarm payrolls.....dollars..	9.66	10.03	9.91	9.93	9.97	9.97	9.98	10.00	10.00	10.16	10.16	10.17	10.20	10.24	10.24	*10.26	
Mining.....do.....	13.25	13.65	13.46	13.57	13.66	13.56	13.66	13.69	13.63	13.82	13.69	13.78	13.84	*14.16	*14.06	*14.12	
Construction.....do.....	13.52	13.73	13.59	13.63	13.58	13.68	13.63	13.70	13.74	13.92	13.92	13.82	13.87	*13.97	*13.86	*13.85	
Manufacturing.....do.....	10.49	10.84	10.68	10.75	10.75	10.81	10.85	10.88	10.82	10.94	10.95	10.98	11.06	*11.06	*11.03	*11.08	
Excluding overtime.....do.....	10.02	10.38	10.25	10.30	10.37	10.36	10.37	10.41	10.35	10.42	10.46	10.48	10.58	*10.63	*10.62	*10.66	
Durable goods.....do.....	11.01	11.35	11.18	11.25	11.22	11.33	11.37	11.38	11.35	11.49	11.50	11.48	11.59	*11.59	*11.55	*11.60	
Excluding overtime.....do.....	10.52	10.86	10.73	10.78	10.84	10.84	10.86	10.90	10.84	10.95	10.99	10.98	11.08	*11.15	*11.14	*11.18	
Lumber and wood products.....do.....	8.84	9.10	8.95	9.05	9.09	9.11	9.09	9.16	9.14	9.22	9.15	9.12	9.12	*9.12	*9.11	*9.14	
Furniture and fixtures.....do.....	8.26	8.53	8.42	8.43	8.42	8.47	8.52	8.50	8.56	8.64	8.62	8.64	8.70	*8.62	*8.67	*8.70	
Stone, clay, and glass products.....do.....	10.83	11.15	10.93	11.03	11.18	11.15	11.17	11.21	11.17	11.27	11.22	11.26	11.28	*11.27	*11.23	*11.25	
Primary metal industries.....do.....	12.42	12.90	12.66	12.71	12.86	12.82	12.90	13.04	12.94	13.04	13.06	13.12	13.11	*13.15	*13.01	*13.10	
Fabricated metal products.....do.....	10.57	10.83	10.70	10.75	10.65	10.79	10.85	10.86	10.84	10.95	10.95	10.94	11.05	*11.01	*11.01	*11.04	
Industrial machinery and equipment **.....do.....	11.40	11.77	11.60	11.64	11.55	11.70	11.75	11.78	11.80	11.94	11.90	11.96	12.11	*12.05	12.04	*12.12	
Electronic and other electrical equipment **.....do.....	10.05	10.31	10.16	10.17	10.17	10.22	10.27	10.34	10.33	10.42	10.47	10.53	10.57	*10.60	*10.60	*10.60	
Transportation equip. **.....do.....	13.68	14.10	13.88	14.02	13.89	14.14	14.20	14.06	14.07	14.31	14.41	14.21	14.42	*14.41	*14.32	*14.43	
Instruments and related products.....do.....	10.83	11.32	11.13	11.19	11.20	11.23	11.27	11.37	11.35	11.47	11.47	11.49	11.62	*11.65	11.68	*11.73	
Miscellaneous manufacturing.....do.....	8.29	8.62	8.56	8.59	8.56	8.59	8.61	8.60	8.59	8.63	8.62	8.66	8.81	*8.78	*8.70	*8.78	
Nondurable goods.....do.....	9.75	10.14	9.97	10.04	10.10	10.10	10.12	10.20	10.12	10.20	10.21	10.31	10.35	*10.35	*10.33	*10.38	
Excluding overtime.....do.....	9.33	9.71	9.58	9.63	9.73	9.68	9.69	9.76	9.66	9.71	9.75	9.85	9.89	*9.94	*9.94	*9.98	
Food and kindred products.....do.....	9.38	9.63	9.54	9.61	9.61	9.63	9.67	9.68	9.55	9.57	9.57	9.77	9.83	*9.80	*9.78	*9.87	
Tobacco manufactures.....do.....	15.36	16.46	15.73	16.46	17.09	17.17	17.24	17.42	16.34	16.12	16.03	16.71	16.18	*16.37	*16.39	*18.00	
Textile mill products.....do.....	7.67	8.01	7.90	7.94	7.91	7.98	8.02	8.01	8.04	8.09	8.12	8.18	8.16	*8.16	*8.13	*8.15	
Apparel and other textile products.....do.....	6.35	6.59	6.45	6.53	6.56	6.60	6.61	6.59	6.62	6.70	6.67	6.65	6.67	*6.65	*6.62	*6.65	
Paper and allied products.....do.....	11.96	12.30	12.11	12.11	12.25	12.25	12.23	12.36	12.29	12.42	12.43	12.53	12.54	*12.51	*12.50	*12.55	
Printing and publishing.....do.....	10.88	11.25	11.13	11.17	11.12	11.17	11.16	11.25	11.30	11.41	11.36	11.38	11.45	*11.37	*11.37	*11.38	
Chemicals and allied products.....do.....	13.09	13.54	13.27	13.34	13.53	13.46	13.51	13.58	13.57	13.62	13.72	13.79	13.75	*13.85	*13.82	*13.86	
Petroleum and coal products.....do.....	15.41	16.25	15.90	16.11	16.31	16.13	16.23	16.22	16.06	16.40	16.40	16.59	16.51	*16.65	*16.96	*17.06	
Rubber and misc. plastics products.....do.....	9.47	9.79	9.64	9.68	9.66	9.75	9.77	9.85	9.81	9.90	9.90	9.95	9.98	*10.04	*10.01	*10.04	
Leather and leather products.....do.....	6.60	6.91	6.84	6.87	6.94	6.92	6.91	6.79	6.85	6.97	6.98	7.00	7.09	*7.10	*7.12	*7.13	
Transportation and public utilities.....do.....	12.61	12.95	12.87	12.83	12.96	12.82	12.86	12.99	12.96	13.07	13.07	13.07	13.13	*13.17	*13.14	*13.14	
Wholesale trade.....do.....	10.39	10.80	10.66	10.66	10.78	10.73	10.76	10.82	10.77	10.94	10.87	10.94	11.05	*11.05	*11.08	*11.08	
Retail trade.....do.....	6.53	6.78	6.72	6.74	6.75	6.75	6.75	6.74	6.75	6.85	6.85	6.88	6.86	*6.92	*6.91	*6.94	
Finance, insurance, and real estate.....do.....	9.54	9.99	9.87	9.84	9.97	9.90	9.90	10.00	9.96	10.12	10.10	10.14	10.25	*10.26	*10.30	*10.33	
Services.....do.....	9.89	9.86	9.75	9.76	9.82	9.77	9.75	9.79	9.78	9.98	9.99	10.05	10.14	*10.15	10.18	*10.20	
Seasonally adjusted:																	
Private nonfarm payrolls.....dollars..	9.66	10.03	9.88	9.93	9.96	9.98	10.03	10.07	10.09	10.13	10.12	10.14	10.19	*10.19	10.20	*10.25	
Mining.....do.....	13.25	13.65	13.38	13.51	13.59	13.58	13.73	13.78	13.73	13.88	13.79	13.84	13.77	*14.03	*13.92	*14.06	
Construction.....do.....	13.52	13.73	13.63	13.66	13.62	13.73	13.76	13.78	13.82	13.92	13.82	13.79	13.79	*13.93	*13.90	*13.88	
Manufacturing.....do.....	10.49	10.84	10.67	10.73	10.75	10.86	10.89	10.90	10.93	10.97	10.97	11.00	11.04	*11.02	*11.02	*11.06	
Transportation and public utilities.....do.....	12.61	12.95	12.83	12.87	12.96	12.88	12.92	13.02	13.00	13.02	13.03	13.02	13.10	*13.16	*13.10	*13.18	
Wholesale trade.....do.....	10.39	10.80	10.62	10.67	10.74	10.74	10.80	10.84	10.84	10.94	10.89	10.93	11.03	*11.01	*11.05	*11.09	
Retail trade.....do.....	6.53	6.78	6.69	6.73	6.74	6.76	6.78	6.79	6.82	6.83	6.84	6.87	6.85	*6.87	6.88	*6.93	
Finance, insurance, and real estate.....do.....	9.54	9.99	9.77	9.82	9.88	9.87	9.98	10.08	10.06	10.17	10.11	10.12	10.27	*10.18	*10.19	*10.31	
Services.....do.....	9.89	9.86	9.67	9.72	9.79	9.80	9.85	9.92	9.98	9.98	9.96	9.99	10.07	*10.05	10.10	*10.16	
Indexes of avg. hourly earnings, seas. adj.: ◊																	
Private nonfarm economy:																	
Current dollars.....1977=100.....do.....	(2)																
1977 dollars.....do.....	(2)																
Mining.....do.....	(2)																
Construction.....do.....	(2)																
Manufacturing.....do.....	(2)																
Transportation and public utilities.....do.....	(2)																
Wholesale trade.....do.....	(2)																
Retail trade.....do.....	(2)																
Finance, insurance, and real estate.....do.....	(2)																
Services.....do.....	(2)																
Hourly wages, not seasonally adjusted:																	
Construction wages, 20 cities (ENR): §§																	
Common labor.....\$ per hr.....do.....	17.79	18.31	18.10	18.21	18.22	18.16	18.27	18.27	18.40	18.42	18.45	18.57	18.58	18.58	18.61	18.61	
Skilled labor.....do.....	23.21	24.10	23.71	23.71	23.77	23.88	24.05	24.05	24.12	25.25	24.27	24.33	24.34	24.35	24.35	24.35	
Railroad wages (average, class I).....do.....	15.68	16.08	16.55	16.10	16.22	16.06	15.93	16.08	15.98	16.08	15.77	15.97	15.99	*15.65	15.85		
Avg. weekly earnings per worker, private nonfarm: ◊																	
Current dollars, seasonally adjusted.....	334.24	346.04	341.85	343.58	343.62	344.31	348.04	347.42	348.11	351.51	346.10	348.82	352.57	*347.48	349.86	*350.55	
1982 dollars, seasonally adjusted †.....	264.22	259.98	261.55	261.88	261.51	261.44	262.87	261.61	259.78	260.19	254.67	255.92	257.92	*253.27	254.81	*255.32	
Current dollars, not seasonally adjusted:																	
Private nonfarm, total.....dollars..	334.24	346.04	338.92	340.60	342.97	342.97	347.30	349.00	348.00	353.57	348.49	348.83	353.94	346.11	347.14	*348.84	
Mining.....do.....	569.75	600.60	582.82	583.51	588.75	585.79	606.50	596.88	599.72	623.28	610.57	618.72	628.70	*624.26	*621.28		
Construction.....do.....	512.41	524.49	506.91	516.58	506.53	522.58	522.93	524.71	535.86	542.88	528.96	527.92	531.22	*504.32	512.82	*512.45	
Manufacturing.....do.....	430.09	442.27	431.47	437.53	427.85	442.13	445.94	440.64	441.46	451.82	447.36	447.98	456.78	444.61	*440.10	*444.31	
Durable goods.....do.....	458.02	468.76	458.38	465.75	452.17	470.20	474.13	466.58	468.76	480.28	476.10	474.12	485.62	*471.71	*466.62	*469.80	
Nondurable goods.....do.....	391.95	405.60	394.81	399.59	395.92	404.00	407.84	406.98	407.84	414.12	410.44	415.49	419.18	*409.86	*407.00	*410.01	
Transportation and public utilities.....do.....	490.53	503.76	494.21	496.52	504.14	498.70	506.68	511.81	508.03	512.34	504.50	507.12	512.07	*503.09	*503.26	*503.26	
Wholesale trade.....do.....	394.82	411.43															

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88																

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..	51	44	3	5	5	4	5	1	5	4	2	3	2	0	0	1
Workers involved in stoppages:																
Beginning in month or year.....thous..	452	185	18	40	33	6	14	6	34	11	3	11	4	0	2	1
Days idle during month or year.....do....	16,996	5,926	281	720	813	535	527	564	752	565	488	484	436	354	242	255
UNEMPLOYMENT INSURANCE †																
State programs:																
Initial claims.....thous..	17,126	20,184	1,588	1,417	1,362	1,320	1,333	1,763	1,451	1,221	1,755	2,039	2,483	3,066	2,051	1,864
Average weekly insured unem- ployment.....do.....	2,154	2,514	2,930	2,765	2,541	2,273	2,165	2,390	2,241	2,140	2,230	2,452	2,976	3,941	3,995	3,874
Rate of insured unemployment @.....percent..	2.2	2.4	2.8	2.7	2.4	2.1	2.1	2.3	2.1	1.9	2.1	2.3	2.7	4.1	3.5	3.7
Total benefits paid.....mil. \$..	14,260	18,060	1,637	1,716	1,503	1,467	1,265	1,397	1,430	1,178	1,402	1,438	1,738	2,530	2,368	2,458
Weeks of unemployment com- pensated.....thous..	97,937	115,954	10,574	11,161	9,640	9,407	8,125	9,023	9,189	7,527	8,855	9,417	10,903	15,831	14,429	14,942
Average weekly benefit.....dollars..	151.68	161.63	160.44	159.60	162.02	162.02	161.91	159.91	160.46	162.11	164.01	163.21	165.33	166.74	169.54	170.29
Federal civilian employees unemployment insurance (UCFE):																
Initial claims.....thous..	114.4	181.7	7.5	7.4	7.4	8.1	9.8	13.7	10.8	10.2	19.6	13.8	11.5	15.3	9.1	7.9
Average weekly insured unem- ployment.....do.....	22.1	24.1	23.4	21.3	19.2	17.7	18.8	21.5	23.2	23.3	28.4	32.0	34.7	38.9	36.0	30.5
Total benefits paid.....mil. \$..	143.5	159.0	12.3	12.6	10.6	10.4	9.8	11.4	13.3	11.5	15.7	17.8	18.9	23.2	19.6	17.7
Weeks of unemployment com- pensated.....thous..	1,085.6	1,077.5	83.2	84.5	70.1	69.2	64.8	75.3	90.9	79.2	107.8	121.7	129.4	155.8	129.5	115.1
Average weekly benefit.....dollars..	132.21	148.04	148.00	149.01	151.78	150.65	150.77	151.20	146.32	145.03	145.79	146.25	146.35	149.15	151.33	153.63
Veterans unemployment insurance (UCV):																
Initial claims.....thous..	116.9	132.9	11.1	12.8	11.0	10.1	9.5	11.1	12.4	10.3	12.0	10.4	9.4	11.3	8.2	9.3
Average weekly insured unem- ployment.....do.....	15.1	18.4	19.2	19.4	19.6	19.2	17.5	17.3	16.7	17.3	18.5	18.4	18.8	20.5	18.3	18.1
Total benefits paid.....mil. \$..	104.7	131.7	10.4	11.6	10.4	12.3	10.6	10.4	10.4	9.5	11.6	11.4	11.3	13.2	10.5	10.6
Weeks of unemployment com- pensated.....thous..	644.0	773.3	62.2	69.8	66.1	72.0	62.2	60.3	60.1	54.4	66.6	65.3	64.1	74.9	59.5	61.3
Average weekly benefit.....dollars..	162.57	170.58	167.19	166.40	157.95	170.51	171.11	173.36	173.20	175.19	173.99	175.41	175.62	176.06	175.78	173.47

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$..	62,972	51,863	57,852	55,865	53,945	54,766	53,750	52,006	52,324	50,469	52,093	53,968	51,863			
Commercial and financial company paper, total.....do.....	521,859	557,166	540,283	540,732	552,256	547,170	542,543	543,609	547,364	561,773	558,375	555,994	557,811	568,936	566,133	
Financial companies.....do.....	398,456	419,753	404,097	398,548	402,941	401,405	397,649	399,480	402,570	410,134	404,718	408,578	420,398	419,754	421,941	
Dealer placed.....do.....	188,580	221,362	187,800	185,202	186,959	188,017	194,335	198,070	206,734	199,092	205,203	221,362	216,148	222,169	222,169	
Directly placed.....do.....	209,876	198,391	216,297	213,346	215,982	213,388	203,314	201,410	203,670	203,400	205,626	203,375	199,036	203,606	199,772	
Nonfinancial companies.....do.....	123,403	137,413	136,186	142,184	149,315	145,765	144,894	144,129	144,794	151,639	153,657	147,416	137,413	149,182	144,192	
Loans of the Farm Credit System: †																
Total, end of period.....mil. \$..	50,707			51,196			51,208			51,110						
Long-term real estate loans.....do.....	30,245			29,923			29,595			29,440						
Short-term and intermediate-term loans.....do.....	10,020			9,701			10,542			10,977						
Loans to cooperatives.....do.....	10,442			11,572			11,071			10,693						
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$..	304,465	327,573	292,506	295,137	297,270	301,646	306,354	308,798	310,386	311,031	315,881	318,871	327,573	326,206	325,016	315,305
Reserve bank credit outstand- ing, total #.....do.....	236,991	262,002	257,829	228,894	232,124	235,475	239,064	240,561	244,450	243,082	245,851	252,279	262,002	258,471	260,090	250,069
Loans.....do.....	481	190	1,779	2,163	1,012	1,100	586	942	465	505	131	190	180	506	244	
U.S. Government securities.....do.....	228,367	252,103	219,132	219,322	224,468	227,455	231,383	232,313	236,434	234,373	237,763	244,985	252,103	249,194	251,404	240,965
Gold certificate account.....do.....	11,059	11,058	11,059	11,060	11,060	11,065	11,065	11,064	11,065	11,063	11,060	11,059	11,058	11,058	11,058	
Liabilities, total #.....do.....	304,465	327,573	292,506	295,137	297,270	301,646	306,354	308,798	310,386	311,031	315,881	318,871	327,573	326,206	325,016	315,305
Deposits, total.....do.....	46,430	48,228	41,143	41,565	42,036	39,132	42,429	41,546	40,600	42,206	44,226	43,331	43,228	48,165	46,505	35,405
Member-bank reserve balances.....do.....	38,327	38,658	33,811	36,129	36,076	34,094	36,336	34,651	35,592	33,834	34,546	37,359	38,658	19,902	22,109	24,067
Federal Reserve notes in circula- tion.....do.....	241,739	267,657	236,534	238,944	241,068	246,398	247,983	249,319	253,544	252,738	255,860	260,243	267,657	263,751	265,915	267,391
All member banks of Federal Reserve System, averages of daily figures: †																
Reserves held, total.....mil. \$..	262,810	59,150	60,623	60,658	62,512	60,232	61,197	60,943	60,728	61,452	61,052	62,045	59,150	50,992	48,551	48,582
Required.....do.....	261,888	57,456	59,634	59,797	61,615	59,269	60,422	60,081	59,860	60,544	60,206	61,099	57,456	48,824	46,743	47,409
Excess.....do.....	922	1,665	989	861	897	962	774	862	868	909	847	947	1,665	2,168	1,809	1,173
Borrowings from Federal Reserve banks.....do.....	265	326	1,448	2,124	1,628	1,335	881	757	927	624	410	280	326	534	252	241
Free reserves.....do.....	267	1,362	76	687	672	502	239	885	68	291	455	741	1,362	1,661	2,971	985
Large commercial banks reporting to Federal Reserve System, last Wed. of mo.:																
Deposits:																
Demand, total #.....mil. \$..	248,307	278,721	233,383	220,035	219,106	234,527	221,364	215,000	213,251	225,626	224,787	217,211	278,721	214,004	216,608	218,174
Individuals, partnerships, and corporations.....do.....	197,212	218,263	185,814	176,918	174,129	183,275	174,225	171,254	171,072	180,117	179,672	173,925	218,263	172,260	173,674	173,616
States and political subdivisions.....do.....	7,248	9,315	6,335	5,661	6,477	6,086	6,280	6,268	6,067	6,844	6,844	6,427	9,315	6,755	6,787	6,942
U.S. Government.....do.....	1,865	4,831	2,987	2,430	4,007	1,472	3,562	2,655	1,440	1,902	2,249	1,038	4,831	1,491	1,627	1,662
Depository institutions in U.S.....do.....	24,251	28,334	22,398	19,570	19,247	23,840	19,720	20,011	18,840	21,634	20,545	19,915	23,334	18,915	17,995	18,984
Transaction balances other than demand deposits.....do.....	79,238	91,138	81,177	80,619	83,580	80,099	79,050	77,495	77,478	81,627	79,367	78,354	91,138	82,988	84,413	86,607
Nontransaction balances, total.....do.....	704,060	797,701	724,933	730,926	730,316	741,164	741,932	751,981	752,705	755,176	755,210	753,989	797,701	793,096	798,314	797,660
Individuals, partnerships, and corporations.....do.....	666,397	762,580	685,592	691,572	691,238	702,169	703,325	715,080	715,253	719,144	718,955	717,988	762,580	757,267	760,759	760,265
Loans and leases(adjusted),total \$.....do.....	994,060	1,072,019	1,006,834	1,005,614	1,007,576	1,010,010	1,011,832	1,012,981	1,017,024	1,019,094	1,020,546	1,017,693	1,072,019	1,052,816	1,048,748	1,048,489
Commercial and industrial.....do.....	318,691	321,314	323,310	323,019	325,252	322,754	321,906	319,630	317,459	318,909	319,458	317,473	321,314	316,930	320,763	319,601
For purchasing and carrying securities.....do.....	16,261	13,129	16,465	16,914	14,937	13,526	15,755	14,876	14,262	14,540	14,407	14,020	13,129	13,469	15,143	12,982
To nonbank depository and other financial.....do.....	22,334	24,462	22,158	21,797	22,151	22,633	23,697	22,951	23,358	23,975	24,090	23,908	24,462	22,647	22,519	22,692
Real estate loans.....do.....	352,500	398,753	362,353	365,507	366,109	371,661	373,682	377,184	379,229	381,394	382,568	383,842	398,753	400,607	400,812	401,912
To States and political subdivisions.....do.....	24,940	21,034	24,581	24,270	23,998	23,716	23,233	22,774	22,454	21,978	21,977	21,415	21,054	21,093	20,302	20,534

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	FINANCE—Continued																
BANKING—Continued																	
Commercial bank credit, seas. adj.: \$																	
Total loans and securities ◊.....bil. \$	2,582.6	2,723.6	2,615.1	2,633.2	2,648.1	2,655.4	2,670.1	2,683.0	2,704.9	2,708.0	2,713.6	2,716.6	2,723.6	2,721.2	2,735.1		
U.S. Government securities.....do	394.5	454.2	413.8	420.3	426.4	430.3	438.4	442.8	445.7	450.1	453.1	454.0	454.2	454.1	458.0		
Other securities.....do	180.3	175.6	180.6	180.4	180.2	178.2	177.5	177.3	178.8	178.8	177.8	175.9	175.6	177.7	177.6		
Total loans and leases ◊.....do	2,007.9	2,093.8	2,020.7	2,082.5	2,041.5	2,046.9	2,054.2	2,062.9	2,080.4	2,079.0	2,082.7	2,086.7	2,093.8	2,089.4	2,099.5		
Money and interest rates:																	
Prime rate charged by banks on short-term business loans.....percent..	10.87	10.01	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.52	9.05	9.00	
Discount rate (New York Federal Reserve Bank) @.....do	6.93	6.98	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	6.79	6.50	6.00	6.00	
Federal intermediate credit bank loans.....do																	
Home mortgage rates (conventional 1st mortgages):																	
New home purchase (U.S. avg.).....percent..	9.77	9.68	9.56	9.70	9.83	9.87	9.80	9.75	9.75	9.60	9.68	9.61	9.45	9.36	9.28	9.16	
Existing home purchase (U.S. avg.).....do	9.81	9.73	9.74	9.74	9.82	9.83	9.85	9.85	9.70	9.70	9.67	9.69	9.58	9.54	9.49	9.26	
Open market rates, New York City:																	
Bankers' acceptances, 3-month.....do	8.87	7.93	8.03	8.15	8.21	8.12	8.00	7.86	7.75	7.83	7.85	7.82	7.60	6.96	6.36	6.24	
Commercial paper, 6-month ½.....do	8.80	7.95	8.04	8.23	8.29	8.23	8.06	7.90	7.77	7.83	7.81	7.74	7.49	7.02	6.41	6.36	
Finance co. paper placed directly, 6-mo.....do	8.16	7.53	7.40	7.49	7.74	8.04	7.79	7.66	7.46	7.50	7.50	7.42	6.95	6.59	6.14	6.20	
Yield on U.S. Gov. securities (taxable):																	
3-month bills (rate on new issue).....percent..	8.120	7.510	7.760	7.870	7.780	7.780	7.740	7.660	7.440	7.380	7.190	7.070	6.810	6.300	5.950	5.910	
CONSUMER INSTALLMENT CREDIT †																	
Not seasonally adjusted																	
Total outstanding (end of period) #.....mil. \$	727,561	750,941	717,062	713,138	715,801	720,045	722,953	727,196	734,511	737,260	737,252	740,346	750,941	740,602	733,940		
By major holder:																	
Commercial banks.....do	343,865	351,895	339,418	334,645	337,576	339,328	335,998	339,124	342,987	344,941	344,875	346,128	351,695	345,027	343,923		
Finance companies.....do	140,832	136,154	139,115	137,857	138,174	138,384	138,642	138,796	139,496	140,890	141,329	139,195	136,154	134,739	132,750		
Credit unions.....do	90,875	91,203	90,127	89,556	89,689	89,913	90,137	90,631	91,306	91,852	91,406	91,174	91,203	90,335	89,990		
Retailers.....do	42,638	42,111	37,904	37,302	37,207	37,347	37,382	36,804	37,231	36,659	36,047	37,470	42,111	39,828	37,866		
Savings institutions.....do	57,228	49,594	54,771	54,095	53,606	53,301	52,902	52,603	52,399	51,990	50,787	50,310	49,594	49,117	47,637		
Gasoline companies *.....do	3,935	4,747	3,803	3,792	3,928	4,024	4,192	4,396	4,722	4,723	4,718	4,701	4,747	4,748	4,333		
Pools of securitized assets ††.....do	48,188	75,437	51,924	55,891	55,621	57,748	63,700	64,942	66,370	67,355	68,090	71,368	75,437	76,808	77,391		
By major credit type:																	
Automobile *.....do	290,421	284,908	288,036	286,539	286,220	287,140	287,254	287,479	288,221	289,255	287,730	285,877	284,908	281,541	279,098		
Revolving *.....do	208,188	230,456	200,147	199,937	201,783	204,854	206,820	209,592	213,119	214,853	216,285	219,713	230,456	224,006	221,015		
Mobile home *.....do	22,283	21,757	22,726	22,426	22,484	22,610	22,644	22,873	23,033	22,815	22,720	22,646	21,757	22,818	22,540		
Other *.....do	206,669	213,820	206,153	204,236	205,314	205,441	206,235	207,252	210,138	210,337	210,517	212,110	213,820	212,028	211,287		
Seasonally adjusted																	
Total outstanding (end of period) #.....do			717,869	720,445	720,835	724,485	724,601	729,329	732,385	735,222	736,595	739,357	739,014	736,756	734,461		
By major credit type:																	
Automobile.....do			289,629	290,932	288,936	288,931	287,168	286,791	285,283	285,261	284,402	284,483	285,336	283,593	280,501		
Revolving.....do			199,927	202,263	203,965	207,153	208,362	212,138	214,492	216,804	218,381	219,757	218,235	219,463	220,838		
Mobile home.....do			22,633	22,708	22,702	22,815	22,738	22,795	22,976	22,672	22,491	22,518	21,816	22,684	22,446		
Other *.....do			205,680	204,543	205,232	205,585	206,338	207,605	209,635	210,484	211,320	212,599	213,628	211,015	210,676		
Total net change (during period) #.....do			40	2,576	390	3,650	116	4,728	3,056	2,837	1,373	2,762	-343	-2,258	-2,295		
By major credit type:																	
Automobile.....do			-1,275	1,303	-1,996	-5	-1,763	-377	-1,508	-22	-859	81	853	-1,743	-3,092		
Revolving.....do			781	2,836	1,702	3,188	1,209	3,776	2,354	2,312	1,577	1,376	-1,522	1,375	1,375		
Mobile home.....do			29	75	-6	113	-82	62	181	-304	-181	27	-702	868	-238		
Other *.....do			505	-1,137	689	353	753	1,267	2,030	849	836	1,279	1,029	-2,613	-339		
FEDERAL GOVERNMENT FINANCE																	
Federal receipts and outlays:																	
Receipts (net).....mil. \$	'990,701	'1,031,229	'65,141	'64,805	'139,604	'69,186	'110,601	'72,329	'78,462	'102,860	'77,061	'70,507	'101,900	'100,713	67,657	64,805	
Outlays (net).....do	'1,142,691	'1,251,618	'100,348	'118,128	'97,775	'111,668	'121,706	'98,253	'131,181	'82,012	'108,346	'118,218	'109,212	'99,023	'93,834	105,650	
Total surplus or deficit (-).....do	-151,989	-220,388	-35,207	-53,324	41,829	-42,482	-11,105	-25,924	-52,719	20,848	-31,285	-47,711	-7,311	'1,690	-26,177	-40,845	
Federal financing, total.....do	'151,989	'220,388	35,207	53,324	-41,829	42,482	11,105	25,924	52,719	-20,848	31,285	47,711	7,311	-1,690	26,177	40,845	
Borrowing from the public.....do	'140,369	'298,824	18,221	56,090	-5,935	23,380	23,519	24,233	47,329	-2,595	32,265	46,776	19,700	31,764	34,611	-9,913	
Other.....do	'11,620	'10,796	17,043	-2,754	-36,583	19,122	12,886	-1,701	-5,425	20,848	803	-1,274	12,389	33,524	8,531	-50,758	
Gross amount of debt outstanding.....do	'2,581,112	'3,190,538	'3,025,827	'3,081,893	'3,093,076	'3,127,355	'3,175,461	'3,200,338	'3,243,261	'3,266,073	'3,307,748	'3,363,205	'3,397,325	'3,443,129	'3,488,624	'3,491,694	
Held by the public.....do	'2,204,270	'2,186,726	'2,302,965	'2,359,054	'2,353,119	'2,376,813	'2,400,365	'2,424,538	'2,471,927	'2,470,166	'2,502,431	'2,549,207	'2,568,907	'2,600,015	'2,634,626	'2,624,714	
Federal receipts by source and outlays by agency:																	
Receipts (net), total.....mil. \$	'990,701	'1,056,490	65,170	64,819	139,624	69,212	110,614	72,357	78,486	102,874	78,711	72,819	102,266	101,802	67,657	64,805	
Individual income taxes (net).....do	'445,690	'474,235	28,890	13,174	74,375	21,467	49,639	33,290	36,434	46,664	40,691	27,156	46,471	50,882	27,929	11,288	
Corporation income taxes (net).....do	'108,291	'96,945	1,231	12,655	13,375	1,557	18,569	2,057	1,608	17,344	1,614	1,294	22,523	3,829	2,495	12,807	
Social insurance taxes and contributions (net).....mil. \$	'359,416	'388,944	29,055	32,961	43,821	37,450	34,326	29,610	32,047	31,010	26,598	33,723	25,480	39,604	29,872	33,045	
Other.....do	'82,392	'96,369	6,054	6,030	8,052	8,738	8,081	7,399	8,397	7,856	9,807	10,646	7,792	7,487	7,361	7,665	
Outlays (net), total.....do	'1,142,691	'1,293,575	100,434	118,155	97,866	111,764	121,836	98,291	131,240	82,026	110,173	120,869	109,650	100,042	93,737	105,650	
Agriculture Department.....do	'48,414	'50,117	3,297	5,058	5,109	4,216	3,015	3,349	2,346	3,320	4,818	6,474	5,353	4,553	3,145	5,051	
Defense Department, military.....do	'294,876	'296,559	24,157	28,691	21,385	25,560	27,015	22,004	27,505	20,522	24,094	29,021	25,168	20,868	24,940	14,852	
Health and Human Services Department.....mil. \$	'399,774	'449,829	36,045	37,736	35,677	37,316	42,467	36,992	59,467	14,730	36,734	39,360	38,133	38,931	39,162	39,555	
Treasury Department.....do	'230,573	'261,117	17,758	18,215	15,859	20,522	40,176	17,012	18,529	16,281	15,561	19,345	46,544	17,165	18,754	19,860	
National Aeronautics and Space Admin.....do	'11,036	'13,164	923	1,087	1,093	963	1,103	1,101	1,140	948	1,351	1,155	1,396	851	1,063	1,139	
Veterans Affairs Department.....do	'30,041	'30,575	2,590	3,844	1,313	2,596	3,737	1,265	3,619	1,202	2,886	4,018	2,428	948	2,576	2,716	
GOLD AND SILVER:																	
Gold:																	
Monetary stock, U.S. (end of period).....mil. \$	11,059	11,061	11,059	11,060	11,060	11,065	11,065	11,064	11,063	11,063	11,060	11,059	11,058	11,058	11,058		
Price at New York ††.....dol. per troy oz.	381.28	384.08	416.33	393.06	374.27	369.19	352.33	362.53	395.03	389.46	380.74	381.72	378.16	383.64	363.33	363.34	
Silver:																	
Price at New York ††.....dol. per troy oz.	5.499	4.819	5.278	5.058	5.046	5.074	4.906	4.859	4.982	4.790	4.366	4.169	4.068	4.028	3.723	3.960	

See footnotes at end of tables.

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Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
MONETARY STATISTICS																	
Currency in circulation (end of period).....bil. \$.	260.4																
Money stock measures and components (averages of daily figures): †																	
Measures (not seasonally adjusted):																	
M1.....bil. \$.	783.7	812.2	788.3	796.2	818.0	797.3	810.8	812.9	814.5	818.9	817.6	826.1	844.3	833.2	823.4	884.7	
M2.....do	3,129.6	3,293.2	3,245.6	3,267.7	3,292.3	3,262.8	3,284.1	3,298.6	*3,310.2	*3,316.8	*3,321.8	*3,328.3	*3,343.9	*3,343.1	*3,347.8	3,377.5	
M3.....do	3,987.7	4,091.4	4,061.5	4,075.8	4,090.8	4,064.3	4,080.8	4,091.4	*4,108.3	*4,107.2	*4,106.6	*4,117.1	*4,125.9	*4,132.6	*4,152.2	4,173.3	
L (M3 plus other liquid assets).....do	4,782.8	4,929.6	4,893.9	4,912.2	4,930.3	4,888.6	4,914.1	4,919.2	*4,933.6	*4,956.0	*4,951.6	*4,962.7	*4,978.0	*4,995.9	5,008.7		
Components (not seasonally adjusted):																	
Currency.....do	217.5	235.5	224.4	227.1	229.6	231.8	234.9	237.3	239.4	241.0	242.8	245.7	249.6	249.8	*252.7	255.6	
Demand deposits.....do	280.4	277.5	271.3	271.6	280.0	283.9	275.2	277.3	276.8	273.2	273.0	280.5	289.9	277.7	*268.1	270.1	
Other checkable deposits ††.....do	278.5	291.2	285.5	290.1	301.1	289.1	292.7	289.7	289.4	291.1	288.4	291.9	*297.0	297.9	294.8	301.3	
Overnight RP's and Eurodol- lars †.....do	79.1	81.1	82.4	81.9	79.4	83.2	82.4	84.0	82.6	81.5	83.5	77.7	73.9	*71.4	*70.9	70.7	
General purpose and broker/dealer money market funds.....do	276.3	332.0	327.8	331.6	330.9	321.7	322.2	325.0	334.6	339.2	341.3	344.5	347.8	356.6	364.7	372.5	
Money market deposit accounts.....do	475.0	501.1	493.4	498.3	499.6	495.7	493.3	499.8	504.3	505.9	505.6	509.8	510.3	508.9	513.3	521.7	
Savings deposits.....do	409.9	410.9	405.1	410.0	412.7	412.5	414.6	416.9	414.0	411.7	412.6	*410.4	407.3	*409.0	*412.0	420.7	
Small time deposits @.....do	1,355.5	1,155.7	1,148.6	1,149.7	1,152.2	1,152.4	1,154.8	1,160.1	1,160.2	*1,159.5	*1,161.2	*1,159.8	*1,160.3	*1,164.1	*1,163.5	1,157.2	
Large time deposits @.....do	564.1	533.9	553.3	549.1	540.6	539.9	537.2	538.2	530.4	524.3	518.3	515.9	507.1	*509.6	*518.9	510.4	
Measures (seasonally adjusted):																	
M1.....do			801.1	804.7	807.7	807.5	811.5	810.7	816.5	821.8	821.2	823.3	825.4	826.7	*836.4	842.7	
M2.....do			3,255.0	3,269.6	3,279.9	3,282.8	3,290.6	3,295.4	*3,309.5	*3,321.5	*3,324.5	*3,324.7	*3,329.3	*3,332.9	*3,357.0	3,378.3	
M3.....do			4,073.1	4,077.2	4,082.7	4,082.7	4,085.8	4,089.2	*4,103.3	*4,109.0	*4,109.5	*4,110.0	*4,113.8	*4,126.5	*4,164.1	4,174.0	
L (M3 plus other liquid assets).....do			4,902.9	4,914.6	4,920.5	4,903.2	4,922.8	4,926.9	*4,935.4	*4,957.4	*4,955.8	*4,958.0	*4,979.9	*4,995.9	5,018.1		
Components (seasonally adjusted):																	
Currency.....do			226.6	228.4	230.3	231.9	233.7	235.7	238.4	241.5	243.9	245.0	246.4	251.6	255.1	256.7	
Demand deposits.....do			279.4	278.9	278.1	275.8	276.3	275.6	278.0	277.1	277.1	277.2	276.9	272.9	*276.2	277.2	
Other checkable deposits ††.....do			287.5	289.8	291.7	292.0	293.7	291.7	292.1	293.0	291.8	292.8	293.7	298.9	*296.8	300.8	
Savings deposits.....do			408.7	410.2	411.5	411.3	411.8	412.7	412.7	412.3	411.5	411.1	*410.8	412.0	*415.5	420.7	
Small time deposits @.....do			1,146.8	1,149.9	1,152.2	1,153.5	1,154.6	1,156.8	1,158.3	*1,160.1	*1,161.4	*1,161.8	*1,164.2	*1,163.2	*1,162.3	1,158.0	
Large time deposits @.....do			554.9	549.3	543.7	540.5	538.0	535.0	529.2	521.9	515.1	512.5	*507.1	*511.7	*515.7	511.0	
PROFITS AND DIVIDENDS (QTRLY.)																	
Manufacturing corps. (Bureau of the Census):																	
Net profits after taxes, all																	
manufacturing.....mil. \$.	136,490			*27,934			*36,148			*29,255			19,274				
Food and kindred products.....do	16,545			3,493			5,167			5,113			2,288				
Textile mill products.....do	1,416			56			252			133			-19				
Paper and allied products.....do	7,047			1,389			1,630			1,246			579				
Chemicals and allied products.....do	24,523			5,495			6,327			6,280			5,265				
Petroleum and coal products.....do	19,512			4,071			4,065			4,781			4,663				
Stone, clay, and glass products.....do	1,963			3			1,003			589			-469				
Primary nonferrous metal.....do	3,785			720			883			656			151				
Primary iron and steel.....do	1,512			319			473			312			-527				
Fabricated metal products.....do	5,515			1,373			1,529			*1,302			517				
Machinery (except electrical).....do	9,666			2,380			2,921			*2,573			3,282				
Electrical and electronic equipment.....do	9,663			2,053			2,050			2,032			1,051				
Transportation equipment (except motor vehicles and equipment).....mil. \$.	4,315			1,337			1,193			1,536			855				
Motor vehicles and equipment.....do	8,349			1,355			2,111			-1,941			-2,107				
All other manufacturing in- dustries.....do	22,674			3,875			5,519			4,696			3,739				
Dividends paid (cash), all manu- facturing.....do	65,244			*15,141			16,322			14,740			17,612				
SECURITIES ISSUED																	
Securities and Exchange Commission:																	
Estimated gross proceeds, total.....mil. \$.																	
By type of security:	(1)																
Bonds and notes, corporate.....do	(1)																
Common stock.....do	(1)																
Preferred stock.....do	(1)																
By type of issuer:																	
Corporate, total #.....mil. \$.	(1)																
Manufacturing.....do	(1)																
Extractive.....do	(1)																
Public utility.....do	(1)																
Transportation.....do	(1)																
Communication.....do	(1)																
Financial and real estate.....do	(1)																
State and municipal issues (Bond Buyer):																	
Long-term.....do	123,037	126,374	6,915	11,045	8,851	12,199	14,335	8,223	11,174	14,001	8,404	10,140	13,065	7,410	10,407	10,628	
Short-term.....do	29,002	33,585	1,111	1,884	896	2,281	8,961	3,895	7,452	1,202	1,013	2,270	1,605	1,358	1,104	1,752	
SECURITY MARKETS																	
Stock Market Customer Financing																	
Margin credit at broker-dealers, end of year or month.....mil. \$.	34,320	28,210	31,480	30,760	31,060	31,600	31,720	32,130	30,350	29,640	28,650	27,820	28,210	27,390	28,860	(2)	
Free credit balances at brokers, end of year or month:																	
Margin-account.....do	7,040	8,050	6,575	6,525	6,465	6,215	6,490	6,385	7,140	7,285	7,245	7,300	8,050	7,435	7,190	(2)	
Cash-account.....do	18,505	19,285	16,200	16,510	15,375	15,470	15,625	17,035	16,745	16,185	15,820	17,025	19,255	18,825	19,435	(2)	
Bonds																	
Prices:																	
Standard & Poor's Corporation, domestic municipal (15 bonds).....dol. per \$100 bond..	66.1	66.0	66.3	65.6	65.1	65.3	66.2	66.7	65.5	64.8	64.8	67.2	67.6	67.6	69.0	67.3	
Sales:																	
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$.	8,836.27	10,892.70	1,015.42	904.13	794.21	774.16	946.52	1,155.55	977.60	675.60	959.89	794.07	820.37	1,074.13	1,689.18	1,248.14	

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		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
Bonds—Continued																	
Yields:																	
Domestic corporate (Moody's).....percent..	9.66	9.77	9.64	9.73	9.82	9.87	9.67	9.65	9.84	10.02	10.03	9.85	9.63	9.62	9.36	9.43	
By rating:																	
Aaa.....do	9.26	9.32	9.22	9.37	9.46	9.47	9.26	9.24	9.41	9.56	9.53	9.30	9.05	9.04	8.83	8.93	
Aa.....do	9.46	9.56	9.45	9.51	9.64	9.70	9.49	9.47	9.63	9.77	9.77	9.59	9.39	9.34	9.16	9.21	
A.....do	9.74	9.82	9.75	9.82	9.89	9.89	9.70	9.69	9.89	10.09	10.06	9.88	9.64	9.61	9.38	9.50	
Baa.....do	10.18	10.36	10.14	10.21	10.30	10.41	10.22	10.20	10.41	10.64	10.74	10.62	10.43	10.41	10.07	10.09	
By group:																	
Industrials.....do	9.66	9.77	9.61	9.70	9.77	9.84	9.64	9.64	9.83	10.02	10.11	9.93	9.68	9.68	9.41	9.47	
Public utilities.....do	9.66	9.76	9.67	9.75	9.87	9.89	9.69	9.66	9.84	10.01	9.94	9.76	9.57	9.56	9.31	9.39	
Railroads.....do	(¹)																
Domestic municipal:																	
Bond Buyer (20 bonds).....do	7.23	7.31	7.25	7.33	7.54	7.26	7.27	7.15	7.47	7.53	7.43	7.08	7.14	7.00	7.01	7.14	
Standard & Poor's Corp. (15 bonds).....do	7.24	7.25	7.21	7.29	7.36	7.34	7.22	7.15	7.31	7.40	7.40	7.10	7.04	7.05	6.90	7.07	
U.S. Treasury bonds, taxable $\frac{1}{2}$.....do	8.58	8.74	8.66	8.74	8.92	8.90	8.62	8.64	8.97	9.11	8.93	8.60	8.31	8.33	8.12	8.38	
Stocks																	
Prices:																	
Dow Jones averages (65 stocks).....	966.86	965.24	972.19	1,006.45	1,004.68	1,022.50	1,045.32	1,039.61	934.30	888.98	868.89	881.98	916.30	922.30	1,022.63	1,034.12	
Industrial (30 stocks).....	2,508.91	2,678.94	2,614.18	2,700.13	2,708.26	2,798.81	2,894.82	2,934.23	2,681.89	2,550.69	2,460.54	2,518.56	2,610.92	2,587.60	2,863.04	2,920.11	
Public utility (15 stocks).....	205.72	211.53	221.17	216.96	210.68	212.37	211.16	204.95	210.09	199.83	207.18	210.26	210.55	205.27	213.69	213.15	
Transportation (20 stocks).....	1,194.30	1,040.24	1,083.36	1,160.31	1,164.82	1,163.11	1,181.85	1,150.03	951.11	881.31	850.77	848.07	908.43	*962.42	1,110.26	1,113.24	
Standard & Poor's Corporation: $\frac{1}{2}$																	
Combined index (500 Stocks).....1941-43=10..	322.84	334.59	330.45	338.47	338.18	350.25	360.39	360.03	330.75	315.41	307.12	315.29	328.75	325.49	362.26	372.28	
Industrial, total (400 Stocks) #.....do	370.28	390.88	381.11	391.71	393.17	408.10	421.49	425.76	390.78	372.81	361.00	369.35	384.75	382.78	427.94	441.87	
Capital goods.....do	278.70	282.47	283.39	294.80	294.19	305.65	312.50	312.90	281.47	260.28	241.70	249.94	266.73	267.72	309.18	308.68	
Consumer goods.....do	398.17	433.92	406.89	418.06	426.68	445.52	469.50	481.61	437.65	414.03	408.36	424.91	450.62	443.65	504.43	528.29	
Utilities (40 Stocks).....do	132.16	140.16	140.99	141.92	140.89	143.66	143.52	137.86	132.76	130.33	137.91	141.58	144.46	138.38	143.19	142.84	
Transportation (20 Stocks).....1982=100..	271.78	254.32	261.42	274.48	273.52	277.39	284.14	276.97	240.08	224.76	216.47	218.87	232.89	241.37	270.36	267.91	
Railroads.....1941-43=10..	197.31	202.85	208.34	209.18	206.20	212.18	221.46	220.90	204.55	191.84	169.59	183.63	195.87	197.92	218.40	214.22	
Financial (40 Stocks).....1970=10..	30.24	26.12	28.17	28.50	27.53	28.73	29.84	28.46	24.86	22.57	20.07	21.52	23.53	23.20	27.75	28.64	
Money center banks.....1941-43=10..	116.14	85.50	96.47	97.69	92.79	94.63	96.78	90.56	80.78	72.86	58.25	65.88	75.38	70.42	82.99	81.17	
Major regional banks.....do	122.18	95.53	109.09	108.99	102.95	107.48	110.48	102.52	89.52	79.30	63.41	74.90	83.51	79.10	99.77	102.97	
Property-Casualty Insurance.....do	326.34	342.56	364.89	366.84	356.63	358.70	367.50	354.19	325.99	304.77	282.56	322.57	343.99	341.84	391.74	394.93	
N.Y. Stock Exchange common stock indexes:																	
Composite.....12/31/65=50..	180.02	183.46	182.55	186.26	185.61	191.35	196.68	196.61	181.46	173.24	168.05	172.21	179.57	177.95	197.75	203.56	
Industrial.....do	216.23	225.78	220.60	226.14	226.36	234.85	242.42	245.86	226.73	216.51	208.58	212.81	221.86	220.69	246.74	255.36	
Transportation.....do	175.22	158.62	165.58	175.08	173.54	173.52	177.37	173.18	147.41	136.95	131.90	132.96	141.31	145.59	166.06	166.26	
Utility.....do	87.43	90.60	92.15	93.09	91.92	93.29	93.65	85.81	83.30	87.27	89.69	91.56	83.59	92.08	92.29	92.29	
Financial.....do	151.88	133.26	142.68	143.09	138.57	142.94	147.93	143.11	128.14	118.59	108.01	113.76	122.18	121.39	141.08	145.41	
NASDAQ over-the-counter price indexes:																	
Composite.....2/5/71=100..	437.80	409.21	424.52	436.09	428.99	442.60	462.31	455.82	396.32	368.58	338.01	347.69	370.21	376.68	442.59	469.10	
Industrial.....do	423.38	430.57	427.83	447.48	447.38	467.97	493.50	493.24	423.90	394.25	360.41	373.24	400.89	412.33	491.45	527.06	
Insurance.....do	504.75	471.43	491.38	503.71	490.70	490.90	507.48	502.98	460.22	432.85	391.57	413.86	449.44	448.96	509.23	532.17	
Bank.....do	457.08	319.03	375.76	374.38	353.23	347.83	346.86	330.54	293.84	271.42	246.09	246.60	255.16	254.05	281.19	303.59	
NASDAQ/NMS composite.....7/10/84=100..	191.02	179.36	185.72	190.91	187.74	193.92	202.76	199.93	173.54	161.35	148.09	152.62	163.42	166.62	196.23	207.51	
Industrial.....do	167.51	170.17	168.26	176.25	176.32	184.78	195.16	195.21	167.45	155.69	142.51	148.50	160.24	165.44	197.17	210.74	
Yields (Standard & Poor's Corp.):																	
Composite (500 stocks).....percent..	3.45	3.61	3.54	3.49	3.51	3.44	3.36	3.37	3.65	3.35	4.01	3.91	3.74	3.61	3.32	.....
Industrials (400 stocks).....do	3.01	3.16	3.12	3.07	3.13	3.01	2.93	2.91	3.16	3.33	3.51	3.45	3.31	3.17	2.90	.....
Utilities (40 stocks).....do	6.39	5.91	5.54	5.84	5.92	5.78	5.76	6.03	6.17	6.36	6.02	5.89	5.73	6.05	5.88	.....
Transportation (20 stocks).....do	2.14	2.56	2.42	2.32	2.33	2.30	2.21	2.24	2.63	2.96	2.96	3.17	2.87	2.54	2.46	.....
Financial (40 stocks).....do	3.78	4.82	4.25	4.25	4.38	4.38	4.22	4.42	5.05	6.14	6.27	5.54	4.96	4.48	3.98	.....
Preferred stocks, 10 high-grade.....do	9.04	8.96	8.90	9.02	9.05	9.04	9.01	8.94	8.97	9.05	8.96	8.88	8.72	8.71	8.46	8.55	
Sales:																	
Total on all registered exchanges (SEC):																	
Market value.....mil. \$..	1,844,768	1,611,884	125,559	147,670	115,381	143,013	148,706	138,813	177,524	96,201	132,968	116,867	122,918	111,128	164,576	.....
Shares sold.....millions..	54,289	53,334	4,030	4,568	3,646	5,371	4,380	4,080	5,449	3,271	5,581	4,200	4,812	3,950	5,516	.....
On New York Stock Exchange:																	
Market value.....mil. \$..	1,576,899	1,389,084	107,474	127,078	98,732	123,055	128,367	120,494	152,819	83,385	116,348	99,541	107,530	95,441	142,066	.....
Shares sold (cleared or settled).....millions..	44,140	43,826	3,286	3,696	2,906	4,561	3,576	3,370	4,402	2,665	4,800	3,463	3,557	3,258	4,610	.....
New York Stock Exchange:																	
Exclusive of odd-lot stock sales (sales effected).....millions..	41,699	39,665	2,962	3,285	2,801	3,597	3,226	3,371	4,015	2,686	3,671	3,148	3,109	3,636	4,273	.....
NASDAQ over-the-counter:																	
Market value.....mil. \$..	431,381	.....	30,647	40,117	35,371	48,795	44,887	46,329	44,058	26,152	33,380	28,252	30,127	45,375	56,767	55,754
Shares sold.....millions..	33,530	.....	2,422	2,909	2,593	3,469	3,153	2,985	3,121	2,096	2,695	2,378	2,495	2,925	3,313	3,585
Shares listed, NYSE, end of period:																	
Market value, all listed shares.....bil. \$..	3,029.65	2,819.78	2,842.19	2,904.13	2,826.45	3,067.12	3,045.54	3,084.18	2,758.95	2,617.45	2,591.25	2,747.59	2,819.78	2,927.78	3,137.60	.....
Number of shares listed.....millions..	82,797	90,732	84,013	84,471	84,939	86,507	87,750	88,748	88,732	89,488	90,079	90,345	90,732	90,772	91,096	.....

FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																
Exports (mdse.), incl. reexports, total @.....mil. \$..	363,811.5	393,893.4	30,921.0	35,955.3	32,599.6	33,678.0	34,456.9	30,728.6	31,663.8	31,486.6	35,295.9	33,689.2	32,922.8	33,150.1	32,666.2	.....
Seasonally adjusted $\frac{1}{4}$.....do	.....	.....	31,576.0	33,266.4	32,057.8	32,773.7	34,220.9	32,125.4	32,548.6	32,010.2	35,006.3	34,194.3	33,305.1	34,310.6	33,502.4	.....
Western Europe.....do	100,165.1	112,974.6	9,073.3	10,322.5	10,196.1	9,864.6	9,624.7	8,474.2	8,318.3	9,014.1	9,984.9	9,322.0	10,335.7	9,461.3	9,517.7	.....
European Economic Community.....do	86,330.8	98,026.8	7,986.9	8,988.2	8,861.9	8,345.6	8,414.9	7,300.8	7,295.3	7,802.						

Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

FOREIGN TRADE OF THE UNITED STATES—Continued

VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Western Hemisphere:																
Canada (do).....mil. \$.	78,803.9	83,865.5	6,706.7	8,047.9	7,363.2	7,914.5	7,518.5	6,154.5	6,683.0	6,447.5	7,455.8	7,359.4	5,943.0	6,777.9	6,395.7	
Brazil (do).....do	4,803.9	5,061.9	483.1	373.8	305.6	288.6	408.4	412.3	512.9	474.2	497.6	461.8	444.0	348.3	388.3	
Mexico (do).....do	24,982.0	28,375.3	2,052.0	2,300.9	2,042.5	2,559.8	2,534.6	2,332.6	2,519.5	2,370.4	2,779.5	2,503.7	2,226.8	2,400.7	2,355.6	
Venezuela (do).....do	3,025.2	3,107.2	199.8	227.7	238.3	258.6	295.4	246.6	278.4	279.6	287.6	303.0	326.2	296.2	315.0	
Asia:																
China (do).....do	5,755.4	4,807.2	516.7	356.4	374.9	381.4	499.8	385.7	422.7	354.8	452.7	329.9	372.8	411.0	486.3	
Hong Kong (do).....do	6,246.3	6,840.6	626.2	556.3	613.8	734.1	653.3	503.9	519.5	595.8	527.8	527.8	542.1	715.8	590.9	
Japan (do).....do	44,493.7	48,584.8	3,765.8	4,222.6	3,608.4	3,735.9	4,181.8	4,220.0	3,917.6	3,992.0	4,250.2	4,350.5	4,370.8	3,819.5	4,263.0	
Republic of Korea (do).....do	13,478.0	14,398.7	1,069.4	1,339.6	1,138.0	1,156.6	1,343.8	1,104.5	1,198.6	1,109.0	1,337.1	1,270.4	1,181.3	1,461.7	1,231.0	
Saudi Arabia (do).....do	3,578.6	4,034.8	248.7	341.1	260.1	293.0	270.3	290.7	356.3	288.8	489.9	436.2	477.1	509.5	392.7	
Singapore (do).....do	7,344.7	8,019.1	549.2	664.1	601.0	597.0	809.6	631.8	746.1	793.5	704.8	639.2	671.9	794.0	776.7	
Taiwan (do).....do	11,334.5	11,482.3	883.4	1,172.3	971.8	931.1	941.4	886.7	908.4	874.1	971.2	962.4	983.2	1,015.6	1,020.2	
Africa:																
Nigeria (do).....do	490.3	551.5	53.8	42.3	41.6	45.1	46.1	34.8	43.7	35.1	55.2	73.2	53.2	55.7	51.1	
Republic of South Africa (do).....do	1,659.4	1,732.4	114.1	167.3	146.2	121.1	143.0	169.5	157.2	143.2	149.2	136.2	136.5	288.8	134.3	
Australia (do).....do	8,331.3	8,534.7	563.2	722.7	694.5	615.0	677.1	760.5	883.1	625.4	608.4	580.3	955.9	608.5	706.5	
OPEC (do).....do	13,195.9	13,678.7	956.5	1,323.5	1,059.2	1,093.7	1,168.4	1,033.2	1,127.6	955.2	1,310.0	1,291.9	1,326.9	1,281.3	1,254.1	
Exports of U.S. merchandise, total @ (do).....do	349,650.5	375,454.2	29,523.0	34,333.6	31,109.2	32,078.3	32,424.6	29,257.8	30,153.4	30,028.5	33,755.3	32,249.6	31,461.3	31,526.2	31,122.2	
By commodity groups and principal commodities:																
Agricultural products, total (do).....do	40,003.9	38,783.4	3,459.9	3,986.8	3,291.7	3,202.7	3,178.7	2,714.6	2,893.5	2,734.4	3,031.7	3,456.2	3,116.7	3,164.7	3,434.9	
Nonagricultural products, total (do).....do	314,551.0	341,914.0	25,881.4	30,124.6	27,940.5	32,020.1	29,319.4	26,443.5	27,342.2	30,153.4	30,488.9	28,215.9	28,496.1	28,543.8	27,687.3	
Food and live animals # (do).....mil. \$.	29,723.8	29,280.0	2,392.7	2,718.6	2,470.0	2,520.2	2,527.7	2,432.5	2,497.1	2,190.6	2,453.3	2,473.5	2,083.9	2,126.5	2,538.6	
Beverages and tobacco (do).....do	5,509.8	7,118.6	478.8	614.8	594.4	613.3	510.9	486.0	549.7	533.3	766.4	744.4	776.7	765.0	646.6	
Crude materials, inedible, exc. fuels # (do).....do	26,946.7	26,984.9	2,313.3	2,774.2	2,291.7	2,168.8	2,230.8	1,915.6	2,153.6	1,957.0	2,121.8	2,291.5	2,238.8	2,289.2	2,358.1	
Mineral fuels, lubricants, etc. # (do).....do	9,865.3	12,174.8	766.3	964.1	843.6	866.3	869.0	831.2	1,057.3	1,176.0	1,299.5	1,393.9	1,216.2	1,205.7	1,304.7	
Oils and fats, animal and vegetable (do).....do	1,349.7	1,190.6	93.8	122.8	81.0	126.2	121.0	102.7	97.5	100.8	85.5	80.0	81.7	87.5	75.6	
Chemicals (do).....do	36,485.1	38,983.3	2,868.4	3,347.4	3,427.3	3,358.8	3,259.6	3,007.8	3,234.4	3,125.3	3,615.7	3,320.2	3,298.3	3,550.2	3,591.6	
Manufactured goods classified chiefly by material (do).....mil. \$.	27,242.8	31,670.3	2,408.3	2,767.6	2,655.6	2,696.5	2,665.9	2,499.7	2,619.6	2,579.8	2,921.8	2,774.0	2,520.1	2,812.7	2,753.6	
Miscellaneous manufactured articles (do).....do	32,637.5	39,285.3	2,819.3	3,570.9	3,241.5	3,314.9	3,293.5	3,279.8	3,187.0	3,319.9	3,495.5	3,326.6	3,336.0	3,287.5	3,209.3	
Machinery and transport equipment, total (do).....mil. \$.	148,799.9	172,521.9	14,145.5	16,083.5	14,401.0	15,177.5	15,740.7	13,505.2	13,592.8	13,779.5	15,410.8	13,877.6	14,020.0	14,269.0	13,216.5	
Machinery, total # (do).....do																
Transport equipment, total (do).....do																
Motor vehicles and parts (do).....do	23,610.2	26,656.3	2,263.1	2,822.6	2,477.8	2,518.0	2,602.9	1,722.6	1,956.2	1,985.2	2,523.8	2,210.8	1,533.2	2,167.5	1,880.0	
VALUE OF IMPORTS																
General imports, total @ (do).....do	473,210.9	494,903.2	37,130.4	42,081.7	38,711.5	40,602.6	40,653.0	41,238.3	42,178.9	41,059.1	48,100.5	43,684.9	39,152.4	40,167.3	37,136.8	
Seasonally adjusted † (do).....do			38,672.1	41,636.2	39,363.6	40,543.2	39,560.5	41,244.3	42,282.7	41,253.9	45,993.9	43,106.0	39,582.1	41,474.4	38,836.2	
Western Europe:																
European Economic Community (do).....do	101,763.6	108,901.1	8,113.7	9,608.6	8,340.2	9,053.0	8,818.5	9,804.2	8,692.3	8,128.9	10,617.1	9,735.9	8,734.7	8,360.0	8,154.5	
Belgium and Luxembourg (do).....do	4,555.0	4,578.5	348.5	447.6	394.5	372.5	333.8	481.2	285.9	347.7	468.9	389.1	342.0	349.5	323.8	
France (do).....do	13,013.4	13,124.0	937.2	1,086.2	1,074.8	1,053.8	1,085.2	1,216.7	951.1	996.8	1,461.0	1,149.3	1,037.7	1,066.3	1,027.0	
Federal Republic of Germany (do).....do	24,832.3	28,108.7	2,115.0	2,371.3	2,361.7	2,220.3	2,497.2	2,475.7	2,061.3	2,522.9	2,387.4	2,312.9	2,073.4	2,215.8		
Italy (do).....do	11,933.1	12,723.3	999.5	1,055.5	1,064.2	1,066.3	1,213.7	1,201.7	748.2	1,173.1	1,144.5	955.7	961.7	973.1		
Netherlands (do).....do	4,809.6	4,971.9	386.0	461.3	352.0	435.2	391.0	490.2	408.1	375.6	447.5	433.6	370.2	318.4	334.8	
United Kingdom (do).....do	18,319.1	20,288.2	1,506.9	1,659.2	1,506.4	1,660.0	1,529.6	1,615.9	1,511.8	1,711.4	2,183.2	1,971.4	1,789.8	1,559.0	1,427.2	
Eastern Europe:																
Union of Soviet Socialist Republics (do).....do	2,064.2	2,275.2	184.1	184.7	139.0	144.7	189.1	163.8	190.0	186.0	257.1	192.7	213.8	155.3	141.3	
Western Hemisphere:																
Canada (do).....mil. \$.	87,953.0	91,372.1	6,933.7	8,077.7	7,321.2	8,473.5	8,227.1	7,050.4	7,158.2	7,593.1	8,809.9	7,948.0	6,867.8	7,227.1	6,875.6	
Brazil (do).....do	8,410.0	7,976.4	604.6	639.6	674.7	676.2	747.3	691.0	579.1	770.8	536.0	631.6	673.2	553.8		
Mexico (do).....do	27,162.1	30,172.3	2,388.3	2,616.8	2,490.4	2,465.9	2,327.9	2,557.5	2,590.3	3,120.8	2,794.7	2,243.4	2,479.9	2,236.6		
Venezuela (do).....do	6,770.7	9,446.4	571.5	686.7	558.3	669.2	601.0	538.4	744.8	917.3	1,269.6	1,193.0	929.8	906.3	563.6	
Asia:																
China (do).....do	11,988.6	15,223.8	976.6	937.0	988.9	1,159.2	1,291.5	1,515.5	1,566.6	1,425.0	1,627.6	1,407.8	1,127.8	1,325.1	1,259.7	
Hong Kong (do).....do	9,738.7	9,488.0	580.3	645.7	644.0	740.8	786.3	942.9	916.4	826.7	1,007.9	808.4	678.3	806.5	616.7	
Japan (do).....do	93,585.8	89,655.1	6,887.7	7,843.3	7,553.3	6,701.7	7,251.1	7,136.3	7,697.8	7,046.7	8,703.3	8,138.7	7,809.3	7,231.4	7,422.2	
Republic of Korea (do).....do	19,741.8	18,493.3	1,308.9	1,339.0	1,525.9	1,545.9	1,583.6	1,727.4	1,717.0	1,514.5	1,721.9	1,507.9	1,345.9	1,501.3	1,177.9	
Saudi Arabia (do).....do	7,181.3	9,974.3	689.0	665.8	451.3	588.9	444.1	550.0	812.8	1,162.8	1,296.6	1,126.9	1,152.6	1,202.7	870.5	
Singapore (do).....do	8,949.7	9,839.4	683.3	790.0	782.0	730.2	874.0	883.4	879.7	874.4	885.0	844.0	838.8	795.3	690.7	
Taiwan (do).....do	24,325.7	22,666.8	1,570.0	1,801.9	1,821.7	1,893.5	1,846.7	2,025.0	2,119.6	1,905.9	2,076.1	1,833.1	1,712.4	1,877.9	1,695.3	
Africa:																
Nigeria (do).....do	5,226.4	5,977.2	452.8	586.3	483.7	605.0	401.8	390.6	400.9	518.7	643.3	420.6	405.0	468.5	422.1	
Republic of South Africa (do).....do	1,529.0	1,700.6	107.9	136.3	105.5	165.4	145.8	107.7	140.1	144.4	156.4	202.4	140.4	170.1	144.5	
Australia (do).....do	3,898.3	4,441.7	393.8	296.1	302.3	363.5	333.8	375.3	507.7	426.0	398.8	374.1	346.7	395.6	289.0	
OPEC (do).....do	30,601.0	38,017.0	2,968.6	3,170.1	2,452.2	2,805.1	2,347.7	2,584.8	3,284.9	3,792.6	3,975.5	3,814.1	3,187.3	3,297.9	2,580.0	
By commodity groups and principal commodities:																
Petroleum and products (do).....mil. \$.	49,623.9	61,356.8	4,768.2	4,774.4	3,799.2	4,369.8	3,757.3	4,038.6	4,867.5	6,224.8	7,298.9	6,358.0	5,209.7			

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

FOREIGN TRADE OF THE UNITED STATES—Continued

Indexes	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1991	Jan.	Feb.	Mar.
Exports of U.S. merchandise:																	
Unit value @ 1977=100	(²)																
Quantity	(³)																
Value	(³)																
General imports:																	
Unit value @	(³)																
Quantity	(³)																
Value	(³)																
Shipping Weight and Value																	
Waterborne trade:																	
Exports (incl. reexports):																	
Shipping weight.....thous. met. tons.	381,099		28,933	33,816	31,463	31,303	32,548	28,867	32,089	28,808	30,134	32,540					
Value.....mil. \$.	143,184		11,293	13,823	12,866	12,757	12,317	11,553	12,194	11,812	13,383	13,275					
General imports:																	
Shipping weight.....thous. met. tons.	493,864		39,796	41,923	38,616	44,274	43,044	45,042	41,398	40,086	43,776	37,951					
Value.....mil. \$.	270,633		21,415	23,449	22,150	22,737	22,719	23,532	24,705	23,255	28,009	24,901					

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1991	Jan.	Feb.	Mar.
Air Carriers																	
Certificated route carriers:																	
Passenger-miles (revenue).....bil.	482.71	457.92	31.81	38.55	36.84	37.51	41.74	44.37	47.09	36.81	37.80	34.79	36.18	33.50			
Passenger-load factor.....percent.	63.2	62.4	59.2	63.5	61.9	60.8	67.1	67.8	71.2	60.1	60.2	58.9	59.6	56.9			
Ton-miles (revenue), total.....mil.	55,458	58,395	4,062	4,915	4,617	4,721	5,086	5,478	5,782	4,749	4,943	4,608	4,710	4,242			
Operating revenues (quarterly) # \$.....mil. \$.	69,211			17,467			19,177										
Passenger revenues.....do.	53,727			13,479			14,973										
Cargo revenues.....do.	8,863			2,283			1,300										
Mail revenues.....do.	955			231			231										
Operating expenses (quarterly) \$.....do.	67,347			18,074			18,407										
Net income after taxes (quarterly) \$.....do.	101			-614			503										
Domestic operations:																	
Passenger-miles (revenue).....bil.	329.98	340.22	24.65	29.68	27.98	27.90	30.35	31.73	33.81	26.24	28.25	26.64	27.10	25.21			
Cargo ton-miles.....mil.	4,916	5,076	375	446	393	425	258	416	455	496	468	440	403	369			
Mail ton-miles.....do.	1,415	1,490	111	126	116	119	119	108	121	114	128	128	178	129			
Operating revenues (quarterly) \$.....mil. \$.	54,072			13,719			14,870										
Operating expenses (quarterly) \$.....do.	52,260			14,049			14,080										
Net income after taxes (quarterly) \$.....do.	315			-329			451										
International operations:																	
Passenger-miles (revenue).....bil.	102.74	117.70	7.15	8.87	8.86	9.60	11.40	12.59	13.28	10.57	9.55	8.15	9.08	8.28			
Cargo ton-miles.....mil.	5,359	5,524	362	448	385	389	455	480	456	476	523	508	445	358			
Mail ton-miles.....do.	464	514	34	40	37	37	38	37	40	41	45	53	67	37			
Operating revenues (quarterly) \$.....mil. \$.	¹ 15,076			3,748			4,307										
Operating expenses (quarterly) \$.....do.	¹ 15,019			4,025			4,327										
Net income after taxes (quarterly) \$.....do.	¹ -213			-285			52										
Urban Transit Industry																	
Passengers carried, total †.....mil.	8,195	8,962	704	805	743	769	730	704	746	732	817	755	712				
Motor Carriers																	
Carriers of property, large, class I, qtrly.:																	
Number of reporting carriers.....	100			100			100				100						
Operating revenues, total.....mil. \$.	¹ 19,750			4,964			5,366				5,621						
Net income, after extraordinary and prior period charges and credits.....mil. \$.	¹ 355			74			123				145						
Tonnage hauled (revenue), common and contract carrier service.....mil. tons.	¹ 175			44			46				43						
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																	
Common carriers of general freight, seas. adj. ††.....1967=100	168.5	174.9	169.9	173.4	174.0	176.2	173.8	179.0	183.4	174.2	182.6	177.3	163.7	¹ 180.3	174.9		
Class I Railroads ‡																	
Financial operations, quarterly (AAR), excluding Amtrak:																	
Operating revenues, total #.....mil. \$.	¹ 27,956			7,104			7,133				7,110						
Freight.....do.	¹ 27,059			6,875			6,912				6,891						
Passenger, excl. Amtrak.....do.	91			23			24				24						
Operating expenses.....do.	¹ 25,038			6,226			6,142				6,089						
Net railway operating income.....do.	1,896			751			700				710						
Ordinary income †.....do.	¹ 2,010			252			562				595						
Traffic:																	
Revenue ton-miles, qtrly. (AAR).....bil.	1,013.8	1,034.9		260.4			256.7				258.3			² 258.8	² 72.1	² 78.0	² 96.5
Producer Price Index, line haul operations.....12/84=100	106.4	107.5	107.1	107.1	107.1	107.1	107.1	107.1	107.3	107.3	108.3	¹ 108.5	108.6	108.5	108.8	109.7	
Travel																	
Lodging industry:																	
Restaurant sales index.....same month 1967=100	245		226	264	229	296	276	259	224								
Hotels: Average room sale ◊.....dollars	87.77		100.06	101.15	100.74	99.20	92.00	87.72	87.02								
Rooms occupied.....% of total	68		72	75	71	72	71	68	71								
Motor hotels: Average room sale ◊.....dollars	46.97		50.59	52.38	51.65	48.21	49.33	48.96	48.82								
Rooms occupied.....% of total	66		70	76	72	70	74	74	75								
Economy hotels: Average room sale ◊.....dollars	38.57		40.87	44.42	44.13	43.56	42.83	40.71	39.92								
Rooms occupied.....% of total	66		62	73	69	70	76	77	79								
Foreign travel:																	
U.S. citizens: Arrivals (quarterly).....thous.	¹ 18,120			4,469			4,994				6,022	² 1,513					
Departures (quarterly).....do.	¹ 17,603			4,059			5,237				5,562	² 1,397					
Aliens: Arrivals (quarterly).....do.	¹ 15,099			3,440			4,156				5,300	² 1,396					
Departures (quarterly).....do.	¹ 13,550			3,143			3,564				4,705	² 1,329					
Passports issued.....do.	3,691	³ 3,689	331	437	399	397	385	351	284	213	228	196	¹ 174	237	198	268	
National parks, recreation visits #.....do.	56,422	56,943	1,511	2,268	3,378	4,888	7,769	10,538	10,134	6,705	4,453	2,413	1,390				

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

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 ₂ O ₃)	thous. sh. tons	1,173	92	99	94	103	102	106	112	100	107	96				
Chlorine gas (100% Cl ₂)	do	11,160	897	887	901	942	904	921	922	919	891	861				
Hydrochloric acid (100% HCl)	do	2,628	233	200	201	204	194	188	169	164	186	179				
Phosphorus, elemental	do	365	28	32	30	29	28	28	29	29	31	31				
Sodium hydroxide (100% NaOH)	do	11,075	964	956	965	1,002	959	989	991	993	951	931				
Sodium silicate, anhydrous	do	873	79	87	73	58	75	59	75	77	79	81				
Sodium sulfate (100% Na ₂ SO ₄)	do	799	60	60	60	60	60	59	57	56	63	63				
Sodium tripolyphosphate (100% Na ₃ P ₃ O ₁₀)	do	580	47	35	36	45	35	50	47	53	44	46				
Titanium dioxide (composite and pure)	do	1,110	95	98	103	90	88	90	86	75	81	79				
Sulfur, native (Frasch) and recovered:																
Production	thous. met. tons	10,398	10,254	787	808	794	837	827	911	912	882	894	868	887		
Stocks (producers' end of period)	do	1,302	1,422	1,292	1,188	1,111	1,102	1,152	1,177	1,191	1,287	1,381	1,371	1,422		
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡	thous. sh. tons	16,862	16,958	1,375	1,506	1,415	1,439	1,341	1,399	1,395	1,334	1,418	1,427	1,471		
Ammonium nitrate, original solution ‡	do	7,871	7,107	606	697	643	618	568	492	495	520	566	602	610		
Ammonium sulfate ‡	do	2,347	2,495	208	212	228	232	190	208	214	205	191	193	214		
Nitric acid (100% HNO ₃) ‡	do	8,349	7,749	661	729	680	689	625	555	561	615	633	656	639		
Nitrogen solutions (100% N) ‡	do	2,913	2,853	233	247	253	254	236	205	206	223	235	238	265		
Phosphoric acid (100% P ₂ O ₅) ‡	do	11,737	12,175	981	1,016	1,019	1,026	956	1,048	1,033	1,029	1,037	1,037	1,063		
Sulfuric acid (100% H ₂ SO ₄) ‡	do	43,301	44,281	3,424	3,731	3,825	3,759	3,534	3,797	3,776	3,750	3,655	3,609	3,784		
Superphosphate and other phosphatic fertilizers (gross weight):																
Production	thous. sh. tons	18,128	18,887	1,388	1,642	1,609	1,555	1,439	1,576	1,576	1,576	1,667	1,631	1,700		
Stocks, end of period	do	942	738	851	732	644	723	642	603	564	604	663	784	738		
Potash, sales (K ₂ O)	do	5,745	5,700	365	454	709	631	327	275	663	308	418	441	549	602	327
Imports:																
Ammonium nitrate	thous. met. tons	411														
Ammonium sulfate	do	307														
Potassium chloride	do	5,498														
Sodium nitrate	do	150														
Industrial Gases																
Production:																
Acetylene	mil. cu. ft.	5,445	5,335	487	436	420	464	397	437	494	444	485	441	449		
Hydrogen (high and low purity)	do	207,806	187,929	16,220	15,882	15,461	15,583	16,550	16,947	16,646	14,956	14,157	14,972	15,266		
Nitrogen (high and low purity)	do	744,068	791,020	62,291	68,024	64,634	65,570	63,119	65,385	66,776	65,145	67,391	68,293	67,883		
Oxygen (high and low purity)	do	451,802	470,582	36,692	40,676	39,216	39,386	38,541	38,890	41,054	40,109	41,492	38,878	38,243		
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin)	thous. met. tons	8.6	12.8		1.6			3.1			2.5			3.8		
Ethyl acetate	do	129.8	124.3		28.5			28.2			33.3			33.0		
Formaldehyde (37% HCHO)	do	2,890.5	2,908.5		690.3			748.7			790.9			738.5		
Glycerin, refined, all grades	mil. lb.	293.3	286.5	25.8	28.4	23.2	25.4	25.3	23.6	16.6	21.2	25.9	25.7	21.6		
Methanol, synthetic	thous. met. tons	3,237.7	3,622.2		753.0			992.7			952.8			923.7		
Phthalic anhydride	do	499.6	426.7		104.1			118.4			107.5			96.3		
ALCOHOL																
Ethyl alcohol and spirits:																
Production	mil. tax gal.	960.1		78.9	89.5	88.8	90.4	78.6	94.1							
Stocks, end of period	do	54.3		39.5	39.9	42.5	44.1	42.5	50.1							
Denatured alcohol:																
Production	mil. wine gal.	514.3		45.4	46.2	47.8	46.2	48.7								
Consumption (withdrawals)	do	502.2		62.7	58.3	54.9	52.2	55.4	48.6							
For fuel use	do	200.5		37.2	29.2	24.1	24.5	24.5	21.4							
Stocks, end of period	do	24.5		23.1	13.9	14.9	13.6	9.7	9.6							

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

CHEMICALS AND ALLIED PRODUCTS—Continued

PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....thous. met. tons																
Polyethylene and copolymers.....do	7,701.6	8,550.5		1,941.9				2,077.4					2,141.3			2,277.8
Polypropylene.....do	3,004.5	3,524.7		828.9				840.0					981.1			874.6
Polystyrene and copolymers.....do																
Polyvinyl chloride and copolymers.....do	5,004.6	4,112.9		1,029.1				1,073.6					1,007.3			1,003.1
PAINTS, VARNISH, AND LACQUER †																
Total shipments.....mil. \$	11,321.2	11,608.9	881.1	1,020.4	1,035.1	1,076.3	1,077.2	1,032.7	1,084.3	950.6	1,032.4	843.6	721.9			
Architectural coatings.....do	4,713.6	4,901.2	363.1	442.1	442.0	469.4	469.0	465.7	471.7	389.7	402.5	334.9	303.4			
Product coatings (OEM).....do	4,236.9	4,083.1	316.2	364.0	353.2	370.9	359.0	323.1	365.4	348.6	391.5	320.7	264.9			
Special purpose coatings.....do	2,370.7	2,624.7	201.8	214.3	240.0	235.9	249.2	243.9	247.1	212.3	238.4	188.1	153.6			

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw.-hr.	2,780,775		212,717	225,716	210,796	222,563	248,895	266,220	268,186	237,668	224,686	213,584				
By fuels.....do	2,515,714		188,556	197,668	185,404	195,560	221,259	242,564	247,189	220,699	206,081	193,591				
By waterpower.....do	265,061		24,162	28,048	25,398	27,002	27,634	23,656	21,046	16,969	18,603	19,992				
Sales to ultimate customers, total (Edison Electric Institute).....mil. kw.-hr.																
Commercial \$.....do	2,560,087			654,492			627,551			731,098						
Industrial \$.....do	698,518			173,215			177,148			207,157						
Railways and railroads.....do	887,474			220,221			227,655			239,405						
Residential or domestic.....do	5,127			1,372			1,271			1,304						
Street and highway lighting.....do	884,884			236,436			199,176			260,423						
Other public authorities.....do	14,537			3,908			3,456			3,518						
Interdepartmental.....do	65,063			18,194			17,747			18,323						
Revenue from sales to ultimate customers (Edison Electric Institute).....mil. \$	4,483			1,145			1,097			967						
GAS ◊																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total @.....thous.																
Residential.....do																
Commercial.....do																
Industrial @.....do																
Other.....do																
Sales to customers, total.....tril. Btu.																
Residential.....do																
Commercial.....do																
Industrial.....do																
Electric generation.....do																
Other.....do																
Revenue from sales to customers, total.....mil. \$																
Residential.....do																
Commercial.....do																
Industrial.....do																
Electric generation.....do																
Other.....do																

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	199.14		15.74	17.97	17.47	18.10	18.58	18.24	18.96							
Taxable withdrawals.....do	179.50		13.38	15.89	15.23	16.91	16.89	17.00	17.40							
Stocks, end of period.....do	14.60		14.28	14.49	15.10	14.91	14.98	14.57	14.24							
Distilled spirits (total):																
Production.....mil. tax gal.	112.89		10.14	10.32	9.88	*10.01	8.14	5.25								
Consumption, apparent, for beverage purposes.....mil. wine gal.	371.46		26.32	28.88	28.64	30.84	31.82									
Stocks, end of period.....mil. tax gal.	426.67		431.12	430.17	435.29	*435.06	428.40									
Imports.....mil. proof liters.	*368.54															
Whisky:																
Production.....mil. tax gal.	77.88		7.95	8.10	7.65	*7.83	3.03									
Stocks, end of period.....do	363.85		373.72	374.87	378.53	*378.58	375.00									
Imports.....mil. proof liters.	*223.97															
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	29.57		2.09	1.70	1.42	1.56	1.55	2.33	3.88	2.26						
Taxable withdrawals.....do	26.83		.97	1.30	1.52	1.83	1.64	1.27	2.20	2.73						
Stocks, end of period.....do	15.84		18.76	19.13	18.30	18.75	19.50	19.83	21.91	22.18						
Imports.....mil. liters.	*54.96															
Still wines:																
Production.....mil. wine gal.	410.04		5.87	7.11	6.01	5.60	3.06	5.58	31.03	183.44						
Taxable withdrawals.....do	411.23		29.64	37.04	35.33	38.42	39.08	32.76	33.14	32.38						
Stocks, end of period.....do	582.16		585.87	571.07	584.33	572.32	429.97	412.27	436.40	542.55						
Imports.....mil. liters.	*242.05															
Distilling materials produced at wineries.....mil. wine gal.																
	114.11		3.46	2.48	3.52	3.56	4.48	2.00	16.08	22.42						

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
DAIRY PRODUCTS																	
Butter:																	
Production (factory).....mil. lb.	1,278.5		127.3	136.2	125.6	121.6	95.9	85.1	88.8	84.8	105.0	111.0	116.5	142.1			
Stocks, cold storage, end of period.....do	256.2	416.1	293.8	385.4	358.8	399.6	420.0	420.8	427.9	412.3	413.8	407.6	416.1	470.8	526.9		
Producer Price Index.....1982=100	88.0	71.3	74.1	74.1	74.3	67.2	68.4	70.8	70.1	70.5	70.5	70.6	70.6	67.2	68.1	68.2	
Cheese:																	
Production (factory), total.....mil. lb.	5,613.9		471.9	530.0	515.0	545.4	528.8	502.6	487.8	476.7	503.8	488.9	515.9	501.7			
American, whole milk.....do	2,672.6		239.8	255.2	249.9	264.6	252.5	236.4	229.3	220.5	236.9	235.4	251.6	247.1			
Stocks, cold storage, end of period.....do	328.0	457.8	374.9	395.8	413.4	441.6	465.0	484.6	475.7	459.9	445.4	437.3	457.8	473.8	453.1		
American, whole milk.....do	234.8	347.2	271.1	291.8	300.8	322.1	335.9	360.6	358.8	343.7	338.3	334.4	347.2	360.8	339.0		
Imports.....thous. met. tons	*126.6																
Price, wholesale, cheddar, single daisies (Chicago).....\$ per lb.																	
Condensed and evaporated milk:																	
Production, case goods.....mil. lb.	525.1		46.0	53.9	46.9	50.3	53.7	49.3	50.8	46.9	49.1	47.8	44.4	45.1			
Stocks, manufacturers', case goods, end of period.....do	26.6	58.1	65.8	84.5	89.5	88.9	97.3	101.1	104.5	101.9	84.2	71.7	58.1	73.9			
Exports.....thous. met. tons	*13.8																
Fluid milk:																	
Production on farms †.....mil. lb.	122,531	125,714	9,722	10,986	10,818	11,252	10,719	10,691	10,476	9,973	10,223	9,998	10,467	10,663	9,948	11,129	
Utilization in manufactured dairy products.....do	85,714		7,182	7,943	7,950	8,425	7,905	7,546	7,272	6,847	7,220	7,170	7,190	7,170	7,170	7,150	
Price, wholesale, U.S. average.....\$ per 100 lb.	13.29	13.75	14.40	13.90	13.40	13.50	13.80	14.10	14.30	14.20	13.20	12.80	11.90	11.70	11.70	11.50	
Dry milk:																	
Production:																	
Dry whole milk.....mil. lb.	175.8		12.9	10.9	17.1	14.0	15.6	13.6	12.3	11.2	11.6	11.0	8.6	8.6			
Nonfat dry milk (human food).....do	874.7		71.1	77.4	90.0	95.1	83.3	72.7	62.9	50.6	55.2	71.1	79.0	82.6			
Stocks, manufacturers', end of period:																	
Dry whole milk.....do	13.0	11.2	16.2	15.2	17.4	16.0	16.5	14.9	12.2	13.9	11.6	11.3	11.2	10.7			
Nonfat dry milk (human food).....do	49.4	114.6	57.0	59.2	62.4	70.3	92.6	107.8	122.6	115.3	115.1	114.8	114.6	106.1			
Exports, whole and nonfat (human food).....thous. met. tons	*157.1																
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.993		.843	.798	.927	1.072	1.118	1.087	1.063	.910	.883	.863	.855	.845			
GRAIN AND GRAIN PRODUCTS																	
Exports (barley, corn, oats, rye, wheat).....mil. bu.	(⁶)																
Barley:																	
Production (crop estimate).....mil. met. tons	*8,800	*9,119															
Stocks (domestic), end of period, total.....do	*7,634	*6,656	5,502			*3,501			8,945		*6,656			4,581			
On farms.....do	*4,059	*3,841	2,239			*1,058			5,626		3,841			2,059			
Off farms.....do	*3,574	*2,816	3,263			*2,443			3,319		*2,816			2,522			
Exports, including malt \$.....thous. met. tons	*1,841.8																
Producer Price Index, No. 2 feed, Minneapolis.....1982=100	117.9	117.0	114.9	116.5	121.2	121.7	126.9	118.1	104.5	101.3	110.2	113.9	136.6	108.7	112.8	112.8	
Corn:																	
Production (crop estimate, grain only).....mil. met. tons	*191.16	*201.51															
Stocks (domestic), end of period, total.....do	*179.89	*176.29	122.24			*72.22			34.15		*176.29			121.64			
On farms.....do	*119.36	*123.80	73.98			*41.24			19.17		123.80			77.34			
Off farms.....do	*60.54	*52.49	48.31			*30.98			14.98		*52.49			43.80			
Exports, including meal and flour.....do	*56.66																
Producer Price Index, No. 2, Chicago.....1982=100	102.4	100.9	96.9	99.2	108.8	113.5	116.4	112.6	100.2	94.9	90.8	89.9	93.4	93.7	95.3	101.9	
Oats:																	
Production (crop estimate).....mil. met. tons	*5,423	*5,184															
Stocks (domestic), end of period, total.....do	*1,427					*2,278											
On farms.....do	*870					*1,203											
Off farms.....do	*557					*1,075											
Exports, including oatmeal.....metric tons	*58,387																
Producer Price Index, No. 2, Minneapolis.....1982=100	107.1	76.1	79.8	83.5	82.4	88.2	81.9	74.0	66.0	64.5	68.4	67.6	68.2	63.9	63.4	68.7	
Rice:																	
Production (crop estimate).....mil. met. tons	*7,007	*7,027															
Southern States mills:																	
Receipts, rough, from producers.....mil. lb.	12,918	10,351	951	547	299	345	235	243	555	2,401	2,150	828	677				
Shipments from mills, milled.....do	8,061	6,942	583	713	579	496	490	433	510	616	785	557	586				
rice.....do	2,741	2,106	2,380	1,800	1,468	1,285	1,107	810	697	1,618	2,276	2,271	2,106				
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.																	
Exports.....thous. met. tons	*3,024																
Producer Price Index, medium grain, milled.....1982=100	107.9	102.4	107.7	107.5	108.3	106.6	104.0	103.9	104.0	97.6	94.0	94.2	94.2	96.1	105.8	110.8	
Rye:																	
Production (crop estimate).....mil. met. tons	*347	*256															
Producer Price Index, No. 2, Minneapolis.....1982=100	69.1	66.5	64.5	64.8	71.8	68.9	68.1	62.1	65.9	64.5	63.0	65.2	65.9	74.7	71.8		
Wheat:																	
Production (crop estimate), total.....mil. met. tons	*55.43	*74.53															
Spring wheat.....do	*13.84	*19.19															
Winter wheat.....do	*39.59	*55.34															
Distribution, quarterly @.....do	64.04		13.17			13.82											
Stocks (domestic), end of period, total.....do	*38.71	*51.93	25.67			*14.60			65.58		*51.93			37.98			
On farms.....do	*16.11	*20.77	10.23			*5.78			27.22		*20.77			14.50			
Off farms.....do	*22.60	*31.16	15.43			*8.82			38.36		*31.16			23.48			
Exports, total, including flour.....do	*37.87																
Wheat only.....mil. bu.	(⁶)																

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
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	109.1	86.3	102.7	98.6	101.9	94.3	95.4	78.1	71.8	71.8	71.9	70.4	70.1	65.6	68.2	74.3	
Hard red spring, No. 1, ord. protein (Minn.) 1982=100	108.7	91.1	104.7	99.7	108.4	108.7	102.2	93.7	77.6	75.7	75.3	73.8	73.8	71.5	73.7	77.7	
Wheat flour:																	
Production:																	
Flour.....thous. sacks (100 lb.)	328,500	362,843	27,963	29,213	26,958	27,634	26,719	27,711	33,381	29,833	33,171	33,084	*28,660	29,560			
Millfeed.....thous. sh. tons	5,828	6,128	493	512	478	492	468	485	565	512	573	565	*490,418	517,493			
Grindings of wheat.....thous. bu.	731,338	795,593	64,038	66,725	61,567	63,566	60,572	62,258	74,373	67,093	74,690	73,463	*64,043	66,728			
Stocks held by mills, end of period.....thous. sacks (100 lb.)	5,207	*6,288		5,072			5,218							*6,288			
Exports.....thous. met. tons	*1,195.53																
Producer Price Index.....6/83=100	110.5	100.2	109.0	106.9	108.8	107.9	106.0	99.7	98.4	92.0	91.2	89.4	89.9	88.9	90.1	92.3	
POULTRY AND EGGS																	
Poultry:																	
Slaughter.....mil. lb.																	
Stocks, cold storage (frozen), end of period, total.....mil. lb.	22,144		1,717	2,029	1,872	2,075	1,951	1,963	2,186	1,836	2,300	2,054	1,794	2,108	1,840		
Turkeys.....mil. lb.	469	562	519	569	621	667	752	800	846	855	862	582	562	*551	608		
Price, in Georgia producing area, live broilers.....\$ per lb.	236	306	276	318	355	406	481	542	593	624	625	338	306	301	342		
Eggs:																	
Production on farms.....mil. cases \$.	.352	.311	.305	.350	.315	.335	.330	.370	.310	.335	.270	.265	.270	.290	.280	.295	
Stocks, cold storage, end of period:																	
Shell.....thous. cases \$.	186.8	188.4	14.3	16.2	15.6	16.0	15.4	15.9	15.9	15.4	16.0	15.9	16.3	16.1	14.7		
Frozen.....mil. lb.	12	15	16	23	20	21	22	29	19	18	11	16	15	17	11		
Price, wholesale, large (delivered; Chicago) \$ per doz.	14	15	15	17	17	17	18	17	17	16	17	17	15	15	14		
	.777		.751	.861	.786	.603	.669	.642	.739	.754	.800	.800	.831	.860	.720	.858	
LIVESTOCK																	
Cattle and calves:																	
Slaughter (federally inspected):																	
Calves.....thous. animals	2,100	1,742	144	165	128	137	131	139	147	132	158	149	136	151	121	120	
Cattle.....do	33,010	32,391	2,436	2,690	2,550	2,920	2,873	2,796	2,918	2,553	2,877	2,622	2,380	2,808	2,407	2,441	
Prices, wholesale:																	
Beef steers (Omaha).....\$ per 100 lb.	72.52		76.61	78.15	79.36	77.57	75.63	74.46	76.22	75.75							
Steers, stocker and feeder (Kansas City).....do	81.45		82.86	87.50	90.81	91.90	94.74	93.50	92.30	91.50							
Calves, wealers (So. St. Paul).....dollars	248.62		255.00														
Hogs:																	
Slaughter (federally inspected).....thous. animals	86,328	82,901	6,635	7,279	6,785	6,799	6,153	5,983	7,110	6,716	7,546	7,334	7,140	7,461	6,469	7,044	
Prices:																	
Wholesale, average, all weights (Sioux City) \$ per 100 lb.	43.91		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).....	17.3	22.5	20.8	21.6	21.4	23.4	22.9	23.2	22.3	23.4	25.9	23.1	21.5	22.0	22.5	22.0	
Sheep and lambs:																	
Slaughter (federally inspected).....thous. animals	5,295	5,469	431	481	466	465	426	430	463	422	490	465	449	495	449	546	
Price, wholesale, lambs, avg. (San Angelo, TX) \$ per 100 lb.	66.06		60.38	63.69	54.75	53.70	48.00			52.00							
MEATS																	
Total meats (excluding lard):																	
Production.....mil. lb.	39,418	38,606	2,971	3,259	3,049	3,321	3,175	3,101	3,430	3,095	3,498	3,273	3,080	3,427	2,954	3,083	
Stocks, cold storage, end of period.....do	535	566	604	631	650	629	591	565	507	507	537	535	566	*555	606		
Exports (meats and meat preparations).....thous. met. tons	*1,301																
Imports (meats and meat preparations).....do	*1,110																
Beef and veal:																	
Production, total.....mil. lb.	23,319	22,950	1,730	1,898	1,770	2,032	2,006	1,970	2,091	1,841	2,075	1,870	1,708	1,999	1,720	1,796	
Stocks, cold storage, end of period.....do	256	306	272	309	298	275	262	271	247	249	273	283	306	308	278		
Exports.....thous. met. tons	*568																
Imports.....do	*682																
Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb.	1.078		1.128	1.136	1.147	1.143	1.122										
Lamb and mutton:																	
Production, total.....mil. lb.	342	357	29	32	31	31	27	27	30	27	32	30	30	33	30	36	
Stocks, cold storage, end of period.....do	8	8	8	8	8	8	10	10	9	9	8	8	8	9	10		
Pork (excluding lard):																	
Production, total.....do	15,757	15,299	1,213	1,329	1,248	1,257	1,142	1,103	1,310	1,228	1,392	1,373	1,342	1,396	1,204	1,301	
Stocks, cold storage, end of period.....do	256	234	304	295	320	320	293	256	225	226	232	221	234	248	292		
Exports.....thous. met. tons	*152																
Imports.....do	*358																
Prices:																	
Producer Price Index, hams and picnics, except canned *.....12/88=100	99.7		107.0	111.0	108.9	112.8	116.4	119.9	123.5	122.2	129.6	133.3	130.7				
Fresh loins, 8-14 lb. average, wholesale (Omaha) *.....\$ per lb.	1.0111		1.0775	1.1726	1.2668	1.3606	1.2562	1.4414	1.2494	1.2163							
MISCELLANEOUS FOOD PRODUCTS																	
Cocoa (cacao) beans, imports (including shells).....thous. met. tons																	
	*266.1																
Coffee:																	
Imports, total.....metric tons																	
From Brazil.....do	*1,162,990																
U.S. Import Price Index.....1985=100	69.2			59.2			57.8			63.1			57.4				
Fish:																	
Stocks, cold storage, end of period.....mil. lb.																	
	430		354	322	320	327	337	334	347	369	356						

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.

MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar:																
Exports, raw and refined.....metric tons..	\$412,044															
Imports, raw and refined.....thous. met. tons..	\$1,542															
Producer Price Indexes:																
Raw (cane).....1982=100..	115.5	119.2	117.9	118.8	120.3	119.7	119.3	119.6	119.6	119.3	119.8	*119.5	117.2	114.5	111.4	113.4
Refined.....do..	118.2	122.7	123.2	121.7	122.4	122.5	122.8	123.2	122.6	123.1	123.0	*122.7	122.9	122.9	122.8	122.5
Tea, imports.....metric tons..	\$85,257															
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb..	\$1,367	\$1,607														
Stocks, dealers' and manufacturers', end of period.....do..	3,803			3,624				3,247			3,463					
Exports, incl. scrap and stems.....metric tons..	\$224,382															
Imports, incl. scrap and stems.....do..	\$180,286															
Manufactured products:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions..			12,234	15,815	13,726	14,229	14,366	11,909	15,286							
Taxable.....do..			41,157	48,496	45,315	47,205	45,897	39,790	49,893							
Cigars (large), taxable.....do..			157	189	172	205	222	164,450	210,822							
Exports, cigarettes.....do..	\$41,755															

LEATHER AND PRODUCTS

LEATHER																
Exports:																
Upper and lining leather.....thous. sq. ft..																
Producer Price Index, leather.....1982=100..	170.4	177.6	178.0	177.7	179.5	181.2	179.6	179.0	177.3	176.5	175.4	174.9	174.7	174.8	175.2	173.1
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs..	210,490	201,648	17,186	18,492	16,669	18,918	16,734	14,274	18,844	16,531	18,221	15,359	12,596			
Shoes, sandals, and play shoes, except athletic.....thous. pairs..			11,677	12,475	11,450	12,676	11,019	10,357	13,177	11,319	(*)	10,381	8,808			
Slippers.....do..	57,534	41,184	3,812	4,329	3,579	4,050	3,440	2,183	3,514	3,616	3,694	3,208	1,946			
Athletic.....do..			1,697	1,688	1,640	2,192	2,275	1,734	2,153	1,640	(*)	1,770	1,842			
Other footwear.....do..	3,680	3,405	374	323	347	381	337	156	291	309	(*)	261	291			
Exports.....do..																
Producer Price Indexes:																
Men's leather upper, dress and casual 1982=100..																
	127.5	135.8	135.4	136.5	136.4	136.4	134.3	134.4	135.7	135.7	137.3	137.3	138.0	138.4	140.1	140.3
Women's leather upper.....do..	116.2	120.9	120.0	120.0	119.9	121.3	121.3	121.3	121.5	121.4	121.7	*121.9	121.8	121.9	122.3	123.9
Women's plastic upper.....do..	110.0	113.4	114.3	114.3	114.2	114.3	114.3	113.4	113.2	113.9	113.9	110.9	110.9	110.7	110.7	113.5

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total.....mil. bd. ft..	\$58,749	\$54,638	3,862	4,300	4,121	4,084	3,944	3,976	4,060	3,602	4,015	3,412	*2,914	3,359		
Hardwoods.....do..	\$10,869	\$9,480	868	939	866	936	839	870	1,025	886	961	857	736	851		
Softwoods.....do..	\$47,880	\$45,159	2,994	3,361	3,255	3,148	3,105	3,106	3,035	2,716	3,054	2,555	*2,178	2,508		
Shipments, total.....do..	\$49,003	\$46,083	3,870	4,317	4,173	3,952	4,176	3,912	3,987	3,453	3,890	3,357	*2,373	3,073		
Hardwoods.....do..	\$11,347	\$10,102	874	954	858	887	871	754	828	794	846	789	624	755		
Softwoods.....do..	\$37,656	\$35,981	2,996	3,363	3,315	3,065	3,305	3,158	3,059	2,659	3,044	2,568	*2,249	2,323		
Stocks (gross), mill, end of period, total.....do..																
Hardwoods.....do..																
Softwoods.....do..	4,898	4,734	5,022	5,020	4,961	5,043	4,831	4,783	4,752	4,810	4,834	4,809	4,734	4,925		
Exports, total sawmill products.....do..																
Imports, total sawmill products.....thous. m ³ ..	\$64,355															
SOFTWOODS																
Douglas fir:																
Orders, new.....mil. bd. ft..	9,552	9,032	766	945	808	783	875	704	609	736	695	615	565	633	664	
Orders, unfilled, end of period.....do..	501	452	530	559	527	537	559	546	420	473	431	432	452	437	434	
Production.....do..	9,620	8,978	779	912	845	785	780	707	734	680	722	605	496	689	673	
Shipments.....do..	9,687	9,081	796	916	840	773	855	717	735	683	737	614	545	643	667	
Stocks (gross), mill, end of period.....do..	809	716	849	845	850	862	803	793	792	789	774	765	716	757	463	
Exports, total sawmill products.....thous. m ³ ..	\$2,781															
Sawed timber.....do..	\$335															
Boards, planks, scantlings, etc.....do..	\$2,450															
Producer Price Index, Douglas fir, dressed 1982=100..	151.6	138.0	144.8	146.7	149.5	141.8	137.4	143.2	139.9	136.1	126.8	*125.3	127.3	129.4	127.0	125.0

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	LUMBER AND PRODUCTS—Continued																
SOFTWOODS—Continued																	
Southern pine:																	
Orders, new.....mil. bd. ft.	12,366	12,705	985	1,155	1,098	1,015	1,233	1,251	1,024	881	1,181	890	859	706			
Orders, unfilled, end of period.....do	635	692	689	784	709	685	739	733	670	643	687	653	692	665			
Production.....do	12,544	12,787	1,006	1,080	1,121	1,091	1,142	1,239	1,114	990	1,147	947	867	784			
Shipments.....do	12,567	12,646	1,006	1,069	1,166	1,037	1,176	1,264	1,092	901	1,136	929	815	737			
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	2,050	2,190	2,039	2,050	2,006	2,058	2,027	2,006	2,021	2,111	2,135	2,143	2,190	2,242			
Exports, total sawmill products.....cu. meters.	1,206,526																
Producer Price Index, southern pine, dressed.....1982=100	108.0	111.0	110.0	112.4	116.8	119.5	116.0	116.3	114.0	110.5	104.0	104.7	101.8	103.1	99.3	103.5	
Western pine:																	
Orders, new.....mil. bd. ft.	11,143	10,600	881	1,084	889	859	1,004	817	885	776	874	713	693	702	712		
Orders, unfilled, end of period.....do	506	483	610	652	591	535	582	531	506	502	510	454	483	472	470		
Production.....do	11,229	10,414	893	1,028	951	922	876	852	876	756	869	749	609	761	740		
Shipments.....do	11,174	10,623	899	1,042	950	915	957	868	910	780	866	769	664	713	714		
Stocks (gross), mill, end of period.....do	1,402	1,155	1,443	1,429	1,430	1,437	1,302	1,285	1,251	1,227	1,230	1,210	1,155	1,203	1,229		
Producer Price Index, other softwood, dressed.....1982=100	127.1	126.3	128.2	129.9	132.7	131.3	129.0	127.7	125.7	125.5	120.9	119.8	119.0	119.2	118.8	122.1	
HARDWOOD FLOORING																	
Oak:																	
Orders, unfilled, end of period.....mil. bd. ft.	9.5	8.3	14.9	15.9	16.3	16.5	15.4	15.5	13.0	11.9	8.2	9.2	8.3	8.2	8.1	9.5	
Shipments.....do	206.5	205.3	16.1	19.9	16.4	18.7	18.5	15.4	19.2	18.7	17.1	15.2	14.2	14.3	15.1	18.7	
Stocks (gross), mill, end of period.....do	7.6	10.0	8.3	6.6	7.1	7.1	7.4	7.2	7.9	7.9	9.3	9.6	10.0	12.2	11.4	10.0	

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons	4,578	4,303	313	365	335	352	318	302	269	344	425	494	412	439	486	
Scrap.....do	13,305	12,765	1,137	1,045	1,274	1,193	1,164	1,086	1,032	792	1,232	868	826	732	851	
Pig iron.....do	12	16	1	2	(⁹)	(⁹)	3	3	(⁹)	2	1	1	1	1	1	
Imports:																
Steel mill products.....do	17,321	17,162	1,111	1,120	1,313	1,456	1,466	1,591	1,629	1,381	1,513	1,598	1,552	1,655	1,291	
Scrap.....do	1,120	1,424	73	91	96	118	145	118	130	88	170	162	160	81	92	
Pig iron.....do	488	383	15	47	26	58	9	25	65	20	31	52	28	56	70	
Iron and Steel Scrap																
Production.....thous. sh. tons	25,454	25,445	2,074	2,134	2,045	2,236	2,210	2,015	2,141	2,142	2,138	2,007	1,803			
Receipts, net.....do	46,731	43,673	3,553	3,797	3,659	3,787	4,142	3,568	3,754	3,600	3,807	3,584	3,117			
Consumption.....do	73,105	70,223	5,709	6,138	6,014	6,212	6,366	5,601	5,993	5,797	5,886	5,567	5,086			
Stocks, end of period.....do	4,620	4,397	4,439	4,296	4,105	4,083	4,079	4,125	4,130	4,171	4,177	4,385	4,397			
Composite price, No. 1 heavy melting scrap: American Metal Market.....\$ per long ton	107.30	107.15	102.96	100.02	106.05	110.93	107.65	105.70	114.33	112.59	110.63	107.33	104.83			
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. met. tons	59,032	55,463	4,572	4,522	4,741	5,067	5,333	5,777	4,274	4,235	4,069	3,677	4,646			
Shipments from mines.....do	58,299	55,266	1,378	1,976	5,123	6,299	6,162	6,849	5,273	5,053	5,140	4,540	5,452			
Imports.....do	19,596		1,023	691	1,157	1,550	1,743	2,144	1,669	1,848	2,010	2,075				
U.S. and foreign ores and ore agglomerates: Receipts at iron and steel plants																
thous. met. tons	71,156	73,797	2,508	3,128	5,936	7,095	7,490	8,205	8,163	7,080	7,521	6,923	6,347	3,220		
Consumption at iron and steel plants.....do	73,059	73,681	5,385	6,079	6,056	6,215	6,390	6,573	6,867	6,200	6,353	6,075	5,436	5,296		
Exports (domestic).....do	5,365		250	3	565	586	662	585	168	21	85	151				
Stocks, total, end of period.....do	22,476	22,978	21,986	20,958	20,609	20,501	21,019	21,863	22,110	22,268	22,027	22,042	22,978			
At mines.....do	4,575	4,795	10,296	12,810	12,436	11,206	10,377	9,287	8,277	7,461	6,398	5,535	4,795			
At furnace yards.....do	15,730	15,910	10,265	7,313	7,246	8,091	9,234	10,748	12,045	12,929	14,116	14,969	15,910	13,820		
At U.S. docks.....do	2,171	2,273	1,425	835	927	1,204	1,408	1,828	1,788	1,878	1,513	1,538	2,273			
Manganese (manganese content), general imports.....do																
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys).....thous. sh. tons	55,873	54,925	4,221	4,681	4,549	4,746	4,580	4,656	4,788	4,629	4,673	4,523	4,264	4,077	3,470	4,047
Consumption.....do	56,335	55,137	3,993	4,319	4,630	4,768	4,682	4,650	4,788	4,630	4,745	4,541	4,197			
Stocks, end of period.....do	303	143	233	224	217	217	213	230	206	198	194	182	143			
Castings, gray and ductile iron: Shipments, total.....thous. sh. tons	7,490															
For sale.....do	5,323															
Castings, malleable iron: Shipments, total.....do	283															
For sale.....do	129															

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	METALS AND MANUFACTURES—Continued																
Steel, Raw and Semifinished																	
Steel (raw):																	
Production.....thous. sh. tons..	97,943	98,015	7,624	8,505	8,209	8,529	8,142	8,101	8,452	8,094	8,424	8,021	7,422	7,577	6,705	7,283	
Rate of capability utilization.....percent..	84.5	84.0	85.1	85.7	85.2	85.7	84.5	82.0	85.5	84.6	85.1	83.8	75.0	74.6	73.1	71.7	
Steel castings:																	
Shipments, total.....thous. sh. tons..	1,137																
For sale, total.....do.....	1,122																
Steel Mill Products																	
Steel products, net shipments:																	
Total (all grades).....thous. sh. tons..	84,100	84,981	6,502	7,569	7,023	7,523	7,493	6,890	7,366	6,593	7,643	6,987	6,187	6,786	6,039		
By product:																	
Semifinished products.....do.....	6,236	6,313	452	555	515	538	561	479	488	486	548	546	446	533	550		
Structural shapes (heavy), steel piling.....do.....	5,355	6,093	432	472	503	500	526	520	557	517	532	494	474	506	470		
Plates.....do.....	7,384	7,945	630	695	684	718	708	657	694	630	660	680	586	675	551		
Rails and accessories.....do.....	562	519	45	54	38	39	40	32	34	35	46	44	37	44	52		
Bars and tool steel, total.....do.....	14,171	14,727	1,200	1,347	1,240	1,351	1,322	1,256	1,284	1,232	1,314	1,199	1,006	1,107	1,051		
Bars: Hot rolled (including light shapes).....do.....	7,617	7,878	668	721	700	738	696	704	713	692	739	682	562	660	586		
Bars: Reinforcing.....do.....	5,015	5,305	417	491	406	465	488	439	420	438	398	395	355	317	349		
Bars: Cold finished.....do.....	1,472	1,486	111	131	130	142	133	115	127	116	132	114	85	125	112		
Pipe and tubing.....do.....	4,011	4,652	355	395	374	411	427	364	424	373	452	386	368	414	398		
Wire-drawn and/or rolled.....do.....	1,002	918	77	90	90	86	82	73	78	71	79	62	51	69	67		
Tin mill products.....do.....	4,126	4,082	279	345	329	366	342	341	368	321	360	315	406	335	292		
Sheets and strip (including electrical), total.....do.....	41,261	39,784	3,032	3,615	3,250	3,514	3,485	3,166	3,439	3,229	3,658	3,212	2,813	3,105	2,608		
Sheets: Hot rolled.....do.....	12,898	13,388	958	1,144	1,021	1,104	1,093	1,100	1,165	1,080	1,197	1,068	1,018	1,151	917		
Sheets: Cold rolled.....do.....	13,854	13,199	1,021	1,221	1,086	1,187	1,183	1,051	1,129	1,049	1,218	1,099	952	980	839		
By market (quarterly):																	
Service centers and distributors.....do.....	18,185	18,250		4,565			4,678			4,627			4,424	2,148	2,137		
Construction, incl. maintenance.....do.....	6,861	7,391		1,776			1,920			1,843			1,836	2,534	2,496		
Contractors' products.....do.....	2,863	2,793		679			729			686			708	2,202	2,178		
Automotive.....do.....	11,180	10,444		2,563			2,898			2,644			2,337	2,757	2,659		
Rail transportation.....do.....	1,096	901		251			225			222			203	284	287		
Machinery, industrial equip., tools.....do.....	2,162	2,104		596			551			490			467	2,175	2,150		
Containers, packaging, ship. materials.....do.....	4,458	4,474		998			1,156			1,135			1,183	2,374	2,313		
Other.....do.....	37,488	38,378		9,554			9,910			9,511			9,594	23,179	23,018		
Producing steel mills, inventory, end of period:																	
Total.....mil. sh. tons..	12.9	14.4	13.1	12.9	13.1	13.0	13.0	13.3	13.7	14.2	13.8	14.0	14.4	14.0			
Steel in process.....do.....	7.8	8.6	7.9	7.9	7.9	7.9	8.0	8.1	8.3	8.6	8.3	8.2	8.6	8.3			
Finished steel.....do.....	5.1	5.8	5.2	5.0	5.2	5.1	5.0	5.2	5.4	5.6	5.5	5.8	5.8	5.7			
Steel service centers (warehouses), inventory, end of period.....mil. sh. tons..	6.9	6.7	6.7	6.3	6.3	6.2	6.2	6.2	6.1	6.5	6.4	6.5	6.7	6.7			
NONFERROUS METALS AND PRODUCTS																	
Aluminum:																	
Production, primary (dom. and foreign ores).....thous. met. tons..	4,030	4,048	311	345	331	342	330	340	341	332	347	337	347	349	317		
Recovery from scrap.....do.....	2,054	1,915	150	153	151	161	159	174	183	160	172	155	152	174	155		
Imports:																	
Metal and alloys, crude.....do.....	923.0	959.6	73.4	85.4	85.1	90.4	94.0	102.6	82.1	76.4	66.8	58.7	60.6	79.5			
Plates, sheets, bars, etc.....do.....	340.2	340.3	27.5	29.4	28.6	29.0	28.0	27.3	28.5	28.3	30.9	30.6	23.1	23.9			
Exports:																	
Metal and alloys, crude.....do.....	593.0	682.5	65.1	55.3	61.4	41.4	48.6	41.5	39.0	53.6	59.6	62.2	76.0	61.1			
Plates, sheets, bars, etc.....do.....	446.1	437.7	34.4	36.3	40.0	40.0	40.9	34.9	39.5	36.7	39.7	33.8	24.9	34.8			
Price, U.S. market, 99.7% purity, monthly average.....\$ per lb..	8784	7404	6554	7085	7156	7281	7308	7257	8035	8805	8223	7252	6975	6875	6813	6881	
Aluminum products:																	
Shipments:																	
Ingot and mill prod. (net ship.).....mil. lb..	15,468	14,895	1,154	1,313	1,224	1,355	1,318	1,257	1,282	1,233	1,289	1,107	1,129				
Mill products, total.....do.....	12,304	12,006	936	1,070	1,012	1,090	1,071	991	1,093	976	1,035	908	843				
Sheet and plate.....do.....	7,611	7,544	569	644	629	679	661	659	696	616	650	572	570				
Castings.....do.....	2,200																
Inventories, total (ingot, mill products, and scrap), end of period.....mil. lb..	4,016	3,993	4,035	3,914	3,974	3,907	3,911	4,076	3,976	4,039	4,094	4,014	3,993				
Copper:																	
Production:																	
Mine, recoverable copper.....thous. met. tons..	1,497.5		114.5	123.1	123.5	133.2	133.6	136.7	136.3	136.2	141.3	139.2					
Refined from primary materials.....do.....	1,476.3		121.1	133.7	125.6	138.8	129.7	131.1	124.5	126.6	140.0	131.8					
Electrolytically refined:																	
From domestic ores @.....do.....	1,164.9		92.0	99.9	93.2	105.8	99.1	97.4	92.5	97.4	108.8	101.2					
From foreign ores.....do.....																	
Electrowon.....do.....	311.9		29.1	33.8	32.4	33.0	30.6	33.8	31.9	29.2	31.2	30.6					
Refined from scrap.....do.....	476.9		35.2	37.1	38.5	39.3	38.1	34.6	38.2	29.9	34.0	37.4					
Imports, unmanufactured:																	
Refined, unrefined.....do.....	457.7		43.7	48.0	46.6	57.2	40.9	32.9	28.7	31.4	31.6						
Scrap (copper cont.).....do.....	300.1		15.8	26.5	25.3	31.3	24.0	20.6	18.0	21.4	18.4						
Exports:																	
Refined and scrap.....do.....	565.6		39.3	41.7	33.4	58.7	39.1	54.6	57.7	53.6	51.0						
Refined.....do.....	130.2		20.8	12.2	7.6	15.6	12.2	23.9	20.1	22.4	21.5						
Consumption, refined (reported by mills, etc.).....do.....	2,203		178	207	192	196	190	154	174	180	185	172					
Stocks, refined, end of period.....do.....	106		82	74	79	87	92	102	95	79	77	87					
Price, avg. U.S. producer cathode, delivered \$ per lb..	1.3094		1.1126	1.2841	1.2694	1.2457	1.1735	1.2612	1.3496	1.3422	1.3018	1.1976					

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	<p>NONFERROUS METALS AND PRODUCTS—Continued</p> <p>Copper-base mill and foundry products, shipments (quarterly total):</p> <p>Brass mill products.....mil. lb.</p> <p>Copper wire mill products (copper content).....do.</p> <p>Brass and bronze foundry products.....do.</p> <p>Lead:</p> <p>Production:</p> <p>Mine, recoverable lead.....thous. met. tons.. '410.6 470.1 35.3 36.1 33.7 37.0 35.0 41.1 45.9 36.8 42.2 37.4 35.6</p> <p>Recovered from scrap (lead cont.).....do. '808.6 857.3 69.6 73.0 69.4 66.9 67.9 67.0 71.8 71.0 77.5 72.3 79.8</p> <p>Imports, ore (lead content).....do. '120.8</p> <p>Consumption, total.....do. '1,283.2 1,264.2 106.7 111.9 101.1 106.2 103.2 97.7 112.4 104.6 109.0 104.3 98.1</p> <p>Stocks, end of period:</p> <p>Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons.. 73.5 59.9 63.9 59.7 51.1 56.6 51.9 58.8 63.7 61.8 52.3 55.7 53.9 60.3 63.7</p> <p>Refiners' (primary), refined and antimonial (lead content).....thous. met. tons.. 15.6 25.5 18.3 16.5 21.1 19.3 19.6 20.8 19.9 20.6 23.7 22.8 25.5</p> <p>Consumers' (lead content).....do. 82.7 63.2 58.2 58.2 61.8 59.9 63.2 66.6 62.3 63.9 62.6 60.4 63.2</p> <p>Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons.. 17.4 19.9 18.5 18.4 21.5 21.3 21.5 23.5 26.6 24.2 24.9 22.3 19.9</p> <p>Price, common grade, delivered @ @.....\$ per lb.. .3935 .4602 .4184 .5411 .4873 .4521 .4516 .5013 .5036 .4947 .4616 .4275 .3852 .3452 .3323 .3334</p> <p>Tin:</p> <p>Imports (for consumption):</p> <p>Ore (tin content).....metric tons .. '216</p> <p>Metal, unwrought, unalloyed.....do. '33,988 33,810 2,538 1,805 2,500 2,601 3,178 4,193 2,606 2,491 4,090 2,736 2,280</p> <p>Recovery from scrap, total (tin cont.).....do. '15,213 16,768 577 623 585 572 578 487 544 580 600 594 439 461</p> <p>As metal.....do. '569</p> <p>Consumption, total.....do. '46,371 49,300 4,000 4,200 4,100 4,200 4,100 4,100 4,300 4,100 4,100 4,200 3,900 4,100</p> <p>Primary.....do. 39,000 36,900 2,900 3,200 3,100 3,200 3,100 3,100 3,200 3,000 3,100 3,100 2,900 3,000</p> <p>Exports (metal).....do. '904 658 31 95 11 126 73 50 57 36 22 10 52</p> <p>Stocks, pig (industrial), end of period.....do. 6,072 4,829 5,824 6,401 4,959 3,298 3,792 3,592 3,836 3,449 4,762 4,819 4,829 6,351</p> <p>Price, Straits quality (delivered).....\$ per lb.. 5.2018 3.8629 3.8040 3.8771 3.9417 3.8937 3.7634 3.8730 3.9026 3.8019 3.9982 3.9440 3.7321 3.6822 3.6488</p> <p>Zinc:</p> <p>Mine prod., recoverable zinc.....thous. met. tons.. '275.9 508.7 24.8 26.4 26.2 27.9 45.6 50.7 57.1 44.7 42.7 40.4 44.7</p> <p>Imports:</p> <p>Ores (zinc content).....do. '41.0 3.7 2.8 1.8 3.0 2.1 2.0</p> <p>Metal (slab, blocks).....do. '711.6 42.7 55.7 41.1 45.4 66.3 63.3 70.9 49.4 47.2 46.5</p> <p>Consumption (recoverable zinc content):</p> <p>Ores.....do. 2.1 2.4 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2</p> <p>Scrap, all types.....do. '251.7 250.3 20.6 20.6 20.6 20.6 21.1 21.1 21.1 21.1 21.1 21.1 21.1</p> <p>Slab zinc:</p> <p>Production, total.....thous. met. tons .. 205.3 207.8 16.1 18.5 17.8 18.7 16.2 17.6 17.6 16.0 17.9 16.0 17.2 17.3 15.0 16.9</p> <p>Consumption, fabricators.....do. '1,060.0 1,000.0 79.2 88.0 74.0 79.4 91.0 102.3 100.0 73.0 86.0 73.0 72.0</p> <p>Exports.....do. '8.0 .2 .5 .7 .4 .4 .5 .5 .6</p> <p>Stocks, end of period:</p> <p>Producers', at smelter (ABMS).....do. 4.7 4.6 4.0 4.0 3.6 2.9 2.9 3.6 4.0 5.3 4.5 4.7 4.6 3.9 5.3 8.5</p> <p>Consumers'.....do. '60.3 41.4 45.0 44.3 43.5 41.4 41.9 44.0 47.1 46.1 41.7 41.4 41.4</p> <p>Price, high grade.....\$ per lb.. .8206 .7459 .6475 .7378 .8074 .8560 .8719 .8610 .7898 .7777 .6754 .6294 .6209 4.5808 5593</p> <p>MACHINERY AND EQUIPMENT</p> <p>Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #.....mil. \$.. 394.5</p> <p>Electric processing heating equipment.....do. 84.3</p> <p>Fuel-fired processing heating equip.....do. 138.1</p> <p>Materials handling equipment, dollar value bookings index 1982=100.....'155.6 131.9 '129.6 '142.9 '150.8 '142.4 '137.2 '128.0 '135.0 '120.0 130.2 121.4 118.5</p> <p>Industrial supplies, machinery, and equipment: New orders index, seas. adj. @ 1987=100.....117.4 121.1 126.0 120.0 123.4 121.8 124.2 127.4 125.0 123.8 118.8 114.0 112.9 104.9 107.0</p> <p>Industrial suppliers distribution: Sales index, seas. adjusted 1977=100.....183.6 200.5 192.7 186.4 189.6 196.1 199.9 212.8 229.1 213.3 205.7 203.2 185.3 203.4 218.7 203.3</p> <p>Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) 1977=100.....182.0 189.4 187.1 187.9 189.9 189.0 189.1 189.8 190.1 190.2 190.7 191.1 191.8 193.0 193.3 194.4</p> <p>Fluid power products shipments indexes:</p> <p>Hydraulic products.....1985=100 .. 144 138 138 158 147 142 143 131 140 133 141 123 114 131 '124 130</p> <p>Pneumatic products.....do. 133 131 127 150 126 135 135 123 135 123 141 130 118 '128 '129 141</p> <p>Machine tools:</p> <p>Metal cutting type tools:</p> <p>Orders, new (net), total.....mil. \$.. 1,976.35 2,070.30 116.30 198.20 206.65 137.80 188.60 146.75 228.55 209.15 182.40 136.65 178.10 130.05 '186.25 153.60</p> <p>Domestic.....do. 1,722.80 1,771.95 100.45 132.60 137.45 116.80 151.20 132.55 212.20 190.75 166.05 113.10 151.10 107.20 '113.80 127.25</p> <p>Shipments, total.....do. 2,358.60 2,329.60 169.50 214.15 168.95 194.15 275.70 161.80 155.75 189.95 188.80 182.20 266.45 110.80 '133.15 174.15</p> <p>Domestic.....do. 2,059.20 2,004.45 143.60 179.80 141.65 172.30 240.10 144.00 135.85 168.30 164.90 160.60 209.95 93.25 '109.45 149.05</p> <p>Order backlog, end of period.....do. 1,423.3 1,164.0 1,349.0 1,333.1 1,370.8 1,314.4 1,227.4 1,212.3 1,285.1 1,304.3 1,297.9 1,252.4 1,164.0 1,183.2 '1,236.4 1,215.8</p> <p>Metal forming type tools:</p> <p>Orders, new (net), total.....do. 831.60 894.40 78.25 67.65 82.60 68.65 76.65 87.50 48.25 55.20 85.70 66.10 117.70 69.80 '58.90 51.85</p> <p>Domestic.....do. 719.05 760.55 56.70 56.95 77.25 64.50 69.90 81.40 47.95 45.90 68.10 48.15 102.25 59.80 '51.30 31.80</p> <p>Shipments, total.....do. 837.00 970.30 98.50 74.75 89.15 78.80 74.55 71.60 75.60 108.95 64.95 85.25 84.05 71.75 '69.00 104.05</p> <p>Domestic.....do. 704.15 851.10 89.70 66.45 76.70 71.00 70.85 67.35 61.30 94.30 57.20 63.40 77.20 61.00 '58.80 87.10</p> <p>Order backlog, end of period.....do. 380.3 304.4 356.0 348.9 342.4 332.2 334.4 350.2 322.9 269.2 289.9 270.8 304.4 302.4 '292.4 240.2</p>																

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1961-88																

METALS AND MANUFACTURES—Continued

MACHINERY AND EQUIPMENT—Continued																	
Tractors used in construction, shipments, qtrly: Tracklaying (ex. shovel loaders).....	units	10,846															
	mil. \$..	1,183.7															
Wheel (contractors' off-highway) ..	units ..	4,545															
	mil. \$..	383.2															
Shovel loaders.....	units ..	60,855															
	mil. \$..	2,225.7															
ELECTRICAL EQUIPMENT																	
Batteries (auto-type replacement), shipments.....	thous. ..	64,433	65,187	3,758	4,790	4,599	4,502	4,908	5,127	6,475	6,477	6,692	6,505	5,366	5,163	4,079	
Radio sets, production, total market ††.....	thous. ..	25,254	21,585	1,344	1,547	1,415	1,411	1,673	1,619	1,974	2,723	2,923	2,075	1,438	1,376	1,345	
Television sets (incl. combination models), production, total market ††.....	thous. ..	24,859	21,779	1,833	2,297	1,566	1,724	2,163	1,324	1,846	2,199	1,772	1,658	1,753	1,318	1,454	
Household major appliances, industry shipments #.....	thous. ..	46,567	42,739	3,564	4,320	3,670	3,970	4,153	3,480	3,287	3,358	3,509	2,985	2,837	3,362	2,984	3,524
Air conditioners (room).....	do	5,091	4,150	540	822	655	764	604	260	82	54	2	10	82	159	185	496
Dishwashers.....	do	3,668	3,637	272	313	280	308	335	298	321	308	345	280	276	322	255	278
Disposers (food waste).....	do	4,368	4,137	359	394	297	347	431	306	348	419	347	265	262	362	309	362
Microwave ovens/ranges.....	do	10,592	8,126	676	764	644	521	566	472	587	676	899	792	638	666	565	511
Ranges.....	do	3,048	2,989	260	311	241	257	262	242	252	248	278	253	228	268	236	277
Refrigerators.....	do	7,099	7,101	487	602	527	643	765	790	656	626	590	494	451	483	434	533
Freezers.....	do	1,219	1,296	79	87	90	103	126	155	136	123	101	97	100	95	75	100
Washers.....	do	6,252	6,192	430	550	500	538	566	518	515	518	535	446	417	555	486	507
Dryers, including gas.....	do	4,574	4,320	343	370	323	353	359	345	357	359	392	399	319	418	344	344
Vacuum cleaners (qtrly).....	do	11,373	10,963		3,067			2,348				3,035		2,513			
GAS EQUIPMENT (RESIDENTIAL)																	
Furnaces, warm air, shipments.....	thous. ..	2,162	1,950	124	136	124	129	145	167	188	220	216	192	153	150	128	
Ranges, total, shipments.....	do	2,167	2,167	161	192	181	177	184	167	168	190	209	186	167	190	159	198
Water heaters (storage), automatic, shipments.....	do	4,130	3,906	324	360	328	303	324	294	299	287	378	315	372	347	318	

PETROLEUM, COAL, AND PRODUCTS

COAL																	
Anthracite:																	
Production.....	thous. sh. tons ..	3,519		221	259	297	329	327	277	345	323	354	310				
Exports.....	thous. met. tons ..	677															
Producer Price Index.....	1982=100 ..	103.4	105.5	106.0	106.0	105.5	104.8	104.0	104.0	104.3	104.5	105.3	106.8	107.6	107.0	106.8	106.6
Bituminous and lignite:																	
Production.....	thous. sh. tons ..	971,218	81,796	91,357	83,350	86,615	84,720	80,933	93,213	84,322	95,703	88,882					
Consumption, total.....	do	889,491	68,249	71,030	67,398	68,725	74,733										
Electric power utilities.....	do	765,820	58,003	60,616	57,661	59,042	65,167	71,020	73,200	66,948							
Industrial, total.....	do	117,503	9,592	9,864	9,205	9,322	9,193										
Coke plants (oven and beehive).....	do	41,369	3,025	3,369	3,181	3,317	3,157										
Residential and commercial.....	do	6,167	655	550	532	361	373										
Stocks, end of period, total.....	do	146,120	153,905	161,433	167,044	174,060	173,673										
Electric power utilities.....	do	135,894	143,413	150,808	156,318	163,233	162,745	154,979	151,996	149,120							
Industrial, total.....	do	10,227	10,492	10,625	10,726	10,827	10,928										
Oven-coke plants.....	do	2,364	3,382	3,641	3,600	3,559	3,518										
Exports excluding lignite.....	thous. met. tons ..	290,753															
Producer Price Index.....	1982=100 ..	95.4	97.3	96.2	96.3	96.6	97.6	97.8	97.9	96.8	97.4	98.1	98.7	97.8	98.4	98.3	97.4
COKE																	
Production:																	
Beehive and oven (byproduct).....	thous. sh. tons ..	33,015		7,364			7,449			7,003							
Petroleum coke \$.....	do	39,533	3,142	3,329	3,273	3,354	3,288	3,433	3,512	3,304	3,337	3,349	40	41			
Stocks, end of period:																	
Oven-coke plants, total.....	do	1,919		1,972			1,929			1,840							
At furnace plants.....	do	1,703		1,777			1,734			1,649							
At merchant plants.....	do	216		195			194			191							
Petroleum coke.....	do	1,720	1,889	1,791	1,885	1,998	1,721	1,505	1,514	1,450	1,430	1,509	1,479	1,426			
Exports.....	thous. met. tons ..	1,043															
PETROLEUM AND PRODUCTS																	
Crude petroleum:																	
Producer Price Index.....	1982=100 ..	56.3	70.9	65.0	60.0	52.6	54.5	47.9	46.3	75.2	91.0	118.0	97.3	79.5	88.5	64.0	53.9
Gross input to crude oil distillation units.....	mil. bbl ..	4,959.7		487.6	420.9	410.3	420.7	416.6	446.3	441.0	429.0	405.4	395.6	400.2	400.8		
Refinery operating ratio.....	% of capacity ..	86		88	84	85	87	89	93	91	91	83	84	82	83		
All oils, supply, demand, and stocks:																	
New supply, total.....	mil. bbl ..	6,304.7	487.0	524.2	499.2	544.8	518.7	545.1	539.4	484.6	492.6	481.3	477.1	502.2			
Production:																	
Crude petroleum.....	do	2,778.8	209.0	229.2	219.9	225.0	212.3	221.5	223.7	215.0	231.1	219.2	225.7	230.0			
Natural gas plant liquids.....	do	586.1	45.6	49.3	46.6	48.9	45.8	48.0	50.4	49.6	53.9	53.1	52.0	53.2			
Imports:																	
Crude and unfinished oils.....	do	2,283.7	177.0	203.5	184.2	215.2	207.9	224.3	212.3	183.0	172.8	170.1	155.7	180.1			
Refined products.....	do	656.2	55.5	42.1	48.5	55.6	52.8	51.4	53.0	37.0	34.9	38.8	43.6	38.9			
Change in stocks, all oils.....	do	-15.8	7.3	45.5	-35.7	-22.3	66.7	-26.9	-9.9	5	-22.6	-20.6	-34.5	-36.8			
Product demand, total.....	do	6,634.9	499.6	556.8	522.8	543.5	537.4	544.1	582.3	493.1	551.8	532.9	551.3	560.5			
Exports:																	
Crude petroleum.....	do	51.7	2.9	4.1	3.3	3.5	2.7	2.8	2.0	2.0	3.2	41.3	7.5	1.6			
Refined products.....	do	259.5	20.1	23.2	19.4	17.9	21.4	18.8	24.3	23.3	26.1	28.4	31.7	35.6			

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																	
All oils, supply, demand, and stocks—Continued																	
Domestic product demand, total # mil. bbl.	6,223.7		476.7	529.6	500.0	522.1	513.4	522.5	556.0	493.1	522.4	500.4	512.1	523.3			
Gasoline.....do.....	2,684.1		200.3	227.8	214.2	227.3	225.3	230.8	241.8	207.7	223.9	215.3	216.8	206.4			
Kerosene.....do.....	30.3		3.6	2.7	2.0	1.3	1.5	1.5	1.8	1.8	1.6	1.5	3.4	3.1			
Distillate fuel oil.....do.....	1,152.2		91.0	101.2	91.8	89.8	88.5	93.7	98.7	86.7	91.8	92.9	87.8	104.0			
Residual fuel oil.....do.....	500.1		39.9	37.3	34.3	37.9	40.5	39.6	39.2	29.3	31.7	28.9	40.3	35.1			
Jet fuel.....do.....	543.6		41.1	44.1	44.6	45.6	43.7	42.1	47.5	45.1	47.8	46.6	47.0	48.0			
Lubricants.....do.....	58.1		5.2	5.6	4.4	4.7	4.1	4.6	6.1	5.3	5.4	4.2	4.3	4.8			
Asphalt.....do.....	165.2		5.9	8.7	10.5	16.7	20.4	21.1	24.8	21.4	19.1	12.9	7.4	5.3			
Liquefied petroleum gases.....do.....	608.9		44.8	50.2	45.8	43.9	36.7	42.8	43.4	46.2	55.3	49.5	54.5	66.3			
Stocks, end of period, total.....do.....	1,581.4		1,639.9	1,643.5	1,639.9	1,617.1	1,683.8	1,710.6	1,700.7	1,701.3	1,678.7	1,658.1	1,623.6	1,586.7			
Crude petroleum.....do.....	921.1		924.0	955.9	953.1	968.7	970.9	966.2	959.2	932.7	935.3	924.9	908.7	843.4			
Strategic petroleum reserve.....do.....	579.9		580.9	582.3	583.4	586.2	586.7	586.7	589.6	589.6	589.4	586.0	585.7	320.1			
Unfinished oils, natural gaso- line, etc.....do.....	152.0		159.0	160.4	156.0	164.6	164.1	161.6	159.3	163.6	153.1	157.5	146.1	355.6			
Refined products.....do.....	508.3		556.0	527.2	530.8	537.8	548.8	582.8	582.2	605.0	589.3	575.7	525.4	531.7			
Refined petroleum products:																	
Gasoline (incl. aviation):																	
Production.....do.....	2,550.7		196.0	205.6	203.6	205.4	213.4	224.9	227.8	218.3	214.2	208.9	214.0	206.1			
Stocks, end of period.....do.....	179.1		208.3	187.9	186.3	180.3	177.7	182.0	175.4	190.5	183.9	180.3	183.9	189.1			
Prices, regular grade (excl. aviation):																	
Producer Price Index.....1982=100..	67.1	80.3	67.1	67.6	70.5	71.6	73.8	73.5	84.6	95.0	100.3	99.7	90.5	79.8	71.5	61.6	
Retail, U.S. city average (BLS):																	
Leaded.....\$ per gal..	.997	1.149	1.011	.999	1.027	1.044	1.077	1.089	1.198	1.297	1.354	1.351	1.335	1.246	1.137	1.047	
Unleaded.....do.....	1.022	1.164	1.037	1.023	1.044	1.061	1.088	1.084	1.190	1.294	1.378	1.377	1.354	1.247	1.143	1.082	
Aviation gasoline:																	
Production.....mil. bbl..	9.2		.6	.6	.7	.9	.9	.8	1.1	.8	.6	.7	.5	.6			
Stocks, end of period.....do.....	2.1		1.9	1.8	1.8	1.9	1.8	1.7	1.8	1.8	1.7	1.8	1.7	1.9			
Kerosene:																	
Production.....do.....	26.9		2.7	2.2	1.9	1.6	.9	2.3	1.8	2.2	2.4	2.6	2.6	2.4			
Stocks, end of period.....do.....	5.1		5.7	5.1	5.2	5.5	5.1	6.0	5.9	6.4	6.5	6.6	5.9	5.5			
Producer Price Index (light distillate).....1982=100..	57.8	75.4	69.1	62.0	60.9	59.4	57.0	56.6	65.2	87.8	108.7	107.4	94.2	82.3	75.9	66.4	
Distillate fuel oil:																	
Production.....mil. bbl..	1,058.0		77.1	82.3	84.1	89.1	89.8	93.2	97.1	89.0	90.9	87.5	90.4	88.4			
Imports.....do.....	111.7		10.0	8.7	9.2	6.4	7.7	7.1	9.1	6.8	5.9	7.1	7.4	5.9			
Stocks, end of period.....do.....	105.7		112.2	99.7	99.5	102.8	109.4	125.2	131.1	136.5	136.8	132.8	132.2	112.1			
Producer Price Index (middle distillate).....1982=100..	58.4	73.5	59.4	60.4	61.0	58.4	58.0	51.6	72.3	87.3	104.8	98.9	89.3	82.8	74.3	61.6	
Residual fuel oil:																	
Production.....mil. bbl..	348.1		29.7	30.2	26.4	27.2	27.8	30.6	29.3	27.3	24.9	25.3	31.6	31.0			
Imports.....do.....	229.6		17.9	10.4	16.6	15.7	16.1	16.6	17.8	9.3	11.8	11.6	15.0	13.1			
Stocks, end of period.....do.....	43.8		51.5	46.2	49.0	49.6	46.8	49.0	48.2	49.5	49.5	50.3	48.6	47.6			
Producer Price Index.....1982=100..	47.6	57.2	55.6	55.2	51.8	50.0	48.1	41.3	45.8	61.0	74.5	*82.7	73.7	68.0	62.8	47.2	
Jet fuel:																	
Production.....mil. bbl..	512.1		42.0	44.2	40.0	42.3	40.7	43.4	43.4	45.8	49.5	47.3	47.7	46.7			
Stocks, end of period.....do.....	40.9		46.4	48.9	46.8	46.8	47.3	50.9	48.2	50.0	51.3	50.6	51.9	50.5			
Lubricants:																	
Production.....do.....	61.4		4.6	5.0	5.2	5.1	4.7	5.4	5.4	5.4	5.0	5.5	5.0	5.2			
Stocks, end of period.....do.....	13.8		13.0	12.3	12.4	12.3	12.4	13.0	12.0	11.7	10.9	12.0	12.4	12.5			
Asphalt:																	
Production.....do.....	154.9		9.1	10.7	11.5	14.9	17.1	19.4	18.6	17.9	15.5	12.0	9.2	7.7			
Stocks, end of period.....do.....	20.6		26.0	28.5	29.9	29.1	27.0	26.3	21.3	19.2	16.4	16.2	18.7	21.5			
Liquefied petroleum gases:																	
Production, total.....do.....	653.5		49.9	54.5	52.1	54.6	51.7	54.2	56.5	53.6	55.3	51.8	52.1	53.2			
At gas processing plants (L.P.G.).....do.....	451.3		35.1	37.8	35.5	37.0	34.4	36.3	38.5	38.2	41.3	41.4	40.3	41.2			
At refineries (L.R.G.).....do.....	202.2		14.8	16.7	16.6	17.6	17.3	18.0	18.0	15.4	14.0	10.4	11.8	12.0			
Stocks (at plants and refineries).....do.....	80.2		76.7	78.0	82.0	90.7	104.2	112.3	122.6	117.0	109.5	97.9	76.3				

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD																
Receipts.....thous. cords (128 cu.ft.)..	'99,279	'99,304	8,215	8,260	8,188	8,014	8,006	8,395	8,452	8,271	8,712	8,180	7,920	8,779		
Consumption.....do.....	'98,414	'99,109	8,108	8,341	8,260	8,113	8,042	8,467	8,333	8,243	8,517	8,120	8,012	8,801		
Inventories, end of period.....do.....	5,462	5,961	5,597	5,433	5,209	5,177	5,167	5,106	5,239	5,651	5,751	6,375	5,961	5,732		
WASTE PAPER																
Consumption.....thous. sh. tons..	'19,490	'21,035	1,617	1,805	1,739	1,800	1,798	1,738	1,844	1,785	1,822	1,778	1,722	1,833		
Inventories, end of period.....do.....	1,095	'924	1,054	1,081	1,007	1,017	1,031	1,035	1,052	976	*1,024	*995	*924	941		
WOODPULP																
Production:																
Total.....thous. sh. tons..	'61,998	'63,068	4,988	5,272	5,254	5,156	5,175	5,490	5,366	5,200	*5,410	*5,123	5,428	5,541		
Dissolving pulp.....do.....	1,425	1,293	89	123	98	103	114	107	125	126	91	71	123	115		
Paper grades chemical pulp.....do.....	50,181	*51,192	4,050	4,275	4,220	4,158	4,202	4,457	4,374	4,190	*4,395	*4,163	4,392	4,492		
Groundwood and thermo- mechanical.....do.....	6,029	*6,363	509	509	540	522	519	555	541	536	*569	543	554	563		
Semi-chemical.....do.....	4,363	4,219	340	365	397	373	341	371	327	349	*355	347	359	371		
Inventories, end of period:																
Producers' own use.....do.....	193	229	215	202	196	184	214	209	218	228	210	201	*226	201		
Producers' market.....do.....	342	*476	531	487	455	451	498	526	527	461	*484	*505	*476	522		
Consumers' purchased.....do.....	519	392	542	475	431	437	485	432	418	423	422	358	392	419		
Exports, all grades, total.....thous. met. tons..	'5,653															
Dissolving and special alpha.....do.....	759															
All other.....do.....	*4,896															
Imports, all grades, total.....do.....	'4,673															
Dissolving and special alpha.....do.....	162															
All other.....do.....	*4,513															

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
PULP, PAPER, AND PAPER PRODUCTS—Continued																	
PAPER AND PAPER PRODUCTS																	
Paper and board:																	
Production (API):																	
Total.....thous. sh. tons..	'76,722	'78,568	6,117	6,692	6,371	6,576	6,452	6,556	6,744	6,507	6,828	6,528	6,502	6,804	6,094		
Paper.....do.....	38,266	39,411	3,119	3,340	3,163	3,234	3,190	3,279	3,439	3,251	3,484	3,294	3,131	3,339	2,981		
Paperboard.....do.....	38,456	39,156	2,998	3,352	3,202	3,292	3,262	3,277	3,305	3,257	3,344	3,234	3,321	3,465	3,113		
Producer Price Indexes:																	
Paperboard.....1982=100..	140.1	135.9	138.9	138.9	137.6	136.0	135.5	135.0	133.4	132.9	134.3	'134.2	133.9	132.7	132.1	130.2	
Building paper and board.....do.....	115.6	112.2	116.0	115.5	113.7	113.4	111.9	111.2	110.3	109.8	109.4	'109.1	108.8	110.4	109.6	111.3	
Selected types of paper (API):																	
Groundwood paper:																	
Orders, new.....thous. sh. tons..	'1,741	'1,834	149	125	115	158	173	156	164	173	163	136	161	'171	130		
Orders, unfilled, end of period ..	210	215	197	185	140	170	172	175	197	226	222	213	215	'235	230		
Shipments.....do.....	'1,743	'1,768	141	149	140	138	142	152	147	137	168	151	147	'145	132		
Coated papers:																	
Orders, new.....do.....	'7,171	'7,423	537	647	648	614	647	639	680	607	671	589	531	'596	501		
Orders, unfilled, end of period ..	824	591	622	658	728	761	717	721	733	693	693	643	591	'535	479		
Shipments.....do.....	7,215	7,521	584	618	562	620	611	634	678	636	689	642	564	'633	564		
Uncoated free sheet:																	
Orders, new.....do.....	'11,097	'11,499	971	1,042	977	1,007	986	899	1,019	936	996	888	862	'915	802		
Orders, unfilled, end of period ..	11,081	11,510	935	990	958	957	904	947	1,011	928	1,009	942	930	'982	846		
Shipments.....do.....	'11,081	'11,510	935	990	958	957	904	947	1,011	928	1,009	942	930	'982	846		
Unbleached kraft papers:																	
Shipments.....thous. sh. tons..	'2,681	'2,377	185	196	187	206	208	208	198	198	208	196	173	202	186		
Tissue paper, production.....do.....	'5,636	'5,802	452	500	467	494	479	482	501	487	507	477	484	485	438		
Newsprint:																	
Canada: †																	
Production.....thous. metric tons..	9,640	9,068	747	794	786	847	762	826	758	661	711	664	715	836	761		
Shipments from mills.....do.....	9,607	9,074	718	825	815	861	804	752	750	698	710	688	740	765	698		
Inventory, end of period.....do.....	321	315	432	401	372	358	316	391	399	362	363	340	315	385	448		
United States:																	
Production.....do.....	5,523	5,997	462	492	491	495	489	508	519	498	511	512	519	523	473		
Shipments from mills.....do.....	5,515	6,007	467	493	493	502	486	508	518	509	506	511	517	527	465		
Inventory, end of period.....do.....	56	46	56	56	53	46	49	49	50	39	44	45	46	42	50		
Estimated consumption, all users ◊.....do.....	12,241	12,127	930	1,059	1,038	1,070	1,005	960	996	1,017	1,045	1,030	1,011	'922	856		
Publishers' stocks, end of period #.....thous. metric tons..	749	802	836	821	805	802	825	859	912	850	810	780	802	'853	924		
Imports.....do.....	'2,678																
Producer Price Index, standard newsprint.....1982=100..	122.5	119.5	115.4	115.6	115.5	116.6	121.6	122.2	122.2	122.3	122.5	'122.3	122.2	125.7	126.8	126.9	
Paper products:																	
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area..	313,398	315,800	24,178	26,698	26,679	27,398	26,330	26,494	28,115	25,410	30,526	24,955	21,412	'27,440	'24,137	24,495	

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber: \$																
Consumption.....thous. metric tons..	866.37	839.03	57.27	78.98	65.22	87.43	73.92	57.37	74.11	78.78	59.78	75.55	68.05			
Stocks, end of period.....do.....	91.98	96.07	100.15	101.63	97.15	97.30	99.80	101.56	87.18	90.35	84.71	89.63	96.07			
Imports, incl. latex and guayule.....do.....	'887.62	'860.34	58.57	81.87	63.08	89.49	77.66	60.38	60.96	82.97	55.67	81.69	75.70			
U.S. Import Price Index.....1985=100..	110.3	104.1		102.7			105.4			105.4			102.9			
Synthetic rubber: ‡																
Production.....thous. metric tons..	2,261.37	2,114.53	180.08	182.51	187.76	174.62	171.99	171.94	180.94	180.42	190.30	167.35	153.14			
Consumption.....do.....	2,050.97	1,820.78	158.65	161.62	144.06	161.53	151.63	137.11	149.54	155.63	175.29	147.04	119.06			
Stocks, end of period.....do.....	404.03	403.66	392.57	385.91	406.92	397.57	395.11	414.95	420.92	419.56	404.95	398.90	403.66			
Exports (Bu. of Census).....do.....	'579.08															
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous.....	'212,870	'210,663	17,376	19,522	17,680	17,990	18,186	14,996	13,555	17,612	19,965	16,077	13,687	17,713		
Shipments, total.....do.....	261,659	260,424	18,956	22,634	21,207	23,432	23,728	22,225	24,185	22,595	24,467	20,203	16,946	18,370		
Original equipment.....do.....	59,347	54,192	4,554	5,382	4,780	5,589	5,311	3,572	4,696	4,687	5,433	3,872	2,829	3,738		
Replacement equipment.....do.....	186,328	188,839	13,031	15,750	14,974	16,391	17,066	17,376	17,785	16,443	17,306	14,821	12,913	13,051		
Exports.....do.....	15,985	17,398	1,372	1,504	1,453	1,452	1,351	1,277	1,704	1,465	1,727	1,509	1,205	1,578		
Stocks, end of period.....do.....	39,308	42,649	46,561	48,446	49,601	48,728	47,893	45,351	43,492	42,047	41,553	41,582	42,649	45,295		
Exports (Bu. of Census).....do.....	'19,118															
Inner tubes:																
Exports (Bu. of Census).....do.....	'1,813															

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
STONE, CLAY, AND GLASS PRODUCTS																	
PORTLAND CEMENT																	
Shipments, finished cement.....thous. bbl.	474,344	467,211	27,030	35,205	38,744	44,828	46,513	44,687	48,159	42,567	46,272	37,888	25,425				
CLAY CONSTRUCTION PRODUCTS																	
Shipments:																	
Brick, unglazed (common and face) mil. standard brick ..	6,698.2	6,777.6	466.0	578.8	591.1	631.0	630.8	631.5	658.1	556.3	609.9	538.3	416.0				
Structural tile, except facing.....thous. sh. tons.	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)				
Sewer pipe and fittings, vitrified.....do.	255.7	210.2	16.3	21.5	21.9	17.3	16.4	18.8	18.7	18.9	16.0	15.3	13.0				
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft.	545.3	477.6	38.1	44.0	40.3	43.2	40.4	38.3	41.4	37.1	42.8	36.3	36.1				
Producer Price Index, brick and structural clay tile.....12/84=100	112.2	115.1	114.2	114.9	115.0	115.3	115.3	115.4	115.4	115.3	115.4	115.4	115.4	115.3	115.3	115.7	
GLASS AND GLASS PRODUCTS																	
Flat glass, mfrs.' shipments.....thous. \$.	1,543,242			357,010			375,869			372,826							
Glass containers:																	
Production.....thous. gross.	287,511		21,997	25,228	24,099	25,790	24,882	25,185	25,843	25,288	25,868	21,599					
Shipments, total.....do.	285,586		20,563	24,689	23,825	26,478	24,943	24,775	26,652	22,599	23,945	21,159					
Narrow-neck containers:																	
Food.....do.	22,010		1,707	2,160	1,840	2,529	2,033	2,089	2,436	1,778	1,847	1,360					
Beverage.....do.	63,813		4,592	5,706	5,493	6,253	6,058	6,065	6,110	4,995	5,134	4,364					
Beer.....do.	85,556		6,554	7,819	7,891	7,990	7,603	7,962	8,024	7,197	7,234	6,982					
Liquor and wine.....do.	26,059		1,819	2,221	2,945	2,507	2,635	2,173	2,262	1,859	2,081	1,986					
Wide-mouth containers:																	
Food and dairy products.....do.	67,973		5,084	5,887	5,300	6,266	5,764	5,729	7,022	6,061	6,923	5,685					
Narrow-neck and wide-mouth containers:																	
Medicinal and toilet.....do.	13,826		804	818	881	873	795	700	745	661	662	720					
Chemical, household, and in- dustrial.....do.	1,318		63	77	75	60	55	57	53	48	64	82					
Stocks, end of period.....do.	42,053		42,889	43,094	43,262	42,265	42,287	42,526	41,396	41,197	42,948	43,235					
GYPSUM AND PRODUCTS																	
Production:																	
Crude gypsum (exc. byproduct).....thous. sh. tons.	15,500		1,182	1,318	1,373	1,342											
Calcined.....do.	17,500		1,363	1,530	1,402	1,372											
Imports, crude gypsum.....do.			592	784	815												
Sales of gypsum products:																	
Uncalcined.....do.	5,170		379	428	496	495											
Calcined:																	
Industrial plasters.....do.	(⁴)																
Building plasters, total (incl. Keene's cement).....do.																	
Board products, total.....mil. sq. ft.	20,870		1,700	1,869	1,649	1,710											
Lath.....do.	18		1	2	1	1											
Veneer base.....do.	475		40	43	35	37											
Gypsum sheathing.....do.	266		21	22	23	21											
Regular gypsum board.....do.	12,523		1,033	1,131	975	1,014											
Type X gypsum board.....do.	6,071		489	540	484	505											
Predecorated wallboard.....do.	113		8	8	8	8											
1/8" mobile home board.....do.	717		51	59	66	68											
Water/moisture resistant board.....do.	687		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	11,884	15,064						120	583	2,620	7,959	12,436	14,519				
Crop estimate.....thous. net weight bales \$.	12,196												15,617				
Consumption.....thous. running bales	7,444	8,383	633	794	624	641	826	559	680	835	671	610	601				
Stocks in the United States, total, end of																	
period #.....thous. running bales	12,803	11,973	9,894	8,033	6,975	5,778	4,337	3,228	15,974	14,514	13,855	13,173	11,978				
Domestic cotton, total.....do.	12,803	11,973	9,894	8,033	6,975	5,778	4,337	3,228	15,974	14,514	13,855	13,173	11,978				
On farms and in transit.....do.	1,457	1,522	1,153	771	843	879	485	369	13,740	11,532	7,210	3,729	1,522				
Public storage and compresses.....do.	10,762	9,875	8,052	6,566	5,447	4,224	3,185	2,187	1,615	2,451	6,126	8,930	9,875				
Consuming establishments.....do.	584	581	689	696	685	675	667	672	619	531	519	514	581				

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS, 1981-88																
TEXTILE PRODUCTS—Continued																	
COTTON AND MANUFACTURES—Cont.																	
Cotton (excluding linters)—Continued																	
Exports.....thous. net-weight bales \$.	\$6,704																
Imports.....thous. net-weight bales \$.	\$63.6		61.0	63.9	65.8	66.2	64.0	63.9	64.7	65.1	67.5	68.0	65.9	64.2	67.9	73.0	
Price(farm), American upland C.....cents per lb.																	
Price, Strict Low Middling, Grade 41, staple 34 (1 1/4").....cents per lb.	\$69.8		65.0	68.1	71.3	74.6	77.1	79.5	76.3	71.0	70.5	69.5	69.9	70.5	77.7	77.9	
Spindle activity (cotton system spindles):																	
Active spindles, last working day, total.....mil.	10.7	9.7	10.7	10.6	10.5	10.4	10.3	10.1	10.0	10.1	9.8	9.8	9.7				
Consuming 100 percent cotton.....do.	4.3	3.8	4.3	4.2	4.2	4.2	4.1	3.9	3.9	4.0	3.8	3.9	3.8				
Spindle hours operated, all fibers, total.....bil.	80.8	65.8	5.6	16.9	5.4	5.3	16.4	4.4	5.3	16.3	5.2	4.7	4.9				
Average per working day.....do.	294	254	278	276	271	267	255	220	264	255	260	240	196				
Consuming 100 percent cotton.....do.	27.8	25.3	2.2	42.7	2.1	2.1	42.6	1.7	2.0	42.5	2.1	1.8	1.9				
Cotton cloth:																	
Cotton broadwoven goods over 12" in width:																	
Production (qtrly.).....mil. sq. yd.	4,589			1,194			1,122				1,082						
Orders, unfilled, end of period, compared with average weekly production.....no. weeks' prod.																	
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.																	
Ratio of stocks to unfilled orders (at cotton mills), end of period.....																	
Exports, raw cotton equivalent.....thous. net-weight bales \$.																	
Imports, raw cotton equivalent.....do.																	
Producer Price Index, gray cotton broadwovens.....1982=100	110.9	113.8	113.8	113.8	114.0	114.1	109.9	115.1	115.1	112.3	112.5	116.1	116.2	113.0	113.2	113.7	
MANMADE FIBERS AND MANUFACTURES																	
Fiber production, qtrly:																	
Acetate filament yarn.....mil. lb.	217.5	206.2		46.8			52.3			53.6		53.5					
Rayon staple, including tow.....do.	362.8	299.1		73.3			72.0			74.2		76.9					
Noncellulosic, except textile glass: Yarn and monofilaments.....do.	4,225.4	4,193.7		1,030.1			1,084.8			1,035.4		1,043.4					
Staple, incl. tow.....do.	4,290.3	3,990.8		984.4			1,060.7			962.5		983.2					
Textile glass fiber.....do.																	
Fiber stocks, producers', end of period:																	
Acetate filament yarn.....mil. lb.	9.9	9.4		8.8			8.7			8.3		9.4					
Rayon staple, including tow.....do.	22.4	17.3		14.0			10.1			9.2		17.3					
Noncellulosic fiber, except textile glass: Yarn and monofilaments.....do.	364.2	304.2		375.1			374.6			348.0		304.2					
Staple, incl. tow.....do.	340.8	347.0		334.3			384.7			362.8		347.0					
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	114.0	115.7	115.7	115.6	115.7	115.5	115.6	115.7	115.2	115.3	115.6	115.8	116.1	115.4	114.9	114.7	
Manmade fiber textile trade:																	
Exports, manmade fiber equivalent.....mil. lbs.																	
Yarn, tops, thread, cloth.....do.																	
Cloth, woven.....do.																	
Manufactured prods., apparel, furnishings.....do.																	
Imports, manmade fiber equivalent.....do.																	
Yarn, tops, thread, cloth.....do.																	
Cloth, woven.....do.																	
Manufactured products, apparel, furnishings.....do.																	
Apparel, total.....do.																	
Knit apparel.....do.																	
WOOL AND MANUFACTURES																	
Wool consumption, mill (clean basis):																	
Apparel class.....mil. lb.	113.0	114.2		29.9			30.1			25.6		28.5					
Carpet class.....do.	14.1	14.1		3.8			3.6			3.8		3.0					
Wool imports, clean yield.....do.	106.9	71.7	9.2	4.7	8.2	5.0	4.8	3.4	5.5	5.0	6.9	7.5	4.2	10.7	6.9		
Unimproved and other grades not finer than 46's.....do.	29.9	21.4	1.5	2.4	2.6	2.4	2.1	1.5	1.3	1.5	1.4	1.3	.6	1.9	1.2		
48's and finer.....do.	77.0	50.3	7.7	2.3	5.6	2.6	2.7	1.9	4.2	3.5	5.5	6.2	3.6	8.7	5.7		
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																	
Domestic—Graded territory, 64's, staple 2 1/4" and up.....dollars per lb.	3.70	2.56	2.87	2.87	2.84	2.75	2.57	2.42	2.35	2.35	2.35	2.25	2.20	2.17	2.10	1.63	
Australian, 64's, Type 63, duty-paid.....do.	4.31	3.70	4.04	4.03	4.14	4.06	3.42	3.38	3.52	3.55	3.43	3.32	3.32	3.34	3.35	2.09	
Wool broadwoven goods, exc. felts: Production (qtrly.).....mil. sq. yd.	176.3			38.8			38.8			32.3							
FLOOR COVERINGS																	
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds.	1,357.2	1,359.0		334.7			356.7			350.4		317.2					
APPAREL																	
Women's, misses', juniors' apparel cuttings, qtrly:																	
Coats.....thous. units	16,895			3,760			3,842			4,930							
Dresses.....do.	181,967			47,252			44,836			41,297							
Suits (incl. pant suits, jumpsuits).....do.	8,372			1,752			1,728			1,836							
Skirts.....do.	97,639			21,833			22,550			21,955							
Slacks, jeans, dungarees, and jean-cut casual slacks.....do.	300,907			69,165			76,842			74,397							
Blouses.....thous. dozen	37,180			10,389			9,158			8,422							

See footnotes at end of tables.

Units	Annual		1990												1991		
	1989	1990	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

TEXTILE PRODUCTS—Continued

APPAREL—Continued																
Men's apparel cuttings, qtrly:																
Suits.....thous. units.....	13,896			3,273				2,724						2,704		
Coats (separate), dress and sport.....do.....	18,012			3,779				3,517						3,646		
Trousers, slacks, jeans, pants, etc.....do.....	470,820			113,188				116,317						120,207		
Shirts, dress and sport.....thous. doz.....	113,085			26,989				27,353						23,483		
Hosiery, shipments.....thous. doz. pairs.....	353,692	328,622	26,203	29,360	30,941	26,617		27,770	28,280	26,228	25,003	30,537	27,741	24,586		

TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																
Orders, new (net), total.....mil. \$.....	176,474															
U.S. Government.....do.....	81,727															
Prime contract.....do.....	170,939															
Sales (net), receipts, or billings																
total.....do.....	121,218															
U.S. Government.....do.....	71,553															
Backlog of orders, end of period #...																
U.S. Government.....do.....	246,817															
Aircraft (complete) and parts.....do.....	102,429															
Engines (aircraft) and parts.....do.....	128,720															
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$.....	28,511															
Other related operations (conversions, modifications), products, services.....mil. \$.....	34,104															
Aircraft (complete):																
Shipments.....do.....	17,467.3		2,644.6	1,748.4	1,976.5	1,955.6	2,474.7	2,129.0	2,165.8							
Exports, commercial.....do.....	13,711	18,399	2,183	1,415	1,653	1,552	2,048	1,556	1,399	1,323	1,311	1,212	1,693	1,291	1,096	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants):																
Total.....thous.....	6,807	6,050	488	617	509	625	627	346	530	542	625	438	369	435	411	(*)
Domestic.....do.....	6,181	5,502	433	547	449	564	569	322	488	507	585	402	332	391	373	
Retail sales, total, not seas. adj.....do.....	9,903	9,499	728	866	817	890	875	822	807	785	805	679	669	570	636	*749
Domestics \$.....do.....	7,078	6,896	534	626	599	644	635	596	572	585	598	486	476	421	479	545
Imports \$.....do.....	2,825	2,601	194	240	218	246	240	226	235	200	207	193	193	149	157	*204
Total, seas. adj. at annual rate.....mil.....			9.6	9.6	9.4	9.4	*9.8	9.7	9.4	10.1	9.3	8.6	8.9	7.6	8.3	*8.7
Domestics \$.....do.....			6.8	6.8	6.6	6.7	*7.1	7.1	6.9	7.6	6.9	6.2	6.6	5.7	6.1	6.2
Imports \$.....do.....			2.8	2.8	2.8	2.7	*2.7	2.6	2.5	2.5	2.4	2.4	2.3	1.9	2.2	*2.5
Retail inventories, domestics, end of period: \$																
Not seasonally adjusted.....thous.....	1,669		1,467	1,479	1,422	1,471	1,505	1,818	1,837	1,840	1,483	1,510	1,407	1,467	1,431	1,360
Seasonally adjusted.....do.....	1,682		1,326	1,338	1,301	1,306	*1,316	1,382	1,425	1,404	1,430	1,397	1,259	1,221	*1,148	1,057
Inventory-retail sales ratio, domestics \$.....do.....	2.8	2.4	2.3	2.4	2.4	2.3	*2.2	2.3	2.5	2.2	2.5	2.7	2.3	2.6	2.3	2.0
Exports (BuCensus), total.....do.....																
To Canada.....do.....	769.75															
Imports (ITC), complete units.....do.....	3,944.6		310.4	372.1	318.1	335.2	335.5	288.3	298.0	293.0	399.6	375.1	354.4			
From Canada, total.....do.....	1,220.2		99.9	129.4	89.3	128.2	128.1	84.6	63.2	93.1	127.6	110.6	94.5			
Registrations, total new vehicles.....do.....	9,853	9,160	657	773	751	824	858	779	777	825	769	683	688			
Imports, including domestically sponsored.....do.....	3,481	3,486	248	292	268	319	328	300	321	325	284	259	271			
Trucks and buses:																
Factory sales (from U.S. plants):																
Total.....do.....	4,062	3,719	306	388	327	401	399	252	319	313	355	253	175	214	306	(*)
Domestic.....do.....	3,752	3,448	281	355	298	368	371	238	302	297	336	235	155	194	281	
Retail sales:																
Total, not seasonally adjusted *.....do.....	4,941.5	4,649.9	346.2	431.2	410.1	443.0	431.5	423.4	391.9	361.2	364.8	322.1	318.4	270.2	*292.7	355.4
0-10,000 lbs. GVW, domestics.....do.....	4,106.4	3,947.5	292.9	363.2	350.7	374.0	365.2	364.9	326.9	310.0	307.7	275.1	267.1	229.1	*250.7	305.7
0-10,000 lbs. GVW, imports *.....do.....	504.2	404.0	30.5	40.5	33.2	42.4	39.9	30.7	39.5	27.7	31.5	27.0	28.1	22.5	23.6	27.3
10,001 lbs. GVW and over †.....do.....	331.1	298.4	22.8	27.4	26.2	26.6	26.4	27.9	25.4	23.5	25.6	20.0	23.2	18.6	*18.4	22.5
Total, seasonally adjusted *.....do.....			330.6	390.9	391.6	388.0	400.6	411.4	383.8	392.7	370.9	357.0	334.2	300.0	*321.5	335.2
0-10,000 lbs. GVW, domestics.....do.....			317.8	328.1	335.0	326.1	333.5	356.5	326.9	339.3	313.4	304.3	279.5	255.4	*271.9	287.1
0-10,000 lbs. GVW, imports *.....do.....			36.4	37.3	32.9	37.3	42.1	27.3	31.5	28.4	33.7	30.3	31.4	24.0	28.2	26.5
10,001 lbs. GVW and over †.....do.....			26.5	25.6	23.6	24.6	25.0	27.6	25.4	24.9	23.8	22.4	23.3	20.6	*21.3	21.6
Retail inventories, domestics, end of period:																
Not seasonally adjusted.....thous.....	1,134.9	1,074.3	1,070.4	1,110.6	1,103.9	1,158.4	1,193.2	1,081.6	1,073.0	1,095.3	1,170.8	1,166.4	1,074.3	1,071.1	1,022.5	955.1
Seasonally adjusted @.....do.....	1,180.1	1,116.9	1,018.0	1,049.2	1,047.1	1,095.1	1,129.5	1,163.3	1,168.6	1,192.0	1,203.0	1,166.5	1,116.9	1,049.7	972.6	902.5
Exports (BuCensus).....do.....	211.28															
Imports (BuCensus), including separate chassis and bodies.....do.....	1,022.17															
Registrations, new vehicles, excluding buses not produced on truck chassis.....thous.....	5,100	4,805	348	404	413	424	453	429	419	410	381	343	355			
Truck trailers and chassis, complete (excludes detachables), shipments.....number.....																
Van type.....do.....	181,478		12,305	14,285	12,403	13,206	12,015	10,645	13,128	11,737	*11,317	9,098	8,615			
Trailer bodies (detachable), sold separately.....do.....	130,163		9,293	10,597	8,676	9,305	8,551	7,442	9,490	8,481	*7,885	6,586	5,485			
Trailer chassis (detachable), sold separately.....do.....	(*)															
Trailer chassis (detachable), sold separately.....do.....	24,779		642	1,576	915	1,088	1,551	1,503	994	976	3,429	1,284	715			
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number.....	29,617	32,063		8,892				7,659			7,659			7,541		
Equipment manufacturers.....do.....	29,617	32,063		8,892				7,659			7,659			7,541		
New orders.....do.....	31,002	27,197		5,556				3,996			3,996			6,655		
Equipment manufacturers.....do.....	31,002	27,197		5,556				3,996			3,996			6,655		
Unfilled orders, end of period.....do.....	16,691	11,328		13,537				12,214			12,214			11,328		
Equipment manufacturers.....do.....	16,691	11,328		13,537				12,214			12,214			11,328		
Freight cars (revenue), class I railroads(AAR): †																
Number owned, end of period.....thous.....	688		685	684	681	678	675									
Capacity (carrying), total, end of month.....mil. tons.....	59.73		59.64	59.57	59.28	59.02	58.79									
Average per car.....do.....	36.87		36.87	36.87	36.87	36.87	36.87									

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

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† 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.

† Effective with the April 1991 SURVEY, M3 data have been revised to benchmark the data to the 1987 Census of Manufactures and 1988 Annual Survey of Manufactures, and to convert the series to the 1987 SIC codes. Revisions related to benchmarking affect all categories back to 1982. Revisions resulting from the SIC conversion affect about half the categories back to 1958. The coverage for some of the series in the market category has been changed.

Page S-4

1. Based on data not seasonally adjusted.

Includes data for items not shown separately.

‡ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.

◇ For these industries (food and kindred products, tobacco, apparel and other textile products, petroleum and coal, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.

† See note "†" for p. S-3.

Page S-5

@ Compiled by Dun & Bradstreet, Inc.

Includes data for items not shown separately.

§ Ratio of prices received to prices paid (parity index).

† See note "†" for p. S-4.

‡ In the Feb. and July issues of the SURVEY each year, data for the most recent six to eight years are subject to revise and are available upon request.

†† See note "††" for p. S-3.

Page S-6

§ 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. 1991 SURVEY, data have been revised back to 1986 and are available upon request.

Page S-7

1. Computed from cumulative valuation total.

2. Index as of Apr. 1, 1991: building, 401.0; construction, 443.7.

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 1991 SURVEY, estimates of wholesale sales have been revised back to January 1988 and wholesale inventories have been revised back to January 1989. Revised data and a summary of changes appear in the report *Revised Monthly Wholesale Trade, Sales and Inventories January 1984-December 1990, BW90-R*, available from the Bureau of the Census, Washington, DC 20233.

‡ Effective March 1991 SURVEY, retail trade data have been revised. Estimates of retail sales have been revised back to January 1988 and inventories have been revised back to January 1989. (In 1990 data were revised back to 1982.) Revised data and a summary of changes will appear in the report *Revised Monthly Retail Sales and Inventories, January 1981-December 1990, BR90-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 1991 SURVEY, the seasonally adjusted labor force series have been revised back to January 1986. The January 1991 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 1986-90 revision period appear in the February 1991 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 and 1991 issues of the SURVEY, this series has been revised, respectively, back to 1985 and 1986 to reflect new seasonal factors for the CPI-W. Revised data are available upon request.

§§ Wages as of Apr. 1, 1991: Common, \$18.69; Skilled, \$24.37.

† 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.

2. Effective April 1991 SURVEY, the Security Markets series have been discontinued.

† 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.

2. Effective Oct. 3, 1990, the German Democratic Republic (GDR; East Germany) ceased to exist as a sovereign state and became a part of the Federal Republic of Germany. Accordingly, effective with the statistics for Oct. 1990, all merchandise imported from or exported to the former GDR will be included as trade with the Federal Republic of Germany.

3. Beginning Jan. 1991 data, Roadway Services, Inc. will be included in the Dow Jones Transportation Average replacing Pan Am Corp. Roadway Services is listed on the NASDAQ National Market System. Comparability with earlier averages is not affected by this change.

@ 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.

3. See note "2" for p. S-16.

@ 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. See note 4 for p. S-19.
- § Cases of 30 dozen.
- * Series first shown in the Jan. 1991 SURVEY.

Page S-23

1. Crop estimate for the year.
2. Reported annual total; revisions not distributed to the months.
3. Data suppressed because they did not meet Census publication standards.
4. See note 4 for p. S-19.
5. Data withheld to avoid disclosing figures for individual companies.
- # 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.
4. Break in comparability beginning Jan. 1, 1991, because of a change in the *Metals Week* pricing series for zinc.
- ◇ 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.
- † Effective April 1991 SURVEY, the material handling index has been revised back to 1982 and now includes lift trucks. The index also includes 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. Revised data are available upon request.
- @@ 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.

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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.

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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.

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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.
- § Effective with the October 1990 SURVEY, data have been revised back to 1989 to reflect adjustments made by the Rubber Manufacturers Association's Rubber Statistical Committee.
- † Effective with the October 1990 SURVEY, synthetic data consisting of Butyl, polyisoprene, polychloroprene, silicone, and other elastomers have been revised in keeping with data provided by the Census Bureau's MA30A report beginning in 1990. Also see note "§" on 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.

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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. Jan. 1, 1991 estimate of the 1990 crop.
6. Total for crop year, Aug. 1–Jul. 31.
- # Includes data for items not shown separately.
- ◇ Cumulative ginnings to the end of month indicated.
- § Bales of 480 lbs.

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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.

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1. Annual total includes revisions not distributed to the months.
2. Production of new vehicles (thous. of units) for Mar. 1991: *passenger cars, 434; trucks and buses, 236*.
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.
- § Domestic 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.
- @ Effective with the Mar. 1991 SURVEY, seasonally adjusted retail inventories for trucks and buses have been revised back to 1989, and are available upon request.

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