

FEBRUARY 1989 / VOLUME 69 NUMBER

2



SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS



SURVEY OF CURRENT BUSINESS



U.S. Department of Commerce

Robert A. Mosbacher / *Secretary*
 Robert Ortner / *Under Secretary*
 for Economic Affairs

Bureau of Economic Analysis

Allan H. Young / *Director*
 Carol S. Carson / *Deputy Director*

Editor-in-Chief: Carol S. Carson
Managing Editor: Leland L. Scott

Staff Contributors to This Issue: Douglas R. Fox, Interindustry Economics Division, National Income and Wealth Division, James E. Rankin, Charles S. Robinson, David F. Sullivan.

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*—\$18.00 domestic, \$22.50 foreign; *first-class mail*—\$46.00. 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.

- 1 Business Situation
- 2 National Income and Product Accounts Tables
 - 2 Selected NIPA Tables
 - 16 Reconciliation and Other Special Tables
- 17 Composite Indexes of Leading, Coincident, and Lagging Indicators
- 18 State and Local Government Fiscal Position in 1988
- 21 Annual Input-Output Accounts of the U.S. Economy, 1983

Blue pages: Current Business Statistics

(See page S-36 for subject index to Current Business Statistics)

Inside back cover: BEA Information

NOTE.—This issue of the **SURVEY** went to the printer on Mar. 13, 1989. It incorporates data from the following monthly BEA news releases:

- Gross National Product (Feb. 28),
- Personal Income and Outlays (Mar. 1), and
- Composite Indexes of Leading, Coincident, and Lagging Indicators (Mar. 3).

the BUSINESS SITUATION

PRELIMINARY estimates show that real GNP—a measure of production—increased at an annual rate of 2 percent in the fourth quarter of 1988, the same rate of increase shown in the advance estimates issued a month ago (see table 1 on page 16). The fourth-quarter increase in real gross domestic purchases—a measure of demand—was revised up $\frac{1}{2}$ percentage point to 3 percent at an annual rate. Increases in both the GNP price index (fixed weights) and the gross domestic purchases price index (fixed weights) were essentially unrevised at 4 percent at an annual rate.

Revisions in the major components of real GNP were small. The largest upward revision was in personal con-

sumption expenditures (\$4.1 billion), and the largest downward revisions were in net exports (\$2.6 billion) and fixed investment (\$2.1 billion). Within net exports, both exports and imports were revised up substantially (\$6.0 billion and \$8.5 billion, respectively).

The broad picture of the economy, as sketched in the last month's "Business Situation," was not altered by the revisions. All of the major components of real GNP, except government purchases, did less well in the fourth quarter than in the third: Personal consumption expenditures increased less than in the third quarter, fixed investment and inventory investment decreased after increases, and net exports decreased more than in the third quarter. Within net exports, however, the preliminary estimates show that increases in nonagricultural exports and in nonpetroleum imports were about as strong in the fourth quarter as in the third; the advance estimates for both had shown much smaller increases in the fourth quarter.

NOTE.—Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates. Quarter-to-quarter percent changes are compounded to annual rates. Real, or constant dollar, estimates are expressed in 1982 dollars.

Looking Ahead...

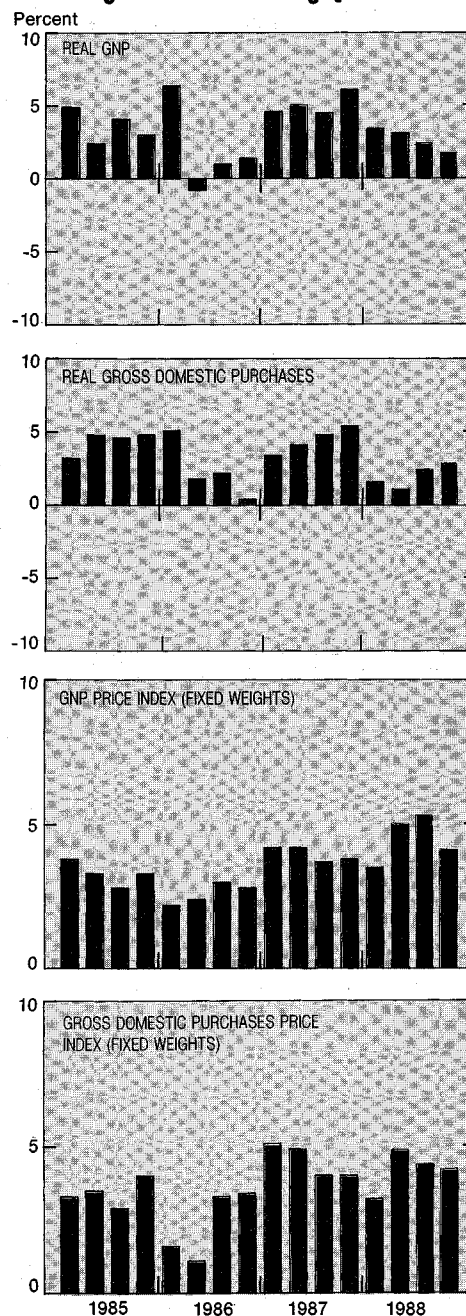
- **User's Guide.** An updated "User's Guide to BEA Information" will appear in the March SURVEY. It will list new prices, to be effective May 1, for some products. The price for magnetic tapes, for example, will be reduced.

- **Alternative Weighting of Real GNP.** An article considering the presentation by BEA of alternative weighting systems for real GNP will appear in an upcoming issue of the SURVEY.

- **Gross Product by Industry.** Preliminary 1988 estimates of gross product by industry will not be published in the April SURVEY. They will be delayed in order to incorporate several improvements. Publication of estimates for 1988 and earlier years that incorporate these improvements is planned for later this year.

- **U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1988.** Data on the cost to foreign direct investors of the ownership interests acquired or established in U.S. business enterprises in 1988, by industry and by country of foreign owner, will be presented in the May SURVEY. Selected operating data of the U.S. business enterprises will also be presented.

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

88-2-1

National Income and Product Accounts Tables

Selected NIPA Tables

New estimates in this issue: Fourth quarter and annual 1988, revised (*).

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 full set of estimates for 1985-87 is in the July 1988 issue of the SURVEY; 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* (GPO Stock No. 003-010-00174-7, price \$23.00). These publications are available from the Superintendent of Documents; see address on inside front cover.

The full set of NIPA tables is available on diskette for \$240 per year (12 updates, for the quarterly estimates prepared each month). For more information, write to the Bureau of Economic Analysis (BE-54), U.S. Department of Commerce, Washington, DC 20230.

Table 1.1.—Gross National Product

[Billions of dollars]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Gross national product	4,526.7	4,863.1	4,568.0	4,662.8	4,724.5	4,823.8	4,909.0	4,995.2
Personal consumption expenditures	3,012.1	3,227.2	3,058.2	3,076.3	3,128.1	3,194.6	3,261.2	3,325.1
Durable goods.....	421.9	451.1	441.4	422.0	437.8	449.8	452.9	464.0
Nondurable goods.....	997.9	1,047.4	1,006.6	1,012.4	1,016.2	1,036.6	1,060.8	1,076.1
Services.....	1,592.3	1,728.7	1,610.2	1,641.9	1,674.1	1,708.2	1,747.5	1,785.0
Gross private domestic investment	712.9	766.1	702.8	764.9	763.4	758.1	772.5	770.4
Fixed investment.....	673.7	717.5	688.3	692.9	698.1	714.4	722.8	734.8
Nonresidential.....	446.8	487.8	462.1	464.1	471.5	487.8	493.7	498.0
Structures.....	139.5	142.9	143.0	147.7	140.1	142.3	143.8	145.3
Producers' durable equipment.....	307.3	344.8	319.1	316.3	331.3	345.5	349.9	352.6
Residential.....	226.9	229.8	226.2	228.8	226.6	226.5	229.1	236.8
Change in business inventories.....	39.2	48.6	14.5	72.0	65.3	43.7	49.7	35.6
Nonfarm.....	40.7	42.4	17.8	72.8	49.4	33.1	41.9	45.2
Farm.....	-1.5	6.2	-3.3	-8	15.9	10.6	7.8	-9.6
Net exports of goods and services	-123.0	-94.3	-125.2	-125.7	-112.1	-90.4	-80.0	-94.8
Exports.....	428.0	520.2	440.4	459.7	487.8	507.1	536.1	549.7
Imports.....	551.1	614.5	565.6	585.4	599.9	597.5	616.0	644.5
Government purchases of goods and services	924.7	964.1	932.2	947.3	945.2	961.6	955.3	994.5
Federal.....	382.0	380.5	386.3	391.4	377.7	382.2	367.7	394.4
National defense.....	295.3	298.0	299.8	299.2	298.4	298.8	294.3	300.6
Nondefense.....	86.7	82.5	86.4	92.2	79.3	83.4	73.4	93.8
State and local.....	542.8	583.6	546.0	555.9	567.5	579.4	587.6	600.1

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]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Gross national product	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Personal consumption expenditures	2,521.0	2,592.1	2,545.2	2,531.7	2,559.8	2,579.0	2,603.8	2,626.0
Durable goods.....	390.9	409.6	406.5	387.6	401.1	410.6	410.4	416.5
Nondurable goods.....	890.5	900.0	891.9	890.5	892.7	893.6	904.5	909.3
Services.....	1,239.5	1,282.5	1,246.8	1,253.6	1,265.9	1,274.8	1,288.9	1,300.2
Gross private domestic investment	674.8	721.3	667.9	724.7	728.9	715.1	726.1	715.1
Fixed investment.....	640.4	678.8	654.9	657.6	662.9	679.7	686.6	685.8
Nonresidential.....	445.1	486.9	462.8	464.3	473.4	490.2	495.0	489.2
Structures.....	125.5	125.1	128.0	132.1	124.0	125.0	125.8	125.7
Producers' durable equipment.....	319.6	361.8	334.7	332.7	349.4	365.1	369.2	363.6
Residential.....	195.2	191.8	192.1	192.7	189.5	189.6	191.6	196.6
Change in business inventories.....	34.4	42.5	13.0	67.1	66.0	35.3	39.5	29.3
Nonfarm.....	36.9	40.0	18.3	68.2	51.9	30.1	40.4	37.7
Farm.....	-2.5	2.5	-5.3	-1.1	14.1	5.3	-8	-8.3
Net exports of goods and services	-128.9	-99.7	-130.7	-126.0	-109.0	-92.6	-93.9	-103.3
Exports.....	427.8	505.2	440.9	459.2	486.2	496.9	514.0	523.6
Imports.....	556.7	604.9	571.6	585.2	595.1	589.5	607.9	626.8
Government purchases of goods and services	780.2	781.4	782.9	792.6	776.4	783.8	773.5	791.8
Federal.....	339.0	328.1	342.1	347.7	327.8	331.6	320.1	332.8
National defense.....	264.9	261.4	269.5	268.2	264.6	263.6	256.4	261.1
Nondefense.....	74.1	66.6	72.6	79.5	63.2	67.9	63.7	71.7
State and local.....	441.2	453.3	440.8	444.9	448.7	452.2	453.4	459.1

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]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Gross national product	4,526.7	4,863.1	4,568.0	4,662.8	4,724.5	4,823.8	4,909.0	4,995.2
Final sales.....	4,487.5	4,814.6	4,553.5	4,590.7	4,659.2	4,780.1	4,859.3	4,959.6
Change in business inventories.....	39.2	48.6	14.5	72.0	65.3	43.7	49.7	35.6
Goods	1,792.5	1,939.3	1,812.9	1,849.3	1,879.5	1,928.0	1,960.1	1,989.5
Final sales.....	1,753.3	1,890.7	1,798.4	1,777.3	1,814.2	1,884.3	1,910.4	1,958.9
Change in business inventories.....	39.2	48.6	14.5	72.0	65.3	43.7	49.7	35.6
Durable goods.....	776.3	858.0	792.2	808.7	819.3	849.5	881.6	881.6
Final sales.....	749.7	826.9	789.3	758.2	792.7	831.6	836.4	846.9
Change in business inventories.....	26.6	31.1	2.9	50.5	26.6	17.8	45.1	34.7
Nondurable goods.....	1,016.2	1,081.3	1,020.7	1,040.7	1,060.1	1,078.5	1,078.5	1,107.9
Final sales.....	1,008.6	1,063.8	1,009.1	1,019.1	1,021.5	1,052.7	1,074.0	1,107.0
Change in business inventories.....	12.6	17.5	11.6	21.6	38.6	25.9	4.6	.9
Services.....	2,295.7	2,476.4	2,314.4	2,363.9	2,405.2	2,451.5	2,501.6	2,547.2
Structures.....	438.4	447.5	440.6	449.5	439.9	444.3	447.3	458.5

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]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Gross national product	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Final sales.....	3,812.6	3,952.6	3,852.2	3,855.9	3,890.1	3,949.9	3,969.9	4,000.3
Change in business inventories.....	34.4	42.5	13.0	67.1	66.0	35.3	39.5	29.3
Goods	1,663.3	1,762.5	1,677.5	1,713.9	1,748.1	1,762.4	1,768.9	1,770.6
Final sales.....	1,628.9	1,720.0	1,664.5	1,646.8	1,682.2	1,727.1	1,729.4	1,741.3
Change in business inventories.....	34.4	42.5	13.0	67.1	66.0	35.3	39.5	29.3
Durable goods.....	774.6	864.6	793.7	812.7	832.5	861.7	885.0	879.1
Final sales.....	750.7	836.9	790.8	767.2	809.0	845.8	844.6	848.4
Change in business inventories.....	23.9	27.7	2.9	45.5	23.5	15.9	40.4	30.7
Nondurable goods.....	888.8	897.9	883.8	901.2	915.6	900.7	884.0	891.5
Final sales.....	878.2	883.1	873.7	879.6	873.2	881.3	884.9	892.9
Change in business inventories.....	10.5	14.9	10.1	21.6	42.4	19.4	-9	-1.4
Services.....	1,801.1	1,854.4	1,806.6	1,822.3	1,833.4	1,846.1	1,862.8	1,875.4
Structures.....	382.6	378.2	381.1	386.7	374.6	376.7	377.7	383.7

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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	4,526.7	4,863.1	4,568.0	4,662.8	4,724.5	4,823.8	4,909.0	4,995.2
Less: Exports of goods and services.....	428.0	520.2	440.4	459.7	487.8	507.1	536.1	549.7
Plus: Imports of goods and services.....	551.1	614.5	565.6	585.4	599.9	597.5	616.0	644.5
Equals: Gross domestic purchases¹	4,649.7	4,957.4	4,693.2	4,788.4	4,836.6	4,914.2	4,989.0	5,090.0
Less: Change in business inventories.....	39.2	48.6	14.5	72.0	65.3	43.7	49.7	35.6
Equals: Final sales to domestic purchasers²	4,610.5	4,908.9	4,678.7	4,716.4	4,771.3	4,870.5	4,939.3	5,054.4

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 1.7.—Gross National Product by Sector

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	4,526.7	4,863.1	4,568.0	4,662.8	4,724.5	4,823.8	4,909.0	4,995.2
Gross domestic product	4,497.2	4,839.2	4,541.2	4,631.8	4,702.1	4,802.5	4,882.2	4,970.1
Business	3,855.5	4,148.1	3,893.8	3,972.9	4,028.1	4,117.5	4,185.2	4,261.5
Nonfarm.....	3,787.8	4,089.4	3,832.2	3,905.8	3,965.4	4,048.0	4,123.7	4,220.7
Nonfarm less housing.....	3,416.5	3,691.2	3,457.7	3,522.7	3,576.0	3,654.0	3,722.5	3,812.4
Housing.....	371.3	398.2	374.5	383.1	389.4	394.0	401.2	408.2
Farm.....	75.9	70.7	76.8	73.4	77.7	74.6	75.6	54.9
Statistical discrepancy.....	-8.1	-12.0	-15.1	-6.4	-15.0	-5.1	-14.0	-14.0
Households and institutions	168.9	188.4	171.7	176.4	180.9	185.6	191.2	196.0
Private households.....	9.2	9.5	9.2	9.3	9.3	9.4	9.6	9.7
Nonprofit institutions.....	159.8	178.9	162.5	167.1	171.6	176.1	181.6	186.3
Government	472.7	502.8	475.7	482.5	493.1	499.4	505.8	512.6
Federal.....	151.0	157.8	151.3	152.7	156.7	157.4	158.1	159.0
State and local.....	321.7	345.0	324.4	329.9	336.4	342.1	347.8	353.6
Rest of the world	29.5	23.9	26.8	31.0	22.4	21.3	26.8	25.1
Addendum:								
Gross domestic business product less housing.....	3,476.7							

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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Less: Exports of goods and services.....	427.8	505.2	440.9	459.2	486.2	496.9	514.0	523.6
Plus: Imports of goods and services.....	556.7	604.9	571.6	585.2	595.1	589.5	607.9	626.8
Equals: Gross domestic purchases¹	3,975.9	4,094.8	3,996.0	4,049.0	4,065.1	4,077.9	4,103.4	4,132.9
Less: Change in business inventories.....	34.4	42.5	13.0	67.1	66.0	35.3	39.5	29.3
Equals: Final sales to domestic purchasers²	3,941.5	4,052.3	3,983.0	3,981.9	3,999.1	4,042.6	4,063.8	4,103.6

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 1.8.—Gross National Product by Sector in Constant Dollars

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Gross domestic product	3,821.4	3,974.9	3,842.0	3,896.3	3,936.6	3,967.0	3,987.0	4,008.9
Business	3,322.5	3,464.6	3,341.2	3,393.6	3,430.5	3,458.9	3,475.1	3,494.1
Nonfarm.....	3,247.1	3,406.8	3,272.2	3,317.2	3,360.9	3,393.1	3,421.5	3,451.7
Nonfarm less housing.....	2,965.7	3,118.7	2,989.5	3,032.5	3,074.8	3,105.7	3,132.8	3,161.6
Housing.....	281.4	288.1	282.7	284.4	286.1	287.4	288.8	290.1
Farm.....	82.5	67.9	82.0	81.8	82.3	70.1	65.2	53.9
Statistical discrepancy.....	-7.0	-10.1	-13.0	-5.4	-12.8	-4.3	-11.6	-11.5
Households and institutions	129.0	135.6	130.0	130.7	133.3	134.4	136.8	138.0
Private households.....	8.8	9.0	8.8	8.8	8.9	8.9	9.0	9.1
Nonprofit institutions.....	120.2	126.6	121.2	121.9	124.4	125.5	127.8	128.9
Government	369.9	374.6	370.8	372.0	372.8	373.7	375.2	376.8
Federal.....	123.5	124.2	123.7	123.9	123.9	123.8	124.2	124.8
State and local.....	246.4	250.5	247.1	248.1	249.0	249.9	251.0	252.0
Rest of the world	25.6	20.2	23.3	26.7	19.5	18.3	22.4	20.8
Addendum:								
Gross domestic business product less housing.....	3,032.1							

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]							
	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product.....	4,526.7	4,863.1	4,568.0	4,662.8	4,724.5	4,823.8	4,909.0	4,995.2
Less: Capital consumption allowances with capital consumption adjustment.....	480.0	506.4	484.6	489.5	498.3	503.2	507.7	516.2
Capital consumption allowances without capital consumption adjustment.....	507.6	524.5	510.8	516.4	520.8	524.1	526.0	527.0
Less: Capital consumption adjustment.....	27.6	18.1	26.2	26.9	22.5	20.9	18.2	10.9
Equals: Net national product.....	4,046.7	4,356.8	4,083.4	4,173.3	4,226.2	4,320.5	4,401.3	4,479.0
Less: Indirect business tax and nontax liability.....	366.3	389.1	370.3	374.2	379.4	385.8	392.3	398.8
Business transfer payments.....	28.1	30.7	28.5	29.0	29.6	30.3	31.1	31.8
Statistical discrepancy.....	-8.1	-12.0	-15.1	-6.4	-15.0	-5.1	-14.0	
Plus: Subsidies less current surplus of government enterprises.....	18.3	16.0	8.3	25.6	18.6	19.2	8.8	17.4
Equals: National income.....	3,678.7	3,965.0	3,708.0	3,802.0	3,850.8	3,928.8	4,000.7	
Less: Corporate profits with inventory valuation and capital consumption adjustments.....	310.4	323.8	322.0	316.1	316.2	326.5	330.0	
Net interest.....	353.6	391.9	358.3	369.5	373.9	380.6	396.2	416.7
Contributions for social insurance.....	399.1	444.7	400.9	408.6	433.3	440.9	448.4	456.1
Wage accruals less disbursements.....	0	0	.2	-.2	0	0	0	0
Plus: Government transfer payments to persons.....	520.6	555.3	523.2	527.8	546.7	552.5	557.6	564.5
Personal interest income.....	527.0	576.3	538.0	550.0	554.2	563.7	581.9	605.5
Personal dividend income.....	88.6	96.3	89.9	91.9	93.5	95.0	97.3	99.4
Business transfer payments.....	28.1	30.7	28.5	29.0	29.6	30.3	31.1	31.8
Equals: Personal income.....	3,780.0	4,063.4	3,801.0	3,906.8	3,951.4	4,022.4	4,094.0	4,185.5

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

	[Billions of 1982 dollars]							
	1987	1988 ^r	1987	1988	1987	1988	1987	1988 ^r
Gross national product.....	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Less: Capital consumption allowances with capital consumption adjustment.....	460.8	479.6	463.0	468.2	472.9	477.3	481.9	486.4
Equals: Net national product.....	3,386.2	3,515.5	3,402.2	3,454.8	3,483.2	3,507.9	3,527.5	3,543.2
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	319.2	327.3	321.8	321.0	324.4	326.2	328.1	330.6
Statistical discrepancy.....	-7.0	-10.1	-13.0	-5.4	-12.8	-4.3	-11.6	
Equals: National income.....	3,074.0	3,198.2	3,093.4	3,139.3	3,171.5	3,186.0	3,211.1	

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

	[Billions of 1982 dollars]							
	1987	1988 ^r	1987	1988	1987	1988	1987	1988 ^r
Gross national product.....	3,847.0	3,995.1	3,865.3	3,923.0	3,956.1	3,985.2	4,009.4	4,029.7
Less: Net exports of goods and services.....	-128.9	-99.7	-130.7	-126.0	-109.0	-92.6	-93.9	-103.3
Exports.....	427.8	505.2	440.9	459.2	486.2	496.9	514.0	523.6
Imports.....	556.7	604.9	571.6	585.2	595.1	589.5	607.9	626.8
Equals: Gross domestic purchases.....	3,975.9	4,094.8	3,996.0	4,049.0	4,065.1	4,077.9	4,103.4	4,132.9
Plus: Command-basis net exports of goods and services.....	-124.3	-92.9	-126.5	-125.6	-111.2	-89.2	-78.9	-92.2
Command-basis exports ¹	432.4	512.1	445.1	459.6	489.9	500.3	529.0	534.6
Imports.....	556.7	604.9	571.6	585.2	595.1	589.5	607.9	626.8
Equals: Command-basis gross national product.....	3,851.6	4,002.0	3,869.4	3,923.4	3,953.9	3,988.7	4,024.5	4,040.8
Addendum:								
Terms of trade ²	101.0	101.4	101.0	100.1	99.5	100.7	103.0	102.1

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]							
	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
National income.....	3,678.7	3,965.0	3,708.0	3,802.0	3,850.8	3,928.8	4,000.7	
Compensation of employees.....	2,683.4	2,905.2	2,702.8	2,769.9	2,816.4	2,874.0	2,933.2	2,997.2
Wages and salaries.....	2,248.4	2,437.3	2,265.3	2,324.8	2,358.7	2,410.0	2,462.0	2,518.7
Government and government enterprises.....	420.1	446.1	423.2	429.2	437.1	442.9	449.1	455.4
Other.....	1,828.3	1,991.2	1,842.1	1,895.6	1,921.6	1,967.1	2,012.9	2,063.3
Supplements to wages and salaries.....	435.0	467.8	437.5	445.1	457.7	464.0	471.1	478.5
Employer contributions for social insurance.....	227.1	249.6	228.2	232.7	243.1	247.5	251.7	256.0
Other labor income.....	207.9	218.3	209.3	212.4	214.6	216.5	219.5	222.5
Proprietors' income with inventory valuation and capital consumption adjustments.....	312.9	324.7	306.8	326.0	323.9	328.8	321.6	324.7
Farm.....	43.0	36.3	35.2	47.0	44.7	43.4	30.9	26.1
Proprietors' income with inventory valuation adjustment.....	50.6	43.5	42.9	54.5	52.2	50.8	37.9	33.0
Capital consumption adjustment.....	-7.6	-7.2	-7.7	-7.5	-7.5	-7.3	-7.0	-6.9
Nonfarm.....	270.0	288.5	271.5	279.0	279.2	285.3	290.7	298.6
Proprietors' income with inventory valuation adjustment.....	-1.0	-1.3	-1.1	-1.7	-1.2	-1.7	-1.5	-0.9
Capital consumption adjustment.....	38.0	35.6	37.6	37.4	36.6	36.1	35.4	34.2
Rental income of persons with capital consumption adjustment.....	18.4	19.5	18.1	20.5	20.5	19.1	19.7	18.6
Rental income of persons.....	66.2	68.5	67.1	69.1	69.6	68.0	68.5	67.8
Capital consumption adjustment.....	-47.8	-49.0	-49.0	-48.6	-49.1	-49.0	-48.8	-49.2
Corporate profits with inventory valuation and capital consumption adjustments.....	310.4	323.8	322.0	316.1	316.2	326.5	330.0	
Corporate profits with inventory valuation adjustment.....	258.7	278.2	269.9	263.7	266.8	278.5	284.6	
Profits before tax.....	276.7	302.1	289.4	281.9	286.2	305.9	313.9	
Profits tax liability.....	133.8	140.9	140.0	136.2	136.9	143.2	144.8	
Profits after tax.....	142.9	161.3	149.5	145.7	149.4	162.7	169.1	
Dividends.....	95.5	104.5	97.0	99.3	101.3	103.1	105.7	108.0
Undistributed profits.....	47.4	56.8	52.4	46.4	48.1	59.6	63.4	
Inventory valuation adjustment.....	-18.0	-23.9	-19.5	-18.2	-19.4	-27.4	-29.3	-19.6
Capital consumption adjustment.....	51.7	45.6	52.1	52.4	49.4	48.0	45.4	39.7
Net interest.....	353.6	391.9	358.3	369.5	373.9	380.6	396.2	416.7
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments.....	176.6	183.0	182.1	179.9	179.3	183.2	185.2	
Net cash flow with inventory valuation and capital consumption adjustments.....	378.6	394.1	384.7	384.2	387.8	393.4	396.4	
Undistributed profits with inventory valuation and capital consumption adjustments.....	81.1	78.4	85.0	80.5	78.1	80.1	79.5	
Capital consumption allowances with capital consumption adjustment.....	297.5	315.7	299.7	303.7	309.8	313.3	316.8	322.9
Less: Inventory valuation adjustment.....	-18.0	-23.9	-19.5	-18.2	-19.4	-27.4	-29.3	-19.6
Equals: Net cash flow.....	396.6	418.1	404.2	402.4	407.3	420.8	425.7	

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

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Billions of dollars								
Gross domestic product of corporate business.....	2,717.9	2,926.8	2,752.6	2,793.0	2,845.1	2,901.1	2,954.2	
Capital consumption allowances with capital consumption adjustment.....	297.5	315.7	299.7	303.7	309.8	313.3	316.8	322.9
Net domestic product.....	2,420.4	2,611.1	2,452.9	2,489.3	2,535.4	2,587.8	2,637.4	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	257.5	274.7	261.6	262.8	267.7	271.8	278.0	281.3
Domestic income.....	2,162.9	2,336.4	2,191.3	2,226.5	2,267.6	2,316.1	2,359.4	
Compensation of employees... Wages and salaries... Supplements to wages and salaries.....	1,803.7 1,520.6 283.0	1,949.7 1,650.0 299.7	1,816.0 1,531.4 284.6	1,858.4 1,569.3 289.1	1,887.7 1,594.7 293.1	1,927.9 1,630.8 297.1	1,968.8 1,667.0 301.8	2,014.2 1,707.5 306.7
Corporate profits with inventory valuation and capital consumption adjustments.....	274.0	296.9	286.7	274.6	286.0	291.1	289.2	
Profits before tax... Profits tax liability... Profits after tax... Dividends... Undistributed profits.....	240.3 133.8 106.5 88.4 23.1	265.3 140.9 124.4 88.5 35.9	254.1 140.0 114.2 88.4 30.8	240.4 136.2 104.2 91.3 12.9	256.0 136.9 119.2 87.1 43.9	270.5 143.2 127.3 87.1 40.2	273.1 144.8 128.3 99.6 28.7	278.1 148.8 128.3 99.6 28.7
Inventory valuation adjustment.....	-18.0	-23.9	-19.5	-18.2	-19.4	-27.4	-29.3	-19.6
Capital consumption adjustment.....	51.7	45.6	52.1	52.4	49.4	48.0	45.4	39.7
Net interest.....	85.2	99.8	88.6	93.5	98.9	97.1	101.4	107.0
Gross domestic product of financial corporate business.....	204.4	219.8	205.7	207.4	212.0	217.1	222.2	
Gross domestic product of nonfinancial corporate business.....	2,513.5	2,707.1	2,546.9	2,585.6	2,633.2	2,684.0	2,732.1	
Capital consumption allowances with capital consumption adjustment.....	276.2	292.0	278.0	281.3	286.8	290.0	293.0	298.4
Net domestic product.....	2,237.3	2,415.0	2,268.8	2,304.3	2,346.4	2,394.0	2,439.1	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	239.8	255.7	243.6	244.5	249.2	253.0	258.8	261.8
Domestic income.....	1,997.5	2,159.4	2,025.3	2,059.7	2,097.2	2,141.1	2,180.3	
Compensation of employees... Wages and salaries... Supplements to wages and salaries.....	1,661.4 1,399.7 261.8	1,797.8 1,520.4 277.4	1,673.3 1,409.9 263.3	1,714.7 1,447.0 267.8	1,739.6 1,468.4 271.2	1,777.8 1,502.8 275.0	1,816.4 1,536.9 279.5	1,857.4 1,573.5 283.9
Corporate profits with inventory valuation and capital consumption adjustments.....	237.5	247.7	250.4	238.4	250.6	252.6	248.2	
Profits before tax... Profits tax liability... Profits after tax... Dividends... Undistributed profits.....	210.2 99.0 111.2 83.8 27.4	234.1 106.5 127.6 87.6 40.0	224.6 105.3 119.3 89.9 35.4	211.6 101.7 109.9 90.8 19.1	228.4 104.4 124.1 74.6 49.5	240.5 109.4 131.3 86.2 44.9	240.4 109.1 131.3 98.7 32.7	240.4 109.1 131.3 98.7 32.7
Inventory valuation adjustment.....	-18.0	-23.9	-19.5	-18.2	-19.4	-27.4	-29.3	-19.6
Capital consumption adjustment.....	45.3	37.6	45.3	45.0	41.5	39.5	37.1	32.1
Net interest.....	98.6	113.9	101.6	106.6	107.1	110.7	115.7	122.0
Billions of 1982 dollars								
Gross domestic product of nonfinancial corporate business.....	2,270.4	2,386.7	2,296.1	2,322.5	2,363.5	2,380.9	2,395.5	
Capital consumption allowances with capital consumption adjustment.....	269.4	279.3	270.6	273.2	275.7	278.1	280.6	283.0
Net domestic product.....	2,001.0	2,107.4	2,025.5	2,049.3	2,087.8	2,102.9	2,114.9	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	203.2	208.7	205.4	204.3	206.3	207.8	209.6	211.1
Domestic income.....	1,797.8	1,898.7	1,820.1	1,845.1	1,881.4	1,895.1	1,905.3	

Table 1.17.—Auto Output

[Billions of dollars]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Auto output.....	116.3	127.0	115.3	120.6	113.1	130.3	132.0	132.7
Final sales.....	109.4	125.3	126.2	106.6	117.8	129.3	128.0	126.2
Personal consumption expenditures.....	130.0	138.7	144.4	128.0	133.9	139.8	139.2	141.8
New autos.....	94.1	101.2	109.0	90.9	100.2	100.1	101.1	103.3
Net purchases of used autos..	35.9	37.5	35.4	37.0	33.7	39.7	38.1	38.5
Producers' durable equipment..	19.2	23.2	21.7	19.3	22.1	23.7	23.7	23.3
New autos.....	44.4	50.3	47.2	44.9	47.9	50.0	52.3	51.2
Net purchases of used autos..	-25.2	-27.1	-25.6	-25.6	-25.7	-26.4	-28.6	-27.9
Net exports of goods and services.....	-41.3	-38.2	-41.3	-42.3	-40.1	-35.8	-36.4	-40.5
Exports.....	6.6	8.8	6.4	8.1	8.2	8.3	9.8	9.0
Imports.....	47.9	47.0	47.7	50.3	48.3	44.1	46.2	49.5
Government purchases of goods and services.....	1.5	1.7	1.4	1.6	1.9	1.6	1.5	1.6
Change in business inventories of new and used autos.....	6.9	1.7	-10.8	14.0	-4.7	1.1	4.0	6.4
New.....	6.7	6	-12.4	14.0	-9.1	3.4	2.7	5.5
Used.....	.2	1.1	1.6	0	4.4	-2.3	1.3	.9
Addenda:								
Domestic output of new autos ¹	94.8	101.7	90.1	98.7	88.7	104.2	103.0	110.9
Sales of imported new autos ² ..	55.0	59.7	60.2	57.2	60.2	60.6	60.2	57.8

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]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Auto output.....	100.6	107.5	99.2	102.9	96.0	111.2	111.5	111.4
Final sales.....	95.1	106.7	109.0	91.4	101.0	110.4	108.5	107.0
Personal consumption expenditures.....	108.8	118.6	120.2	105.3	110.4	115.5	113.7	114.8
New autos.....	80.0	84.4	92.4	76.5	84.3	83.9	84.1	85.2
Net purchases of used autos..	28.8	29.2	27.8	28.8	26.0	31.6	29.6	29.6
Producers' durable equipment..	16.3	19.8	18.6	16.4	19.0	20.1	20.3	19.7
New autos.....	37.7	42.0	40.0	37.8	40.3	41.9	43.5	42.2
Net purchases of used autos..	-21.5	-22.2	-21.4	-21.4	-21.2	-21.8	-22.5	
Net exports of goods and services.....	-31.4	-23.1	-31.1	-31.8	-30.1	-26.5	-26.8	-28.9
Exports.....	5.4	7.1	5.3	6.6	6.7	6.8	7.9	7.2
Imports.....	36.8	35.2	36.3	38.4	36.8	33.3	34.7	36.1
Government purchases of goods and services.....	1.4	1.5	1.3	1.4	1.7	1.4	1.3	1.4
Change in business inventories of new and used autos.....	5.5	.8	-9.8	11.5	-4.9	.8	3.0	4.4
New.....	5.3	0	-11.2	11.5	-8.5	2.8	2.0	3.7
Used.....	.2	.8	1.3	0	3.6	-2.0	1.1	.7
Addenda:								
Domestic output of new autos ¹	80.5	84.5	75.8	83.1	74.2	87.3	85.4	91.3
Sales of imported new autos ² ..	46.8	49.8	51.0	48.1	50.7	50.8	50.1	47.7

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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Truck output ¹	59.6	67.0	58.0	64.6	65.8	65.3	64.3	72.5
Final sales	58.3	66.6	61.6	60.9	66.2	65.4	67.3	67.5
Personal consumption expenditures.....	27.7	29.2	29.1	27.3	28.7	28.8	29.8	29.4
Producers' durable equipment.....	33.0	37.3	34.3	34.2	36.4	36.1	37.4	39.2
Net exports of goods and services.....	-7.0	-5.6	-6.6	-5.6	-4.9	-5.3	-5.6	-6.7
Exports.....	3.3	3.8	3.3	4.2	4.1	3.7	3.8	3.8
Imports.....	10.3	9.5	9.9	9.8	9.0	9.0	9.4	10.5
Government purchases of goods and services.....	4.7	5.8	4.8	5.0	6.0	5.8	5.7	5.6
Change in business inventories	1.3	.4	-3.6	3.7	-4	0	-3.0	5.1

1. Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Truck output ¹	50.8	56.2	49.4	54.9	55.8	55.5	54.1	59.2
Final sales	49.7	55.9	52.5	51.9	56.2	55.5	56.5	55.3
Personal consumption expenditures.....	23.5	24.5	24.8	23.0	24.2	24.3	25.1	24.4
Producers' durable equipment.....	28.2	31.2	29.2	29.3	31.0	30.8	31.3	31.8
Net exports of goods and services.....	-6.0	-4.7	-5.6	-4.7	-4.1	-4.5	-4.7	-5.5
Exports.....	2.8	3.2	2.8	3.6	3.5	3.1	3.2	3.1
Imports.....	8.8	7.9	8.5	8.3	7.6	7.6	7.8	8.6
Government purchases of goods and services.....	4.0	4.8	4.1	4.3	5.1	4.9	4.8	4.6
Change in business inventories	1.1	.3	-3.0	3.0	-3	0	-2.3	4.0

1. Includes new trucks only.

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Personal income	3,780.0	4,063.4	3,801.0	3,906.8	3,951.4	4,022.4	4,094.0	4,185.5
Wage and salary disbursements	2,248.4	2,437.3	2,265.1	2,325.1	2,358.7	2,410.0	2,462.0	2,518.7
Commodity-producing industries.....	649.8	695.6	652.8	665.5	676.0	689.1	701.3	716.1
Manufacturing.....	490.3	522.6	492.6	501.3	509.6	517.4	525.9	537.7
Distributive industries.....	531.7	578.9	536.8	547.3	558.2	572.1	585.8	599.4
Service industries.....	646.8	716.8	652.4	682.8	687.4	705.9	725.8	747.8
Government and government enterprises.....	420.1	446.1	423.0	429.5	437.1	442.9	449.1	455.4
Other labor income	207.9	218.3	209.3	212.4	214.6	216.5	219.5	222.5
Proprietors' income with inventory valuation and capital consumption adjustments	312.9	324.7	306.8	326.0	323.9	328.8	321.6	324.7
Farm.....	43.0	36.3	35.2	47.0	44.7	43.4	30.9	26.1
Nonfarm.....	270.0	288.5	271.5	279.0	279.2	285.3	290.7	298.6
Rental income of persons with capital consumption adjustment	18.4	19.5	18.1	20.5	20.5	19.1	19.7	18.6
Personal dividend income	88.6	96.3	89.9	91.9	93.5	95.0	97.3	99.4
Personal interest income	527.0	576.3	533.0	550.0	554.2	563.7	581.9	605.5
Transfer payments	548.8	586.0	551.7	556.8	576.3	582.8	588.6	596.3
Old-age, survivors, disability, and health insurance benefits.....	282.9	301.8	284.5	286.5	298.1	300.4	303.1	305.7
Government unemployment insurance benefits.....	14.7	13.3	14.5	13.4	13.9	13.4	13.4	12.7
Veterans benefits.....	16.6	17.0	16.6	16.6	17.0	17.1	17.1	16.9
Government employees retirement benefits.....	75.7	81.7	76.7	77.1	80.4	82.3	81.6	82.4
Other transfer payments.....	158.9	172.1	159.4	163.3	166.9	169.6	173.4	178.6
Aid to families with dependent children.....	16.7	17.2	16.8	16.8	16.9	17.1	17.2	17.4
Other.....	142.1	155.0	142.7	146.5	150.0	152.5	156.2	161.1
Less: Personal contributions for social insurance	172.0	195.1	172.7	175.9	190.2	193.5	196.7	200.1
Less: Personal tax and nontax payments	570.3	590.4	576.2	591.0	575.8	601.0	586.5	598.2
Equals: Disposable personal income	3,209.7	3,473.0	3,224.9	3,315.8	3,375.6	3,421.5	3,507.5	3,587.4
Less: Personal outlays	3,105.5	3,327.2	3,152.3	3,171.8	3,225.7	3,293.6	3,361.8	3,427.6
Personal consumption expenditures.....	3,012.1	3,227.2	3,058.2	3,076.3	3,128.1	3,194.6	3,261.2	3,325.1
Interest paid by consumers to business.....	92.1	98.9	92.8	94.4	96.4	98.2	99.8	101.3
Personal transfer payments to foreigners (net).....	1.3	1.0	1.3	1.2	1.2	.8	.8	1.2
Equals: Personal saving	104.2	145.8	72.6	144.0	149.9	127.8	145.7	159.8
Addenda:								
Disposable personal income: Total, billions of 1982 dollars	2,686.3	2,789.5	2,683.9	2,728.9	2,762.3	2,762.2	2,800.4	2,833.1
Per capita:								
Current dollars.....	13,157	14,108	13,204	13,543	13,760	13,919	14,231	14,517
1982 dollars.....	11,012	11,331	10,989	11,145	11,260	11,237	11,362	11,465
Population (mid-period, millions)	243.9	246.2	244.2	244.8	245.3	245.8	246.5	247.1
Personal saving as percentage of disposable personal income	3.2	4.2	2.3	4.3	4.4	3.7	4.2	4.5

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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Personal consumption expenditures	3,012.1	3,227.2	3,058.2	3,076.3	3,128.1	3,194.6	3,261.2	3,325.1
Durable goods	421.9	451.1	441.4	422.0	437.8	449.8	452.9	464.0
Motor vehicles and parts.....	195.8	208.6	212.9	194.0	202.2	208.7	210.2	213.5
Furniture and household equipment.....	148.3	159.0	150.2	149.4	154.7	159.5	159.5	162.3
Other.....	77.8	83.5	78.3	78.6	81.0	81.5	83.2	88.3
Nondurable goods	997.9	1,047.4	1,006.6	1,012.4	1,016.2	1,036.6	1,060.8	1,076.1
Food.....	526.4	551.9	528.4	530.9	535.9	546.3	558.9	566.6
Clothing and shoes.....	178.2	186.5	180.4	181.2	180.5	183.2	188.4	193.7
Gasoline and oil.....	77.0	78.8	79.3	78.3	76.3	78.8	80.5	79.5
Other nondurable goods.....	216.3	230.2	218.5	220.9	223.5	228.2	233.0	236.3
Fuel oil and coal.....	16.2	17.2	16.0	16.6	17.0	17.2	17.4	17.4
Other.....	200.1	213.0	202.5	204.2	206.6	211.0	215.6	218.8
Services	1,592.3	1,728.7	1,610.2	1,641.9	1,674.1	1,708.2	1,747.5	1,785.0
Housing.....	467.7	501.4	471.1	481.8	490.1	496.4	506.0	513.2
Household operation.....	186.3	196.5	189.6	188.2	190.9	193.5	199.7	201.8
Electricity and gas.....	83.8	92.7	90.8	88.8	90.2	90.9	94.6	95.3
Other.....	97.5	103.7	98.8	99.5	100.7	102.7	105.1	108.5
Transportation.....	106.2	116.9	105.8	112.0	111.3	116.4	118.5	121.4
Medical care.....	360.3	404.1	367.3	374.4	384.9	396.6	410.4	424.5
Other.....	471.8	509.8	476.4	485.4	497.0	505.2	512.9	524.1

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

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Personal consumption expenditures	2,521.0	2,592.1	2,545.2	2,531.7	2,559.8	2,579.0	2,603.8	2,626.0
Durable goods	390.9	409.6	406.5	387.6	401.1	410.6	410.4	416.5
Motor vehicles and parts.....	170.4	177.8	184.2	166.7	173.5	179.0	178.7	179.9
Furniture and household equipment.....	151.0	160.8	152.7	151.9	157.3	161.8	161.0	162.9
Other.....	69.6	71.1	69.7	69.0	70.3	69.8	70.7	73.7
Nondurable goods	890.5	900.0	891.9	890.5	892.7	893.6	904.5	909.3
Food.....	450.4	453.6	449.4	449.2	451.4	453.2	453.8	456.2
Clothing and shoes.....	160.5	161.1	162.9	160.3	159.6	163.3	164.2	164.3
Gasoline and oil.....	98.3	99.6	97.8	98.4	98.8	99.8	99.5	100.3
Other nondurable goods.....	181.3	185.7	181.7	182.6	183.0	184.2	187.0	188.5
Fuel oil and coal.....	21.1	22.5	20.4	21.4	22.0	21.8	22.4	23.7
Other.....	160.2	163.2	161.4	161.2	161.0	162.4	164.6	164.8
Services	1,239.5	1,282.5	1,246.8	1,253.6	1,265.9	1,274.8	1,288.9	1,300.2
Housing.....	358.3	366.4	359.3	361.7	363.6	365.6	367.7	368.5
Household operation.....	157.0	163.2	159.2	158.1	160.4	161.1	165.9	165.6
Electricity and gas.....	79.0	82.0	80.5	79.2	80.5	80.6	83.8	83.0
Other.....	78.0	81.3	78.6	79.0	80.0	80.4	82.1	82.6
Transportation.....	89.3	93.6	90.1	90.8	91.7	92.9	94.2	95.5
Medical care.....	268.2	282.1	270.9	274.0	276.9	279.5	283.4	288.6
Other.....	366.6	377.2	367.3	369.0	373.2	375.8	377.7	382.1

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

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Merchandise exports	254.8	322.1	264.8	276.7	300.8	316.9	331.0	339.8
Foods, feeds, and beverages.....	24.6	33.3	28.1	25.4	30.1	32.8	36.2	34.3
Industrial supplies and materials.....	66.5	83.2	68.2	71.0	77.8	82.1	86.0	86.9
Durable goods.....	20.9	27.9	21.5	22.8	24.6	28.0	28.4	30.5
Nondurable goods.....	45.6	55.3	46.7	48.1	53.3	54.1	57.6	56.4
Capital goods, except autos.....	88.1	111.8	93.3	96.5	105.4	109.2	114.1	118.4
Autos.....	26.3	32.7	25.4	30.5	31.7	32.2	32.2	34.5
Consumer goods.....	18.0	23.8	18.6	19.3	21.2	22.8	24.9	26.3
Durable goods.....	7.4	10.6	7.7	8.1	9.3	10.1	11.4	11.8
Nondurable goods.....	10.5	13.2	10.9	11.1	11.9	12.8	13.5	14.5
Other.....	31.3	37.3	31.2	34.1	34.6	37.8	37.5	39.4
Durable goods ¹	15.7	18.7	15.6	17.0	17.3	18.9	18.8	19.7
Nondurable goods ¹	15.7	18.7	15.6	17.0	17.3	18.9	18.8	19.7
Merchandise imports	413.0	449.3	421.7	438.0	441.7	439.4	448.6	467.5
Foods, feeds, and beverages.....	24.7	24.9	24.8	25.1	26.0	28.8	25.0	25.0
Industrial supplies and materials, excluding petroleum.....	66.6	77.2	66.2	72.3	76.7	75.3	77.4	79.3
Durable goods.....	35.6	41.7	35.1	38.6	41.8	40.1	41.2	43.9
Nondurable goods.....	31.0	35.5	31.0	33.7	35.0	35.2	36.2	35.5
Petroleum and products.....	42.9	39.3	51.0	45.2	39.8	41.1	39.4	37.0
Autos.....	84.8	101.3	87.0	93.2	96.4	100.7	101.9	106.2
Consumer goods.....	85.2	88.0	84.1	88.7	87.4	84.5	86.4	93.5
Durable goods.....	88.7	96.4	88.1	92.0	94.2	92.8	96.1	102.5
Nondurable goods.....	49.0	52.8	48.8	50.6	51.5	50.7	52.6	56.5
Other.....	39.7	49.6	39.4	41.4	42.8	42.1	43.4	45.9
Durable goods ¹	20.2	22.2	20.5	21.4	21.1	21.1	22.4	24.1
Nondurable goods ¹	10.1	11.1	10.2	10.7	10.5	10.6	11.2	12.0
Nondurable goods ¹	10.1	11.1	10.2	10.7	10.5	10.6	11.2	12.0
Addenda:								
Exports of agricultural products ²	29.5	38.8	33.1	30.5	36.1	38.5	41.6	39.1
Exports of nonagricultural products.....	225.3	283.3	231.7	246.2	264.7	278.4	289.4	300.7
Imports of nonpetroleum products.....	370.1	410.0	370.6	392.8	401.9	398.3	409.2	430.6

1. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
2. 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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Merchandise exports	280.1	341.9	291.6	304.6	329.0	339.1	345.9	353.6
Foods, feeds, and beverages.....	29.9	33.4	34.3	30.5	34.1	34.9	33.2	31.4
Industrial supplies and materials.....	69.7	79.9	70.4	72.0	76.9	79.4	81.3	82.0
Durable goods.....	21.9	26.7	22.2	23.2	24.3	27.1	26.8	28.8
Nondurable goods.....	47.8	53.1	48.2	48.9	52.6	52.3	54.4	53.2
Capital goods, except autos.....	109.5	144.3	116.4	124.5	138.0	140.6	147.1	151.6
Autos.....	23.2	28.5	22.4	26.8	27.9	28.3	28.0	29.8
Consumer goods.....	16.7	21.3	17.3	17.6	19.1	20.5	22.2	23.2
Durable goods.....	7.3	9.9	7.5	7.8	8.8	9.4	10.4	10.8
Nondurable goods.....	9.5	11.4	9.8	9.8	10.3	11.1	11.8	12.4
Other.....	31.0	34.5	30.8	33.2	33.0	35.4	34.1	35.6
Durable goods ¹	15.5	17.3	15.4	16.6	16.5	17.7	17.0	17.8
Nondurable goods ¹	15.5	17.3	15.4	16.6	16.5	17.7	17.0	17.8
Merchandise imports	439.0	469.3	449.5	461.0	463.1	459.1	470.9	484.0
Foods, feeds, and beverages.....	23.9	22.7	23.8	23.7	23.8	21.7	22.7	22.4
Industrial supplies and materials, excluding petroleum.....	74.2	74.4	71.8	77.0	77.1	72.8	73.7	73.8
Durable goods.....	39.8	40.2	38.2	41.1	42.0	38.8	39.3	40.8
Nondurable goods.....	34.5	34.1	33.6	35.9	35.1	34.0	34.4	33.0
Petroleum and products.....	77.9	86.2	88.0	81.4	82.2	85.4	87.1	90.1
Autos.....	99.4	122.2	104.0	112.2	116.4	121.5	125.0	126.0
Consumer goods.....	68.1	67.0	67.2	69.9	67.7	64.8	65.9	69.7
Durable goods.....	77.1	78.1	76.2	77.8	77.6	75.0	77.7	82.2
Nondurable goods.....	43.8	44.1	43.5	44.1	43.8	42.2	44.0	46.7
Other.....	33.4	34.0	32.7	33.7	33.8	32.8	33.8	35.5
Durable goods ¹	13.3	18.6	18.5	18.9	18.1	17.8	18.8	19.8
Nondurable goods ¹	9.2	9.3	9.2	9.5	9.1	8.9	9.4	9.9
Nondurable goods ¹	9.2	9.3	9.2	9.5	9.1	8.9	9.4	9.9
Addenda:								
Exports of agricultural products ²	34.9	38.3	39.7	35.2	39.3	39.8	37.9	36.0
Exports of nonagricultural products.....	245.2	303.6	252.0	269.4	289.7	299.3	308.0	317.6
Imports of nonpetroleum products.....	361.1	383.1	361.5	379.6	380.9	373.7	383.8	393.9

1. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
2. 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]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross saving	560.4	642.2	556.8	603.4	627.0	634.1	665.4	.....
Gross private saving	665.3	730.6	642.2	714.1	726.3	711.2	732.9	.....
Personal saving.....	104.2	145.8	72.6	144.0	149.9	127.8	145.7	159.8
Undistributed corporate profits with inventory valuation and capital consumption adjustments.....	81.1	78.4	85.0	80.5	78.1	80.1	79.5	.....
Undistributed profits.....	47.4	56.8	52.4	46.4	48.1	59.6	63.4	.....
Inventory valuation adjustment.....	-18.0	-23.9	-19.5	-18.2	-19.4	-27.4	-29.3	-19.6
Capital consumption adjustment.....	51.7	45.6	52.1	52.4	49.4	48.0	45.4	39.7
Corporate capital consumption allowances with capital consumption adjustment.....	297.5	315.7	299.7	303.7	309.8	313.3	316.8	322.9
Noncorporate capital consumption allowances with capital consumption adjustment.....	182.5	190.7	184.9	185.8	188.5	189.9	190.9	193.3
Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Government surplus or deficit (-), national income and product accounts	-104.9	-88.4	-85.5	-110.7	-99.2	-77.1	-67.5	.....
Federal.....	-157.8	-143.3	-138.3	-160.4	-155.1	-133.3	-123.5	.....
State and local.....	52.9	54.9	52.9	49.7	55.8	56.2	56.0	.....
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Gross investment	552.3	630.1	541.7	597.0	612.0	629.0	651.4	628.2
Gross private domestic investment	712.9	766.1	702.8	764.9	763.4	758.1	772.5	770.4
Net foreign investment	-160.6	-135.9	-161.1	-167.8	-151.3	-129.1	-121.1	-142.2
Statistical discrepancy	-8.1	-12.0	-15.1	-6.4	-15.0	-5.1	-14.0	.....

Table 5.12.—Fixed Investment by Type

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Fixed investment	673.7	717.5	688.3	692.9	698.1	714.4	722.8	734.8
Nonresidential	446.8	487.8	462.1	464.1	471.5	487.8	493.7	498.0
Structures.....	139.5	142.9	143.0	147.7	140.1	142.3	143.8	145.3
Nonresidential buildings, excluding farm.....	92.6	94.3	95.0	96.6	93.3	95.7	93.5	94.9
Public utilities.....	28.4	30.2	28.9	30.8	27.7	28.8	32.1	32.3
Mining exploration, shafts, and wells.....	13.9	14.5	14.6	15.8	15.1	14.3	14.6	14.0
Other.....	4.5	3.8	4.6	4.6	4.0	3.5	3.6	4.1
Producers' durable equipment	307.3	344.8	319.1	316.3	331.3	345.5	349.9	352.6
Information processing and related equipment.....	101.2	110.6	105.7	102.8	107.0	111.5	112.9	111.1
Industrial equipment.....	70.6	82.7	71.4	74.2	77.2	81.3	83.8	88.4
Transportation and related equipment.....	67.8	77.5	72.1	68.5	74.2	78.7	79.0	78.1
Other.....	67.6	74.0	69.9	70.9	73.0	74.0	74.1	75.1
Residential	226.9	229.8	226.2	228.8	226.6	226.5	229.1	236.8
Single-family structures.....	114.5	117.1	115.0	117.3	116.5	116.2	115.4	120.4
Multifamily structures.....	25.5	21.2	23.9	24.1	22.1	20.7	21.2	20.9
Other.....	87.0	91.4	87.3	87.4	87.9	89.6	92.6	95.6

Table 5.13.—Fixed Investment by Type in Constant Dollars

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Fixed investment	640.4	678.8	654.9	657.6	662.9	679.7	686.6	685.8
Nonresidential	445.1	486.9	462.8	464.8	473.4	490.2	495.0	489.2
Structures.....	125.5	125.1	128.0	132.1	124.0	125.0	125.8	125.7
Nonresidential buildings, excluding farm.....	77.1	76.5	78.3	79.4	76.1	78.0	75.7	76.2
Public utilities.....	25.7	26.5	26.0	27.6	24.6	25.4	23.1	28.0
Mining exploration, shafts, and wells.....	18.8	18.9	19.7	21.1	19.8	18.7	19.0	18.1
Other.....	3.9	3.2	4.0	4.0	3.4	2.9	3.0	3.3
Producers' durable equipment	319.6	361.8	334.7	332.7	349.4	365.1	369.2	363.6
Information processing and related equipment.....	139.4	162.4	148.0	147.0	155.9	165.0	167.4	161.3
Industrial equipment.....	61.4	68.9	62.1	63.4	65.2	68.0	69.9	72.4
Transportation and related equipment.....	59.1	66.7	62.9	59.8	64.9	68.3	68.0	65.7
Other.....	59.7	63.8	61.8	62.5	63.4	63.3	63.9	64.2
Residential	195.2	191.8	192.1	192.7	189.5	189.6	191.6	196.6
Single-family structures.....	97.5	96.7	96.5	97.3	96.2	96.3	95.5	98.8
Multifamily structures.....	21.7	17.5	20.1	20.0	18.2	17.2	17.5	17.1
Other.....	76.0	77.6	75.5	75.4	75.2	76.1	78.6	80.7

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

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
National income without capital consumption adjustment	3,644.4	3,940.0	3,675.0	3,768.3	3,821.4	3,901.1	3,975.6	
Domestic industries	3,614.9	3,916.1	3,648.2	3,737.3	3,799.1	3,879.8	3,948.9	
Private industries.....	3,085.7	3,352.7	3,115.5	3,196.8	3,246.7	3,320.2	3,381.8	
Agriculture, forestry, and fisheries.....	88.2	82.8	80.5	92.6	90.9	90.2	77.3	
Mining.....	31.0	35.9	32.7	35.2	35.3	36.1	36.5	
Construction.....	196.7	211.7	197.0	200.1	203.4	210.0	214.0	
Manufacturing.....	727.4	784.1	740.9	747.6	766.4	780.0	788.0	
Durable goods.....	419.4	446.6	424.7	420.6	432.7	445.9	450.4	
Nondurable goods.....	308.0	337.5	316.3	327.0	333.7	334.1	337.7	
Transportation and public utilities.....	276.8	298.7	278.8	285.8	286.4	296.8	304.0	
Transportation.....	120.7	130.8	120.6	124.4	124.8	129.4	133.0	
Communication.....	76.3	80.1	78.2	78.4	77.3	80.1	82.3	
Electric, gas, and sanitary services.....	79.9	87.7	79.9	83.1	84.2	87.3	88.8	
Wholesale trade.....	213.6	230.1	216.2	219.8	225.0	224.8	231.0	
Retail trade.....	316.2	339.8	319.8	324.6	331.4	336.5	342.6	
Finance, insurance, and real estate.....	524.0	578.5	529.8	545.9	553.6	567.2	585.1	
Services.....	711.6	791.0	719.8	745.1	754.4	778.7	803.2	
Government and government enterprises	529.2	563.4	532.7	540.5	552.3	559.6	567.1	
Rest of the world	29.5	23.9	26.8	31.0	22.4	21.3	26.8	

Table 6.18B.—Corporate Profits by Industry

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Corporate profits with inventory valuation and capital consumption adjustments	310.4	323.8	322.0	316.1	316.2	326.5	330.0	
Domestic industries	274.0	286.9	286.7	274.6	286.0	291.1	289.2	
Financial.....	36.5	39.2	36.3	36.2	35.4	38.5	41.0	
Nonfinancial.....	237.5	247.7	250.4	238.4	250.6	252.6	248.2	
Rest of the world	36.4	36.9	35.3	41.4	30.2	35.4	40.8	
Corporate profits with inventory valuation adjustment	258.7	278.2	269.9	263.7	266.8	278.5	284.6	
Domestic industries	222.3	241.3	234.6	222.2	236.6	243.1	243.8	
Financial.....	30.1	31.2	29.5	28.8	27.6	30.0	32.7	
Federal Reserve banks.....	16.0	18.1	16.2	16.2	17.5	17.4	18.2	
Other.....	14.1	13.1	13.4	12.6	10.1	12.6	14.5	
Nonfinancial.....	192.1	210.1	205.1	193.4	209.0	213.1	211.1	
Manufacturing	96.8	111.6	107.0	101.7	110.6	114.5	111.4	
Durable goods.....	36.5	37.7	40.9	29.4	33.9	41.5	39.0	
Primary metal industries.....	1.4	4.6	1.9	2.6	3.2	5.1	5.2	
Fabricated metal products.....	5.7	6.5	7.2	6.7	8.0	7.5	5.4	
Machinery, except electrical.....	3.2	4.8	4.6	1.7	3.3	5.5	5.9	
Electric and electronic equipment.....	3.2	3.5	5.5	-8	1.2	4.1	4.4	
Motor vehicles and equipment.....	7.3	5.2	5.6	4.5	4.2	4.6	5.8	
Other.....	15.7	13.2	16.2	14.6	14.0	14.7	12.4	
Nondurable goods.....	60.3	73.9	66.1	72.4	76.8	73.0	72.3	
Food and kindred products.....	12.8	16.6	14.0	14.9	15.9	17.5	15.9	
Chemicals and allied products.....	13.5	18.7	14.4	15.3	19.1	18.6	18.4	
Petroleum and coal products.....	12.2	16.4	14.7	18.8	17.4	14.8	16.8	
Other.....	21.9	22.3	22.9	23.4	24.5	22.1	21.2	
Transportation and public utilities.....	34.9	37.3	34.0	36.1	34.5	38.2	39.3	
Wholesale and retail trade.....	42.8	38.6	44.1	43.0	43.9	37.0	36.6	
Other.....	17.6	22.7	20.0	12.6	20.0	23.4	23.8	
Rest of the world	36.4	36.9	35.3	41.4	30.2	35.4	40.8	

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

[Index numbers, 1982=100]

	1987	1988 ^r	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	119.1	124.1	119.7	120.8	121.8	123.3	124.9	126.2
Personal consumption expenditures	120.4	125.6	121.1	122.5	123.2	124.9	126.5	127.9
Durable goods.....	109.7	112.5	110.2	111.0	111.4	111.9	112.8	113.9
Nondurable goods.....	112.6	117.2	113.4	114.3	114.6	116.7	118.2	119.4
Services.....	129.0	135.2	129.6	131.5	132.6	134.4	136.0	137.8
Gross private domestic investment								
Fixed investment.....	108.8	111.6	109.3	109.9	110.8	111.3	111.6	112.7
Nonresidential.....	106.3	109.3	107.0	107.5	108.3	109.0	109.4	110.6
Structures.....	105.1	108.3	105.8	106.4	107.5	107.8	108.5	109.4
Producers' durable equipment.....	107.9	110.0	107.7	108.1	108.9	109.8	110.0	111.3
Residential.....	115.9	119.5	117.4	118.3	119.2	119.3	119.4	120.2
Change in business inventories.....								
Net exports of goods and services								
Exports.....	106.0	111.6	106.4	107.0	108.7	110.5	113.0	113.9
Imports.....	100.8	105.2	101.9	103.0	103.9	105.3	105.4	106.2
Government purchases of goods and services	119.6	124.9	120.1	121.2	122.9	124.3	125.7	126.6
Federal.....	113.5	117.7	113.7	114.4	116.3	117.2	118.5	118.9
National defense.....	114.0	117.6	114.2	114.8	116.6	117.4	118.0	118.3
Nondefense.....	112.1	118.2	112.5	113.6	115.7	116.9	119.7	120.2
State and local.....	124.1	130.2	124.9	126.1	127.8	129.5	131.0	132.3
Addenda:								
Final sales.....	119.0	123.9	119.5	120.6	121.7	123.2	124.8	126.1
Personal consumption expenditures, food.....	117.2	122.2	117.8	118.6	119.2	121.0	123.7	124.9
Personal consumption expenditures, energy.....	91.7	92.4	93.4	92.9	91.1	92.3	93.2	92.9
Other personal consumption expenditures.....	124.9	130.7	125.5	127.2	128.3	130.0	131.3	133.1

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]

	1987	1988 ^r	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	119.1	124.1	119.7	120.8	121.8	123.3	124.9	126.2
Final sales.....	119.0	123.9	119.5	120.6	121.7	123.2	124.8	126.1
Change in business inventories.....								
Goods	111.0	115.1	111.4	112.1	112.6	114.3	116.2	117.2
Final sales.....	110.8	114.9	111.2	111.9	112.5	114.1	116.0	117.1
Change in business inventories.....								
Durable goods.....	107.1	108.1	107.2	107.0	107.2	107.6	108.4	109.0
Final sales.....	107.0	108.2	107.2	107.1	107.3	107.7	108.5	109.2
Change in business inventories.....								
Nondurable goods.....	113.7	119.8	114.3	115.5	116.3	118.7	121.4	122.8
Final sales.....	113.5	119.6	114.1	115.3	116.1	118.5	121.2	122.5
Change in business inventories.....								
Services	127.6	133.6	128.2	129.8	131.2	132.8	134.3	135.9
Structures.....	110.7	114.4	111.7	112.4	113.5	113.9	114.6	115.5

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

[Index numbers, 1982=100]

	1987	1988 ^r	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ^r
Gross national product	119.1	124.1	119.7	120.8	121.8	123.3	124.9	126.2
Less: Exports of goods and services.....	106.0	111.6	106.4	107.0	108.7	110.5	113.0	113.9
Plus: Imports of goods and services.....	100.8	105.2	101.9	103.0	103.9	105.3	105.4	106.2
Equals: Gross domestic purchases ¹	118.7	123.5	119.3	120.5	121.4	122.9	124.2	125.5
Less: Change in business inventories.....								
Equals: Final sales to domestic purchasers ²	118.5	123.4	119.2	120.3	121.3	122.8	124.1	125.4

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.

Reconciliation and Other Special Tables

Table 1.—Revisions in Selected Component Series of the NIPA's, Fourth Quarter of 1988

	Seasonally adjusted at annual rates			Percent change from preceding quarter at annual rates	
	Advance	Preliminary	Difference	Advance	Preliminary
Billions of current dollars					
GNP	4,989.9	4,995.2	5.3	6.8	7.2
National income.....					
Compensation of employees	2,996.3	2,997.2	.9	8.9	9.0
Corporate profits with inventory valuation and capital consumption adjustments					
Other.....	758.8	760.0	1.2	12.1	12.8
Personal income	4,185.1	4,185.5	.4	9.2	9.2
Billions of constant (1982) dollars					
GNP	4,029.2	4,029.7	.5	2.0	2.0
Less: Exports	517.6	523.6	6.0	2.8	7.7
Plus: Imports.....	618.3	626.8	8.5	7.0	13.0
Equals: Gross domestic purchases.....	4,129.9	4,132.9	3.0	2.6	2.9
Personal consumption expenditures.....	2,621.9	2,626.0	4.1	2.8	3.5
Nonresidential fixed investment.....	490.4	489.2	-1.2	-3.7	-4.6
Residential investment.....	197.4	196.6	-.8	12.7	10.9
Change in business inventories.....	29.2	29.3	.1		
Government purchases.....	790.9	791.8	.9	9.3	9.3
Index numbers, 1982=100 ¹					
GNP price index (fixed weights).....	126.2	126.2	0	4.0	4.2
GNP price index (chained weights).....				4.0	4.2
GNP implicit price deflator.....	123.8	124.0	.2	4.7	5.3
Gross domestic purchases price index (fixed weights).....	125.5	125.5	0	4.1	4.2

1. Not at annual rates.

NOTE.—For the fourth quarter of 1988, the following revised or additional major source data were incorporated: For *personal consumption expenditures*, revised retail sales for November and December; for *nonresidential fixed investment*, construction put in place for November (revised) and December, manufacturers' shipments of equipment for November (revised) and December, and partial information on actual plant and equipment expenditures for the quarter; for *residential investment*, construction put in place for November (revised) and December; for *change in business inventories*, manufacturing and trade inventories for November (revised) and December; for *net exports of goods and services*, merchandise exports and merchandise imports for November (revised) and December; for *government purchases of goods and services*, Federal outlays for December, and State and local construction put in place for November (revised) and December; for *wages and salaries*, revised employment, average hourly earnings, and average weekly hours for November and December; and for *GNP prices*, merchandise export and import price indexes for December (these indexes are prepared only for the last month of each quarter), unit-value indexes for petroleum imports for December and for merchandise exports and nonpetroleum merchandise imports for November, and residential housing prices for the quarter.

Table 2.—Reconciliation of Changes in Compensation Per Hour in the Business Economy Other Than Farm and Housing and Average Hourly Earnings in the Private Nonfarm Economy, Seasonally Adjusted

	1988			
	I	II	III ^r	IV ^p
1. Compensation per hour of all persons in the business economy other than farm and housing (percent change at annual rate) ¹	2.9	4.3	5.5	6.4
2. Less: Contribution of supplements.....	.8	-.9	-.1	-.5
3. Plus: Contribution of housing and nonprofit institutions.....	-.1	.1	.2	-.1
4. Less: Contribution of employees of government enterprises, unpaid family workers, and the self-employed.....	0	0	0	-.2
5. Equals: Wages and salaries per hour of employees in the private nonfarm economy (percent change at annual rate).....	1.9	5.4	5.8	7.0
6. Less: Contribution of nonproduction workers in manufacturing.....	-.1	-.3	-.6	-.5
7. Less: Contribution of non-BLS data, detailed weighting, and seasonal adjustment.....	-.2	.4	3.0	3.4
8. Equals: Average hourly earnings, production and nonsupervisory workers in the private nonfarm economy (percent change at annual rate).....	2.2	5.2	3.4	4.0

^r Revised.

^p Preliminary.

1. BLS estimates of changes in hourly compensation in the nonfarm business sector for the four quarters are 3.5, 4.2, 5.7, and 5.6 percent.

Measures of Revision

The GNP news release of February 28, 1989, contained updated measures of revision for the quarterly GNP estimates and referred to this issue of the SURVEY OF CURRENT BUSINESS for more information. Such information can be found in the August 1987 issue of the SURVEY, pages 24-34. An update of the analysis of revisions in that article will appear in an upcoming issue of the SURVEY.

Composite Indexes of Leading, Coincident, and Lagging Indicators

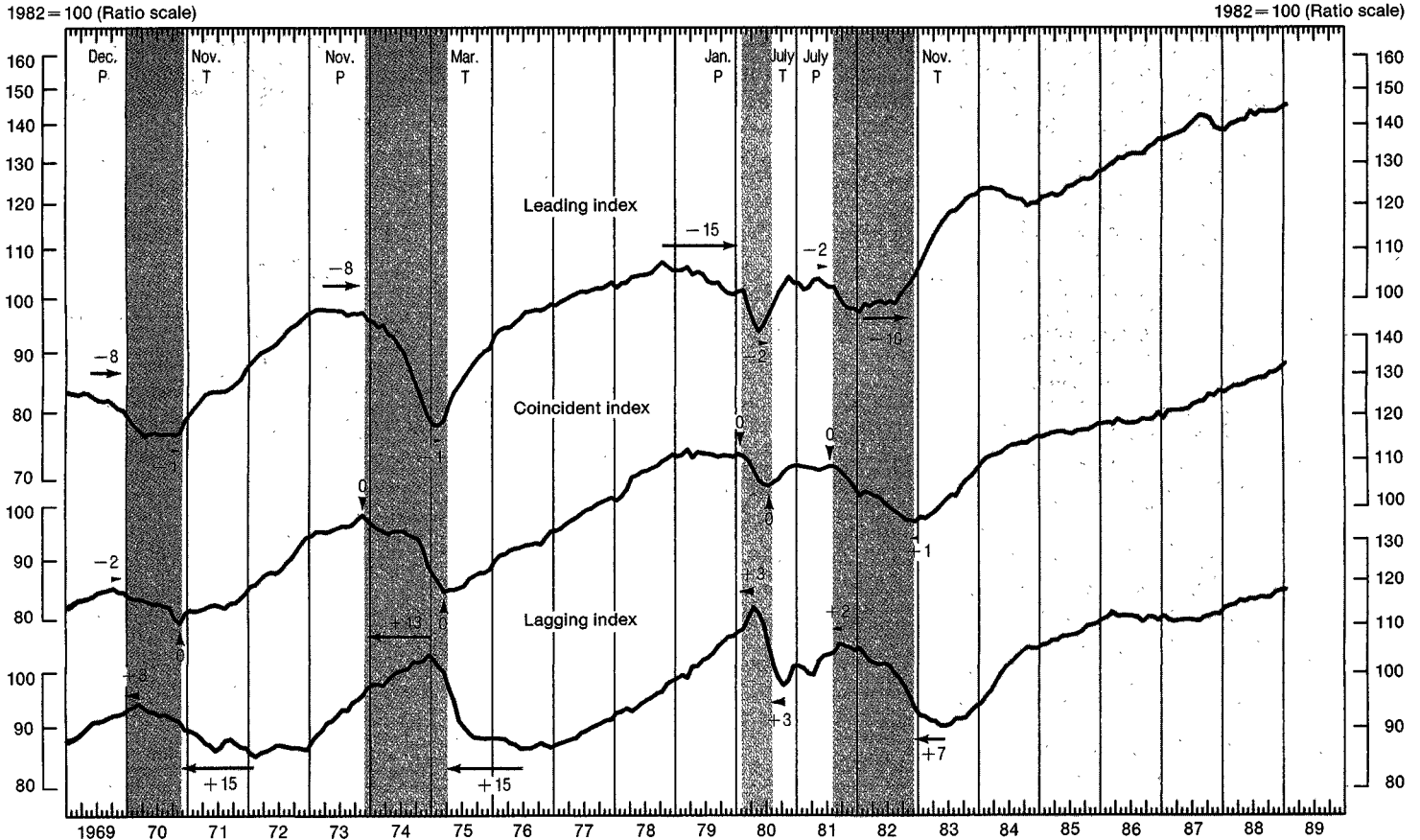
Recent Data and Percent Changes

Index	1988												1989	1988			
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. ^P	I	II	III	IV	
Index (1982=100)																	
Leading index.....	140.3	140.8	141.5	141.5	143.9	142.7	144.1	143.7	143.9	143.9	144.9	145.7	139.9	142.3	143.5	144.2	
Coincident index.....	126.5	127.3	127.3	127.6	128.5	128.9	129.3	129.3	130.6	130.7	131.6	132.9	126.5	127.8	129.2	131.0	
Lagging index.....	114.4	114.7	115.6	115.3	116.0	115.8	116.4	116.2	116.3	117.5	118.0	118.1	114.4	115.6	116.1	117.3	
Percent change from preceding month (quarter)																	
Leading index.....	1.2	.4	.5	0	1.7	-.8	1.0	-.3	.1	0	.7	.6	-.1	1.7	.8	.5	
Coincident index.....	.7	.6	0	.2	.7	.3	.3	0	1.0	.1	.7	1.0	.9	1.0	1.1	1.4	
Lagging index.....	.4	.8	.8	-.3	.6	-.2	.5	-.2	.1	1.0	.4	.1	1.8	1.0	.4	1.0	

^P Preliminary.

NOTE.—Composite indexes have been revised; see "Business Cycle Indicators: Revised Composite Indexes," SURVEY OF CURRENT BUSINESS 69 (January 1989): 23-28.

Long-Term Perspective: January 1969 to January 1989



Note.—Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expansion. Business cycle peaks and troughs are designated by the National Bureau of Economic

Research, Inc. The numbers entered on the chart indicate the length of leads (—) and lags (+) in months from the business cycle turning dates.

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

State and Local Government Fiscal Position in 1988

THE surplus of State and local governments, as measured on a national income and product accounts (NIPA) basis, was \$55 billion in 1988, \$2 billion more than in 1987 (table 1). This slight change in the overall fiscal position was the net result of a \$6½ billion increase in the surplus of social insurance funds and a \$4½ billion increase in the other funds deficit. The fiscal situation of State and local governments has deteriorated steadily since 1984: The other funds surplus declined through 1986 and a deficit appeared in 1987. The deterioration was largely due to slower growth in receipts than in expenditures. The appearance of a deficit in 1987 was the result of a decrease in Federal grants-in-aid and a slowdown in the pace of indirect business taxes. The further deterioration of the fiscal situation in 1988—despite a strong rebound in grants-in-aid—was the result of slowdowns in the pace of personal tax and nontax receipts and of corporate profits tax accruals and a strong increase in expenditures.

Receipts

State and local government receipts increased 7 percent in 1988, 2 percentage points more than in 1987 (table 2). As just indicated, Federal grants-in-aid increased substantially, following a decrease. Contributions for social insurance accelerated in 1988. The total of other receipts—general own-source receipts (GOSR)—decelerated in 1988, reflecting the course of corporate profits tax accruals and personal tax and nontax receipts.

Federal grants-in-aid increased at a rate exceeding their growth from 1983 to 1986; the 1988 increase was attributable to large increases in grants for medicaid, highways, and education and to smaller increases in a number of other types of grants. The 1988 increase followed a 4-percent decrease in 1987, which was largely accounted for by the end of the general revenue sharing program.

Table 1.—State and Local Government Receipts, Expenditures, and Surplus or Deficit, NIPA Basis

	Calendar years				
	1984	1985	1986	1987	1988
Receipts.....	540.5	581.8	623.0	655.7	702.6
Expenditures.....	475.9	516.7	561.9	602.8	647.7
Surplus or deficit (—).....	64.6	65.1	61.2	52.9	54.9
Social insurance funds....	44.8	51.3	56.2	62.1	68.5
Other funds.....	19.8	13.8	5.0	-9.2	-13.5

NOTE.—These estimates are found in NIPA table 3.3. For 1987 and 1988, see the "Selected NIPA Tables" in this issue; for 1984-86, see the July 1988 SURVEY OF CURRENT BUSINESS.

Among the components of GOSR, the deceleration was sharpest in corporate profits tax accruals, reflecting a deceleration in profits before tax. The large increase in 1987 was traceable to the effects of the Federal Tax Reform Act of 1986, which broadened the corporate tax base for States that follow Federal practices in determining taxable income.

Personal tax and nontax receipts also decelerated; these receipts increased 7½ percent in 1988, down from 10 percent in 1987. The deceleration was traceable to income tax receipts, which increased 8 percent in 1988, down from 12 percent in 1987. The larger increase in 1987 was partly due to two types of behavioral responses to the Tax Reform Act. First, taxpayers realized a large volume of capital gains in late 1986 to take advantage of the preferential tax treatment of capital gains income before its repeal in 1987. Second, taxpayers deferred income from 1986 to 1987 and from 1987 to 1988 or later to take advantage of the lower income tax rates provided by the act after 1986. The net effect of these taxpayer responses was to add an estimated \$½ billion to receipts in 1986, \$3 billion in 1987, and \$½ billion in 1988. In addition, State

Table 2.—State and Local Government Receipts, NIPA Basis

	Calendar years								
	Billions of dollars					Percent change			
	1984	1985	1986	1987	1988	1985	1986	1987	1988
Receipts.....	540.5	581.8	623.0	655.7	702.6	7.6	7.1	5.2	7.2
GOSR.....	406.7	438.9	470.3	504.9	540.1	7.9	7.2	7.4	7.0
Personal tax and nontax receipts.....	129.8	140.2	150.0	164.7	176.9	8.0	7.0	9.8	7.4
Income taxes.....	87.6	72.2	76.8	86.1	92.8	6.8	6.4	12.0	7.8
Nontaxes.....	51.3	56.2	60.4	64.8	69.4	9.5	7.5	7.3	7.0
Other.....	10.9	11.8	12.7	13.8	14.8	7.8	8.0	8.4	7.3
Corporate profits tax accruals.....	18.7	20.2	22.7	27.9	30.8	8.0	12.5	23.1	10.2
Indirect business tax and nontax accruals.....	258.2	278.5	297.6	312.3	332.4	7.9	6.9	4.9	6.4
Sales taxes.....	120.8	131.0	139.9	148.7	158.3	8.4	6.8	6.3	6.8
Property taxes.....	99.7	107.1	114.6	121.9	129.6	7.4	7.1	6.3	6.3
Other.....	37.7	40.5	43.1	41.6	43.8	7.3	6.5	-3.4	5.2
Contributions for social insurance.....	40.2	43.2	46.0	48.1	51.0	7.5	6.3	4.7	6.0
Federal grants-in-aid.....	93.6	99.7	106.8	102.7	111.5	6.5	7.1	-3.9	8.6
Addendum—Receipts excluding selected law changes:									
Total.....	537.4	578.5	621.3	652.6	698.2	7.6	7.4	5.0	7.0
GOSR.....	403.7	435.6	468.6	501.8	535.6	7.9	7.6	7.1	6.7

GOSR General own-source receipts.

NOTE.—Estimates of the effect on receipts of law changes are calculated as follows. For changes of which BEA is aware (hence the use of "selected" in the line title in the table), the estimate is of the amount of the change over the 12-month period after the change is introduced. For personal taxes, the change is introduced when the tax is paid/refunded or when withholding is changed. For indirect business taxes, the change is introduced to coincide with the transaction affected. The calculations are made by months for personal taxes and nontaxes (because they are used to prepare monthly estimates of disposable personal income) and by quarters for other taxes. Two characteristics of the resulting estimates should be noted. First, aggregation of the monthly or quarterly estimates to calendar years may give results that appear anomalous. For example, a sales tax imposed for 1 year beginning July 1 would be recorded as follows: (a) For quarters, an increase in receipts by the amount of the 12-month yield in the third quarter of that year and a decrease by the same amount in the third quarter of the following year, and (b) for calendar years, an increase in receipts by the amount of the 12-month yield divided by 4 in the year that the increase takes place, no change in receipts in the following year, and a decrease by the amount of the 12-month yield divided by 4 in the year after that (i.e., 2 years after the increase). Second, a law change after July, which is the beginning of the fiscal year for many States, would have more impact on receipts of the next calendar year than on those of the calendar year in which it occurs.

The effect of tax law changes excluded from receipts to derive the addenda items in the table are the changes beginning with those introduced in 1983. The 12-month effects, recorded for calendar years as described above, are cumulated.

legislation reduced income tax receipts an estimated \$2 billion in 1987 and \$1 billion in 1988; the legislation included actions in both years by a number of States to return all or part of the "windfall" associated with the Tax Reform Act. In the absence of both the taxpayer responses and the legislative actions, income tax receipts would have increased 11½ percent in 1987 and 12 percent in 1988.

Indirect business tax and nontax accruals, in contrast, accelerated in 1988; these accruals increased 6½ percent, up from 5 percent in 1987. Property taxes increased at the same rate as in 1987. Sales taxes increased 7 percent in 1988, up from 6½ percent in 1987. Legislative actions added more than \$2 billion to taxes in 1988; they had added more than \$3 billion in 1987. In the absence of these actions, sales taxes would have increased about 5½ percent in 1988 and 4 percent in 1987.

The third category of indirect business tax and nontax accruals—the "other" category in table 2—accounted for most of the acceleration. These taxes increased 5 percent, following a 3½-percent decrease. The 1987 decrease was traceable to large, one-time payments in 1986 resulting from the settlement of court cases involving violations of Federal oil pricing regulations. In the absence of these one-time payments, the "other" category would have increased 3½ percent in 1987 and 5 percent in 1988. Severance taxes, another energy-related receipt, also contributed to the acceleration in indirect business taxes. Severance taxes declined in 1988, but the decline was smaller than in 1987. Excluding the one-time payments and severance taxes, the "other" category increased 6½ percent in 1988, up from 6 percent in 1987.

Contributions for social insurance accelerated in 1988; these contributions increased 6 percent, up from 4½ percent in 1987. However, the relatively small percentage increase in 1987 resulted from a one-time contribution in 1986 of \$½ billion to the Los Angeles County, California, general employees retirement system. In the absence of this transaction, contributions would have increased 5½ percent in 1987.

Expenditures

State and local government expenditures increased 7½ percent in

1988, the same as in 1987 (table 3). Purchases of goods and services, the largest category of expenditures, recorded an increase in 1988 similar to that in 1987; transfer payments to persons, the next largest category, accelerated slightly in 1988.

Purchases of goods and services increased 7½ percent in 1988. Compensation of employees increased at about the same rate as in 1987, purchases of structures accelerated, and purchases of other goods and services decelerated. The acceleration in purchases of structures was more than accounted for by construction of highways and educational buildings; these categories showed a combined increase of more than \$5 billion in 1988, following a combined increase of about \$½ billion in 1987. Construction of hospitals, water supply facilities, and other buildings (such as offices and prisons) increased about \$½ billion in 1988. All other categories of construction combined decreased \$1½ billion in 1988.

The deceleration in other purchases of goods and services was most marked in purchases of nondurable goods, al-

though purchases of durable goods and of services other than compensation also contributed. Other purchases also decelerated in constant (1982) dollars, but less markedly than in current dollars (table 4). In contrast to the deceleration in current dollars, however, the deceleration in constant dollars was sharpest in purchases of durables and of services other than compensation and very slight in purchases of nondurables. A deceleration in prices of nondurables was the major reason for the contrasting growth rates. The fixed-weighted price index for nondurables purchased by State and local governments increased 2½ percent in 1988, down from 5 percent in 1987, while the fixed-weighted price indexes for durables and for other services increased at slightly higher rates in 1988 than in 1987 (see NIPA table 7.16).

Expenditures other than purchases accelerated in 1988; these expenditures increased 6½ percent in 1988, up from 5½ percent in 1987. Transfer payments to persons increased slightly more in 1988 than in 1987; the acceleration was traceable to State and local

Table 3.—State and Local Government Expenditures, NIPA Basis

	Calendar years								
	Billions of dollars					Percent change			
	1984	1985	1986	1987	1988	1985	1986	1987	1988
Expenditures.....	475.9	516.7	561.9	602.8	647.7	8.6	8.7	7.3	7.4
Purchases of goods and services.....	425.3	465.6	505.0	542.8	583.6	9.5	8.5	7.5	7.5
Compensation of employees.....	258.5	278.8	299.9	321.7	345.0	7.8	7.6	7.3	7.2
Structures.....	47.3	53.7	60.3	62.2	66.2	13.4	12.4	3.1	6.4
Other.....	119.6	133.2	144.8	158.9	172.5	11.4	8.8	9.7	8.6
Transfer payments to persons.....	93.7	101.1	110.1	118.7	128.2	7.9	8.9	7.8	8.0
Benefits from social insurance funds.....	28.4	30.3	33.2	36.1	39.2	6.8	9.6	8.6	8.6
Public assistance.....	60.5	65.1	70.5	75.5	81.2	7.7	8.3	7.1	7.5
Other.....	4.9	5.7	6.4	7.0	7.8	16.3	12.0	10.2	10.5
Net interest paid.....	-28.4	-32.4	-34.8	-37.7	-40.8				
Interest paid.....	37.0	42.2	47.6	53.3	59.0	13.9	12.8	12.0	10.7
Less: Interest received by government.....	65.5	74.6	82.4	91.0	99.8	14.0	10.4	10.5	9.7
Social insurance funds.....	30.7	35.2	39.4	44.7	50.2	14.8	11.9	13.4	12.3
Other.....	34.8	39.4	42.9	46.3	49.6	13.4	8.9	7.8	7.3
Less: Dividends received.....	3.5	4.5	5.5	6.9	8.2	29.5	21.3	26.8	18.4
Social insurance funds.....	3.3	4.4	5.3	6.8	8.1	31.1	22.2	27.6	18.7
Other.....	.2	.2	.2	.2	.2	-4.9	-3.8	0	5.3
Subsidies less current surplus of government enterprises.....	-11.3	-13.1	-13.1	-14.0	-15.1				
Subsidies.....	.6	.7	.8	1.0	1.0	13.1	17.0	19.0	8.3
Less: Current surplus of government enterprises.....	11.9	13.8	13.9	15.0	16.1	15.7	.8	8.0	7.6
Less: Wage accruals less disbursements.....	0	0	0	0	0				

Table 4.—State and Local Government Purchases in Constant Dollars

	Calendar years								
	Billions of 1982 dollars					Percent change			
	1984	1985	1986	1987	1988	1985	1986	1987	1988
State and local government purchases.....	387.0	405.2	427.1	441.2	453.3	4.7	5.4	3.3	2.8
Compensation of employees.....	229.3	235.0	240.8	246.4	250.5	2.5	2.5	2.3	1.6
Structures.....	45.4	48.4	53.4	54.3	55.1	6.6	10.4	1.7	1.6
Other.....	112.2	121.8	132.9	140.5	147.7	8.5	9.1	5.7	5.2
Addendum: Fixed-weighted price index, total purchases.....	110.1	115.3	119.1	124.1	130.2	4.7	3.3	4.2	4.9

employee retirement and medical care transfers. Interest paid decelerated for the fourth consecutive year, despite an increase in new borrowing; interest received also decelerated in 1988, so that the increase in net interest paid was about the same in 1988 as in 1987.

Fiscal position

The fiscal position of State and local governments indicated by the other funds measure deteriorated in 1988, as the deficit increased from \$15 billion in the fourth quarter of 1987 to \$19 billion in the fourth quarter of 1988 (chart 2).¹ The year began, however, with an improvement in the fiscal position, reflecting a large increase in receipts—specifically in Federal grants-in-aid. The fiscal position deteriorated throughout the rest of the year, ending with a \$6 billion increase in the fourth quarter. The deterioration resulted from increases in expenditures that consistently exceeded increases in receipts. After the large increase in the first quarter, receipts slowed to an average increase of \$10¹/₂ billion a quarter; much of the deceleration in receipts was due to the pattern of corporate taxes and grants-in-aid. Expenditures, on the other hand, increased at an average of \$13¹/₂ billion throughout the year. A smaller-than-average increase in the third quarter was due to a deceleration in purchases of goods and services. The fourth-quarter increase, the largest of the year, was boosted by a rebound in purchases—paced by structures—and a strong increase in transfer payments.

1. The quarterly State and local governments receipts and expenditures estimates for 1988 are shown in table 3.3 of the "Selected NIPA Tables" in this issue of the SURVEY OF CURRENT BUSINESS.

Outlook

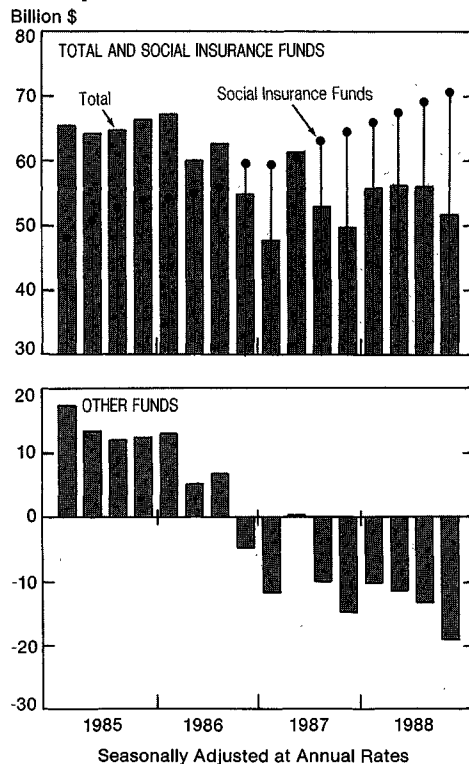
A major factor in the outlook for the State and local fiscal position in 1989 will be the pace of economic activity. If year-to-year economic growth in 1989 is slightly less than the nearly 4 percent attained in 1988, GOSR are likely to increase about 6¹/₂ percent. This estimate assumes some effort on the

part of State and local governments to increase property taxes and various fees. It assumes, however, no further tax legislation; legislative changes already enacted should reduce personal income taxes about \$1 billion in 1989 and increase sales taxes by a slightly smaller amount. In addition, the Tax Reform Act should have a smaller effect in 1989 than in 1988, when it added an estimated \$¹/₂ billion to personal income tax collections. The 1989 effects are largely from the deferral of income to take advantage of lower tax rates and from the reduced deductibility of personal, nonmortgage interest. Federal grants-in-aid are likely to increase about 5 percent. If contributions for social insurance increase at about the same rate in 1989 as in 1988, total receipts are likely to increase to about \$745–750 billion.

On the expenditures side, the increase in purchases of structures is likely to be smaller in 1989 than in 1988, given a slight decrease in the level of grants for capital purposes. Assuming a 3-percent increase in structures, total purchases would increase about 7¹/₂ percent. Transfer payments to persons are likely to increase faster in 1989, led by increases in medical care transfers, which are largely financed by Federal grants. Increases in other expenditures similar to those experienced in 1988 and a stronger increase in current surpluses of government enterprises would bring total expenditures to about \$695–700 billion in 1989.

Accordingly, the NIPA surplus would remain about \$50–55 billion. The social insurance funds surplus is likely to be about \$75 billion, so that the other funds deficit would increase to about \$20–25 billion.

CHART 2
State and Local Government Surplus or Deficit, NIPA Basis



U.S. Department of Commerce, Bureau of Economic Analysis 89-2-2

Annual Input-Output Accounts of the U.S. Economy, 1983

THIS article presents the annual input-output (I-O) accounts for 1983. These accounts are consistent definitionally with the 1977 benchmark I-O accounts as modified by the comprehensive revision of the national income and product accounts (NIPA's) released in December 1985.¹ Annual I-O accounts are prepared using basically the same procedures as used in the most recent benchmark accounts, but with less comprehensive and reliable source data.

The 1983 annual I-O estimates of final demand—that is, estimates of GNP components—are consistent definitionally with the NIPA's, but they differ from the NIPA estimates for that year because they incorporate additional source data and are based on estimating methods that reflect these source data. For the major GNP components, the differences are shown in table A. For personal consumption expenditures, the difference is mainly due to the methods used to prepare the estimates of goods. The I-O estimates are based on the commodity-flow method; the NIPA estimates are based primarily on the retail-control method.² For gross private domestic investment, the difference is mainly due to additional source data on manufacturers' inventories. For net exports of goods and services, the difference reflects the incorporation in the I-O estimates of recent revisions to BEA's international transactions accounts.³

NOTE.—The 1983 annual I-O accounts were prepared under the direction of Mark A. Planting, Chief of the Auxiliary Studies Branch. Staff contributors were William A. Allen, Claiborne M. Ball, Esther M. Carter, Robert S. Robinowitz, Nancy W. Simon, and Patricia A. Weiss.

1. For a description of the 1977 I-O accounts, see "The Input-Output Structure of the U.S. Economy, 1977," SURVEY OF CURRENT BUSINESS 64 (May 1984): 42–84. For a description of the NIPA revision, see "Revised Estimates of the National Income and Product Accounts of the United States, 1929–85: An Introduction," SURVEY 65 (December 1985): 1–19.

2. For a description of these methods, see "GNP: An Overview of Source Data and Estimating Methods," SURVEY 67 (July 1987): 103–126.

3. See "U.S. International Transactions, First Quarter 1988," SURVEY 68 (June 1988): 28–75.

Table A.—Comparison of GNP in the NIPA's and the I-O Accounts, 1983

[Billions of dollars]			
	NIPA's ¹	I-O accounts	Difference
Gross national product.....	3,405.7	3,399.3	6.4
Personal consumption expenditures.....	2,234.5	2,225.5	9.0
Gross private domestic investment..	502.3	504.6	-2.3
Net exports of goods and services....	-6.1	-5.8	-0.3
Government purchases of goods and services.....	675.0	675.0	0

1. The 1983 NIPA estimates appear in "The U.S. National Income and Product Accounts: Revised Estimates," SURVEY 66 (July 1986): 7-92.

The steps used to prepare the 1983 annual I-O accounts are the same as those used to prepare the 1982 annual accounts, although the source data and estimating methods are somewhat different.⁴ The 1983 commodity and industry output totals for manufacturing were estimated using data from the 1983 Annual Survey of Manufactures

4. The four major steps in the preparation of the annual accounts are as follows: (1) Determine industry and commodity output totals, (2) estimate the commodity composition of intermediate consumption for each industry, (3) derive each GNP component and its commodity composition, and (4) balance the table. For more detailed information on the preparation of annual I-O accounts and the source data and methods used for the 1980–82 accounts, see "Input-Output Accounts of the U.S. Economy, 1981," SURVEY 67 (January 1987): 42–58 and "Input-Output Accounts of the U.S. Economy, 1982," SURVEY 68 (April 1988): 31–46.

and 1983 current industrial reports; 1982 totals were estimated primarily from the 1982 Census of Manufactures. The 1983 gross margins for merchant wholesalers were estimated from the 1983 Annual Trade Survey; 1982 margins were from the 1982 Census of Wholesale Trade. The 1983 receipts for nonmerchant wholesalers were estimated using relationships from the 1982 Census of Wholesale Trade; 1982 receipts were from the 1982 Census. The 1983 receipts for most service industries were estimated from the 1983 Service Annual Survey; 1982 receipts were from the 1982 Census of Service Industries.

The 1983 annual I-O accounts, at the two-digit industry/commodity level, are presented in five tables: (1) Use table, (2) make table, (3) commodity-by-industry direct requirements table, (4) commodity-by-commodity total requirements table, and (5) industry-by-commodity total requirements table. The structure of these tables is identical to those published for the 85 industry/commodity benchmark I-O accounts except that, in tables 1 and 3, the components of value added are not shown. This article presents only tables 1 and 2. See the box for information about the availability of the other tables.

Data Availability

A hard copy version of tables 3, 4, and 5 for the 1983 accounts, which were not printed in this article, is available from Interindustry Economics Division (BE-51), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

The I-O accounts presented in this article, as well as the latest 1977 and 1980–82 I-O accounts at the two-digit industry/commodity level are available in magnetic tape, diskette, and computer printout forms. Magnetic tapes containing data in tables 1 through 5 cost \$200 per year. Diskettes, containing data in tables 1 through 3 on the first diskette and tables 4 and 5 on the second, cost \$20 per diskette per year. Computer printouts cost \$10 per table per year. (Add 25 percent for foreign shipment.) Requests must specify tables and years desired and accession numbers as follows:

Year	Magnetic tapes	Diskettes	Printouts
1977 (Revised).....	BEA IED 87-001	BEA IED 87-403	BEA IED 87-206
1980 (Revised).....	BEA IED 87-002	BEA IED 87-406	BEA IED 87-212
1981.....	BEA IED 87-003	BEA IED 87-409	BEA IED 87-218
1982.....	BEA IED 88-001	BEA IED 88-401	BEA IED 88-201
1983.....	BEA IED 89-001	BEA IED 89-401	BEA IED 89-201

Magnetic tape requests must specify density (1,600 BPI or 6,250 BPI) and whether or not internal labels are needed. To order tapes, diskettes, or printouts, write to Economic and Statistical Analysis/BEA, U.S. Department of Commerce, Citizens and Southern National Bank, 222 Mitchell Street, P.O. Box 100606, Atlanta, GA 30384. A check or money order, payable to "Economic and Statistical Analysis/BEA," must accompany all orders. For further information about these products or how to order them, call the Interindustry Economics Division at (202) 523-0792.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferro-alloy ores mining	Non-ferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
		1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products.....	10,804	1,537		249						
2	Other agricultural products.....	21,892	3,009		259				2		
3	Forestry and fishery products.....			163	18						
4	Agricultural, forestry, and fishery services.....	3,281	3,062	840	85			9	(*)	(*)	3
5	Iron and ferroalloy ores mining.....					164					
6	Nonferrous metal ores mining.....					12	292				
7	Coal mining.....	19	4			9	11	3,804		7	2
8	Crude petroleum and natural gas.....								6,631		
9	Stone and clay mining and quarrying.....	2	183		1	12	3			177	30
10	Chemical and fertilizer mineral mining.....		(*)								80
11	New construction.....										
12	Repair and maintenance construction.....	367	889	312	151	14	8	124	4,970	18	22
13	Ordinance and accessories.....			10							
14	Food and kindred products.....	14,072		91	79			1	(*)	5	(*)
15	Tobacco manufactures.....										
16	Broad and narrow fabrics, yarn and thread mills.....		16					1	38		5
17	Miscellaneous textile goods and floor coverings.....	24	58	61	28						
18	Apparel.....										
19	Miscellaneous fabricated textile products.....		49	10	48			1	13	12	3
20	Lumber and wood products, except containers.....	14	12								2
21	Wood containers.....	3	208		11			3	26	92	
22	Household furniture.....										
23	Other furniture and fixtures.....										
24	Paper and allied products, except containers.....	159	51	1	7	(*)	1	9	5	31	6
25	Paperboard containers and boxes.....	3	128	1	73		(*)		2	2	(*)
26	Printing and publishing.....	17	19	1	7	(*)	1	8	18	5	2
27	Chemicals and selected chemical products.....	201	7,584	321	1,314	50	169	363	711	73	97
28	Plastics and synthetic materials.....										
29	Drugs, cleaning and toilet preparations.....	202							7		1
30	Paints and allied products.....			3					12		
31	Petroleum refining and related industries.....	1,148	5,823	259	508	66	98	710	464	189	72
32	Rubber and miscellaneous plastics products.....	414	401	3	46	25	45	170	23	35	8
33	Leather tanning and finishing.....										
34	Footwear and other leather products.....	52			3				2		
35	Glass and glass products.....	8		(*)		(*)	1	(*)	9	1	(*)
36	Stone and clay products.....		110		16	2	24	122	16	3	1
37	Primary iron and steel manufacturing.....	9	8			42	95	111	487	29	19
38	Primary nonferrous metals manufacturing.....					3	11	61		12	3
39	Metal containers.....			7							
40	Heating, plumbing, and fabricated structural metal products.....	10	11						50	15	7
41	Screw machine products and stampings.....	37				7	20	210		11	8
42	Other fabricated metal products.....	146	187	27	25	37	47	152	482	48	9
43	Engines and turbines.....			13	31	19	28	150	171	39	21
44	Farm and garden machinery.....	405	657	15	9						
45	Construction and mining machinery.....					49	81	825	370	118	35
46	Materials handling machinery and equipment.....					13	13	89	89	30	5
47	Metalworking machinery and equipment.....			(*)	2	2	3	4	30	5	(*)
48	Special industry machinery and equipment.....										
49	General industrial machinery and equipment.....	22	21	6	1	29	27	299	224	42	12
50	Miscellaneous machinery, except electrical.....	59	66	1	5	4	21	104	210	25	6
51	Office, computing, and accounting machines.....										
52	Service industry machines.....										
53	Electric industrial equipment and apparatus.....	12	10			4	16	115	340	20	10
54	Household appliances.....								1		
55	Electric lighting and wiring equipment.....	6	4	1	5	(*)	2	26	26	2	1
56	Radio, TV, and communication equipment.....				(*)		(*)	1	4		
57	Electronic components and accessories.....										
58	Miscellaneous electrical machinery and supplies.....	99	330	(*)	25	(*)	5	9	11	4	1
59	Motor vehicles and equipment.....	64	56	6	56	42	5	6	8	40	4
60	Aircraft and parts.....			(*)	5						
61	Other transportation equipment.....			329	10	1	4				
62	Scientific and controlling instruments.....			6	1	(*)	3		77	1	(*)
63	Optical, ophthalmic, and photographic equipment.....			1	7	(*)	1	(*)	5	1	(*)
64	Miscellaneous manufacturing.....	10	11	(*)	7	5	2	9	13	6	3
65	Transportation and warehousing.....	1,468	1,024	90	351	42	70	248	377	63	33
66	Communications, except radio and TV.....	198	212	7	4	2	5	25	104	9	3
67	Radio and television broadcasting.....										
68	Private electric, gas, water, and sanitary services.....	787	2,226	51	247	393	351	764	1,820	413	523
69	Wholesale and retail trade.....	3,045	3,803	251	787	56	104	618	437	101	40
70	Finance and insurance.....	1,383	1,031	41	157	12	58	202	491	57	99
71	Real estate and rental.....	2,104	7,940	2	506	33	82	673	8,205	135	45
72	Hotels, personal and repair services (except auto).....	125	106	11	23	2	6	26	59	27	3
73	Business services.....	363	1,382	101	375	62	101	829	1,238	197	96
74	Eating and drinking places.....	13	14	41	91	4	10	36	439	15	16
75	Automobile repair and services.....	252	222	33	176	27	65	158	209	29	25
76	Amusements.....				233			2	9	2	1
77	Health, educational, and social services and nonprofit organizations.....	602	30	13	20	3	7	32	49	6	4
78	Federal Government enterprises.....	10	10	7	61	3	10	13	22	6	3
79	State and local government enterprises.....			4	24	1	3	4	10	6	3
80	Noncomparable imports.....	(*)	3	2	1	3	24	9	244	2	4
81	Scrap, used and secondhand goods.....					2	9	10		8	11
82	Government industry.....										
83	Rest of the world industry.....										
84	Household industry.....										
85	Inventory valuation adjustment.....										
I	Total intermediate inputs.....	63,906	42,516	3,137	6,150	1,260	1,968	11,302	29,110	2,074	1,394
VA	Value added.....	15,227	35,567	3,705	7,193	1,110	2,071	13,118	105,296	2,919	1,083
T	Total industry output.....	79,133	78,083	6,841	13,343	2,370	4,039	24,421	134,405	4,993	2,476

* Less than \$500,000.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Plastics and synthetic materials	Drugs, cleaning and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
		28	29	30	31	32	33	34	35	36
1	Livestock and livestock products.....		41							
2	Other agricultural products.....		109	3						1
3	Forestry and fishery products.....		17	24						
4	Agricultural, forestry, and fishery services.....	1	(*)	(*)	1	1			1	2
5	Iron and ferroalloy ores mining.....			9						6
6	Nonferrous metal ores mining.....			17						4
7	Coal mining.....	144	19		20	33		1	1	319
8	Crude petroleum and natural gas.....	1,112		141	116,672	197				
9	Stone and clay mining and quarrying.....		27	57	356	27			260	1,915
10	Chemical and fertilizer mineral mining.....			3	7	6		1	4	80
11	New construction.....									
12	Repair and maintenance construction.....	327	205	77	1,204	396	9	28	122	570
13	Ordinance and accessories.....					(*)				28
14	Food and kindred products.....	48	776	169	33	13	516	19	1	21
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....	133				827		231		151
17	Miscellaneous textile goods and floor coverings.....		14		25	964		223		(*)
18	Apparel.....	6	1	(*)	1	14	(*)	15	5	7
19	Miscellaneous fabricated textile products.....	2	3	1		9				
20	Lumber and wood products, except containers.....	20	6		38	200		37	117	182
21	Wood containers.....					5		1	62	(*)
22	Household furniture.....									
23	Other furniture and fixtures.....									
24	Paper and allied products, except containers.....	431	403	16	175	713	(*)	50	16	475
25	Paperboard containers and boxes.....	300	1,006	75	439	836	11	94	531	154
26	Printing and publishing.....	18	181	58	19	55	2	19	29	34
27	Chemicals and selected chemical products.....	9,818	4,680	2,385	4,770	2,933	108	69	469	831
28	Plastics and synthetic materials.....	1,376	145	662	35	12,647		105		261
29	Drugs, cleaning and toilet preparations.....	189	3,389	27	790	19	53	22		40
30	Paints and allied products.....	69	65	121	6	40				62
31	Petroleum refining and related industries.....	837	628	251	13,164	884	24	15	235	775
32	Rubber and miscellaneous plastics products.....	721	1,707	31	208	3,204	(*)	488	62	166
33	Leather tanning and finishing.....					2	98	1,402		
34	Footwear and other leather products.....	(*)	1	1	5	7		422	4	(*)
35	Glass and glass products.....	12	618	8	50	440			1,054	32
36	Stone and clay products.....	26	20	103	262	185	4	4	139	4,357
37	Primary iron and steel manufacturing.....	(*)	1	35	21	490		2	1	187
38	Primary nonferrous metals manufacturing.....	16	3	81		71		(*)	7	226
39	Metal containers.....	85	810	451	409					3
40	Heating, plumbing, and fabricated structural metal products.....		12			54				10
41	Screw machine products and stampings.....		185	13		177		17	26	16
42	Other fabricated metal products.....	49	311	39	273	315	(*)	62	8	344
43	Engines and turbines.....					14				4
44	Farm and garden machinery.....									
45	Construction and mining machinery.....									147
46	Materials handling machinery and equipment.....					4		1		2
47	Metalworking machinery and equipment.....	10	13	1	8	149	1	7	51	26
48	Special industry machinery and equipment.....	14				157		4	82	4
49	General industrial machinery equipment.....	48	75	(*)	171	11		(*)	4	17
50	Miscellaneous machinery, except electrical.....	31	25	9	26	228	2	16	60	74
51	Office, computing, and accounting machines.....	6	17	2	6	10	(*)	1	3	7
52	Service industry machines.....									
53	Electric industrial equipment and apparatus.....		(*)	(*)		4				22
54	Household appliances.....		3			(*)			8	10
55	Electric lighting and wiring equipment.....	2	1	1	11	74	(*)	1	13	37
56	Radio, TV, and communication equipment.....	(*)	1	(*)	(*)	1		(*)	1	(*)
57	Electronic components and accessories.....					29				
58	Miscellaneous electrical machinery and supplies.....		7		1	11			1	1
59	Motor vehicles and equipment.....	2	4	4	145	39	(*)		1	84
60	Aircraft and parts.....									
61	Other transportation equipment.....									
62	Scientific and controlling instruments.....	42	69	3	66	94	(*)	3	39	16
63	Optical, ophthalmic, and photographic equipment.....	4	14	(*)	8	14	(*)	(*)	7	16
64	Miscellaneous manufacturing.....	2	23	9	3	27	(*)	86	2	40
65	Transportation and warehousing.....	871	1,153	453	8,176	1,698	37	108	441	2,788
66	Communications, except radio and TV.....	56	210	28	265	193	3	42	44	128
67	Radio and television broadcasting.....									
68	Private electric, gas, water, and sanitary services.....	1,740	752	122	5,837	2,146	45	34	1,412	2,581
69	Wholesale and retail trade.....	910	1,897	335	1,570	1,659	71	196	377	326
70	Finance and insurance.....	123	484	62	1,139	355	8	120	98	299
71	Real estate and rental.....	293	1,010	66	416	587	5	61	170	296
72	Hotels; personal and repair services (except auto).....	73	152	34	60	111	14	34	27	68
73	Business services.....	1,102	7,941	375	2,538	1,634	29	326	347	994
74	Eating and drinking places.....	160	648	77	339	338	4	51	57	190
75	Automobile repair and services.....	117	89	25	114	125	2	18	84	144
76	Amusements.....	1	10	1	3	5			2	1
77	Health, educational, and social services and nonprofit organizations.....	35	207	14	93	126	1	3	9	31
78	Federal Government enterprises.....	21	132	29	110	75	3	66	25	53
79	State and local government enterprises.....	9	26		48	15	7	1	5	12
80	Noncomparable imports.....	49	334	40	394	922	(*)		82	50
81	Scrap, used and secondhand goods.....					4			53	
82	Government industry.....									
83	Rest of the world industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
I	Total intermediate inputs.....	21,444	30,476	6,494	160,527	36,613	1,059	4,554	6,699	20,201
VA	Value added.....	11,271	21,351	3,160	32,332	23,308	967	3,152	6,272	14,486
T	Total industry output.....	32,715	51,827	9,654	192,859	59,921	2,026	7,706	12,971	34,687

* Less than \$500,000.

by Industries, 1983—Continued

at producers' prices]

Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metal-working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Commodity number
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
																1
																2
																3
																4
																5
																6
																7
																8
																9
																10
																11
																12
																13
																14
																15
																16
																17
																18
																19
																20
																21
																22
																23
																24
																25
																26
																27
																28
																29
																30
																31
																32
																33
																34
																35
																36
																37
																38
																39
																40
																41
																42
																43
																44
																45
																46
																47
																48
																49
																50
																51
																52
																53
																54
																55
																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
																1
																VA
																T
36,347	40,074	7,400	22,010	14,142	18,167	5,697	5,729	7,611	3,221	5,572	5,505	9,634	6,497	30,473	10,093	
22,757	12,194	4,634	14,967	10,771	18,688	6,034	5,494	9,036	2,615	9,261	6,379	10,494	9,105	15,419	6,868	
59,104	52,268	12,034	36,977	24,913	36,855	11,731	11,223	16,647	5,836	14,833	11,884	20,178	15,602	45,893	16,871	

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
		53	54	55	56	57	58	59	60	61
1	Livestock and livestock products.....									
2	Other agricultural products.....									
3	Forestry and fishery products.....									
4	Agricultural, forestry, and fishery services.....	1		(*)	2	2	(*)	1	1	1
5	Iron and ferroalloy ores mining.....						29			
6	Nonferrous metal ores mining.....						4			
7	Coal mining.....	3	6	4	5	1	4	45	6	1
8	Crude petroleum and natural gas.....									
9	Stone and clay mining and quarrying.....							2		
10	Chemical and fertilizer mineral mining.....									
11	New construction.....									
12	Repair and maintenance construction.....	169	90	62	212	296	56	316	255	84
13	Ordnance and accessories.....				(*)			(*)	3	(*)
14	Food and kindred products.....	3	2	1	5	7	1	2	6	3
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....		41	19				42	100	10
17	Miscellaneous textile goods and floor coverings.....	3					2	248		265
18	Apparel.....	3	2	2	27	32	1	15	11	17
19	Miscellaneous fabricated textile products.....							2,727	85	88
20	Lumber and wood products, except containers.....	27	74	28	32		3	128	27	1,143
21	Wood containers.....	10	17		21			5	7	(*)
22	Household furniture.....				376	23			13	61
23	Other furniture and fixtures.....		8						18	96
24	Paper and allied products, except containers.....	169	50	3	83	121	5	316	18	13
25	Paperboard containers and boxes.....	107	244	212	157	151	85	128	13	18
26	Printing and publishing.....	47	18	18	372	79	13	54	98	31
27	Chemicals and selected chemical products.....	156	63	104	105	813	370	298	60	66
28	Plastics and synthetic materials.....	87	258	181	332	215	100	195	43	151
29	Drugs, cleaning and toilet preparations.....							6		1
30	Paints and allied products.....	61	135	37	40	2	21	511	68	173
31	Petroleum refining and related industries.....	179	30	56	159	254	65	324	358	164
32	Rubber and miscellaneous plastics products.....	364	737	340	2,124	1,748	346	5,265	279	385
33	Leather tanning and finishing.....									
34	Footwear and other leather products.....				2	1		5	2	
35	Glass and glass products.....	17	108	424	70	385	11	1,327	8	156
36	Stone and clay products.....	208	90	52	66	489	25	406	90	299
37	Primary iron and steel manufacturing.....	1,208	1,084	637	303	313	222	8,163	1,231	1,537
38	Primary nonferrous metals manufacturing.....	1,428	577	708	1,749	2,144	1,051	2,022	2,135	515
39	Metal containers.....									
40	Heating, plumbing, and fabricated structural metal products.....	79			427	67	22	9	86	1,283
41	Screw machine products and stampings.....	364	325	355	563	872	187	9,392	516	219
42	Other fabricated metal products.....	239	353	239	774	953	345	2,923	461	862
43	Engines and turbines.....	66						1,040		746
44	Farm and garden machinery.....									
45	Construction and mining machinery.....							12		59
46	Materials handling machinery and equipment.....							16		2
47	Metalworking machinery and equipment.....	144	50	86	176	180	78	327	513	94
48	Special industry machinery and equipment.....									6
49	General industrial machinery equipment.....	90	71	4	28	2	73	730	343	488
50	Miscellaneous machinery, except electrical.....	125	45	43	285	174	59	1,654	671	277
51	Office, computing, and accounting machines.....	69	2	4	141	61	6	20	52	1
52	Service industry machines.....		229		11			1,487		123
53	Electric industrial equipment and apparatus.....	2,045	637	227	567	175	182	229	103	216
54	Household appliances.....		137							258
55	Electric lighting and wiring equipment.....	173	212	312	499	124	96	846	5	249
56	Radio, TV, and communication equipment.....	(*)	(*)	(*)	3,074	6	(*)	691	2,099	177
57	Electronic components and accessories.....	683		245	13,802	7,918	789	323	1,292	9
58	Miscellaneous electrical machinery and supplies.....	(*)	2	316	27	7	476	2,170	118	61
59	Motor vehicles and equipment.....	1		1	74	4	3	39,882	2	774
60	Aircraft and parts.....	45						20	8,838	53
61	Other transportation equipment.....							30		1,072
62	Scientific and controlling instruments.....	54	391	3	165	14	12	449	663	70
63	Optical, ophthalmic, and photographic equipment.....	24	2	10	155	53	3	20	245	13
64	Miscellaneous manufacturing.....	17	73	3	26	17	2	36	17	34
65	Transportation and warehousing.....	396	205	240	702	865	334	1,339	1,022	331
66	Communications, except radio and TV.....	121	41	42	409	283	40	82	325	103
67	Radio and television broadcasting.....									
68	Private electric, gas, water, and sanitary services.....	479	324	232	803	1,173	298	1,470	919	339
69	Wholesale and retail trade.....	1,108	654	659	2,612	1,783	552	4,414	940	1,090
70	Finance and insurance.....	272	110	157	346	477	185	469	783	124
71	Real estate and rental.....	253	55	83	2,649	402	142	215	339	448
72	Hotels; personal and repair services (except auto).....	94	42	62	434	335	74	83	602	40
73	Business services.....	662	725	400	2,921	1,860	374	2,680	2,445	561
74	Eating and drinking places.....	155	66	79	516	550	83	155	1,068	85
75	Automobile repair and services.....	36	17	18	76	188	31	2,177	108	43
76	Amusements.....	1		1	12	36	26	22	29	30
77	Health, educational, and social services and nonprofit organizations.....	11	15	9	81	85	6	122	88	11
78	Federal Government enterprises.....	46	54	23	291	94	11	167	202	29
79	State and local government enterprises.....	6	4	4	15	21	6	32	13	3
80	Noncomparable imports.....	92	17	9	237	45	17	619	40	6
81	Scrap, used and secondhand goods.....		1	23			34	142		(*)
82	Government industry.....									
83	Rest of the world industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
I	Total intermediate inputs.....	12,195	8,534	6,770	39,143	25,896	6,966	99,146	29,870	15,111
VA	Value added.....	14,836	5,491	6,313	19,098	10,221	6,451	47,431	28,651	11,860
T	Total industry output.....	27,032	14,024	13,083	58,241	36,117	13,417	146,577	58,521	26,971

* Less than \$500,000.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Federal Government enterprises	State and local government enterprises	Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	Total intermediate use
		78	79	82	83	84	85	
1	Livestock and livestock products.....							71,009
2	Other agricultural products.....	2,281	3					59,391
3	Forestry and fishery products.....	10						8,216
4	Agricultural, forestry, and fishery services.....	1	25					14,201
5	Iron and ferroalloy ores mining.....							2,822
6	Nonferrous metal ores mining.....							3,919
7	Coal mining.....	1,065	1,120					20,614
8	Crude petroleum and natural gas.....							160,740
9	Stone and clay mining and quarrying.....							5,119
10	Chemical and fertilizer mineral mining.....							1,482
11	New construction.....			12				
12	Repair and maintenance construction.....	444	9,729					78,492
13	Ordinance and accessories.....	(*)	1					1,853
14	Food and kindred products.....	1,563	1					112,527
15	Tobacco manufactures.....							3,984
16	Broad and narrow fabrics, yarn and thread mills.....	9						34,472
17	Miscellaneous textile goods and floor coverings.....	3	4					7,655
18	Apparel.....	2	18					11,967
19	Miscellaneous fabricated textile products.....	110	7					6,362
20	Lumber and wood products, except containers.....							46,891
21	Wood containers.....							616
22	Household furniture.....							643
23	Other furniture and fixtures.....							1,291
24	Paper and allied products, except containers.....	54	50					51,773
25	Paperboard containers and boxes.....	19	1					19,429
26	Printing and publishing.....	267	119					32,214
27	Chemicals and selected chemical products.....	6	475					85,138
28	Plastics and synthetic materials.....							32,946
29	Drugs, cleaning and toilet preparations.....	36	33					15,818
30	Paints and allied products.....	1	1					8,752
31	Petroleum refining and related industries.....	518	2,794					106,953
32	Rubber and miscellaneous plastics products.....	27	95					49,301
33	Leather tanning and finishing.....	1						2,090
34	Footwear and other leather products.....	20	1					988
35	Glass and glass products.....	2	3					11,751
36	Stone and clay products.....	1	124					32,899
37	Primary iron and steel manufacturing.....	1	(*)					64,797
38	Primary nonferrous metals manufacturing.....	4	1					56,712
39	Metal containers.....							11,548
40	Heating, plumbing, and fabricated structural metal products.....	3	2					30,544
41	Screw machine products and stampings.....	30	10					23,725
42	Other fabricated metal products.....	9	15					33,800
43	Engines and turbines.....	8	42					6,866
44	Farm and garden machinery.....		119					2,368
45	Construction and mining machinery.....	1	1					3,251
46	Materials handling machinery and equipment.....	2						2,440
47	Metalworking machinery and equipment.....	3	21					6,572
48	Special industry machinery and equipment.....							3,343
49	General industrial machinery and equipment.....	7	12					11,662
50	Miscellaneous machinery, except electrical.....	18	255					15,301
51	Office, computing, and accounting machines.....	7	1					11,110
52	Service industry machines.....	9	15					9,487
53	Electric industrial equipment and apparatus.....	(*)	575					15,830
54	Household appliances.....	8	44					2,577
55	Electric lighting and wiring equipment.....	19	94					10,908
56	Radio, TV, and communication equipment.....	8	6					11,855
57	Electronic components and accessories.....	2	23					34,838
58	Miscellaneous electrical machinery and supplies.....	9	32					5,857
59	Motor vehicles and equipment.....	61	117					52,428
60	Aircraft and parts.....							11,227
61	Other transportation equipment.....	22	148					3,189
62	Scientific and controlling instruments.....	3	9					9,310
63	Optical, ophthalmic, and photographic equipment.....	21	33					6,974
64	Miscellaneous manufacturing.....	78	55					8,252
65	Transportation and warehousing.....	3,525	754					126,188
66	Communications, except radio and TV.....	186	129					45,605
67	Radio and television broadcasting.....							631
68	Private electric, gas, water, and sanitary services.....	437	10,859					191,170
69	Wholesale and retail trade.....	291	644					143,402
70	Finance and insurance.....	53	213					114,572
71	Real estate and rental.....	774	382					172,829
72	Hotels; personal and repair services (except auto).....	66	118					18,516
73	Business services.....	828	1,001					285,509
74	Eating and drinking places.....	67	344					36,940
75	Automobile repair and services.....	254	107					30,127
76	Amusements.....	22	1					14,426
77	Health, educational, and social services and nonprofit organizations.....	19	56					13,897
78	Federal Government enterprises.....	502	121					21,403
79	State and local government enterprises.....	18	11					2,597
80	Noncomparable imports.....	821						22,444
81	Scrap, used and secondhand goods.....			2				5,048
82	Government industry.....							
83	Rest of the world industry.....							
84	Household industry.....							
85	Inventory valuation adjustment.....							
I	Total intermediate inputs.....	14,584	30,986					2,814,225
VA	Value added.....	23,519	16,038	356,379	50,908	8,442	-11,773	
T	Total industry output.....	38,102	47,024	356,379	50,908	8,442	-11,773	

* Less than \$500,000.

Table 2.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Non-ferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
	For the distribution of commodities produced by an industry, read the row for that industry										
	Commodity number	1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products.....	73,584		123	858						
2	Other agricultural products.....		74,630	956	1,421						
3	Forestry and fishery products.....			6,841							
4	Agricultural, forestry, and fishery services.....				13,343						
5	Iron and ferroalloy ores mining.....					2,355	15				
6	Nonferrous metal ores mining.....					123	3,907	2	(*)	(*)	3
7	Coal mining.....						4	24,399		17	
8	Crude petroleum and natural gas.....							2	124,042	(*)	
9	Stone and clay mining and quarrying.....					5		6	3	4,829	
10	Chemical and fertilizer mineral mining.....						(*)			2	1,555
11	New construction.....										
12	Repair and maintenance construction.....										
13	Ordinance and accessories.....										
14	Food and kindred products.....	9									
15	Tobacco manufactures.....										
16	Broad and narrow fabrics, yarn and thread mills.....										
17	Miscellaneous textile goods and floor coverings.....										
18	Apparel.....										
19	Miscellaneous fabricated textile products.....										
20	Lumber and wood products, except containers.....										
21	Wood containers.....										
22	Household furniture.....										
23	Other furniture and fixtures.....										
24	Paper and allied products, except containers.....										
25	Paperboard containers and boxes.....										
26	Printing and publishing.....										
27	Chemicals and selected chemical products.....								65		22
28	Plastics and synthetic materials.....										
29	Drugs, cleaning and toilet preparations.....									1	
30	Paints and allied products.....										
31	Petroleum refining and related industries.....									76	
32	Rubber and miscellaneous plastics products.....									2	
33	Leather tanning and finishing.....										
34	Footwear and other leather products.....										
35	Glass and glass products.....										
36	Stone and clay products.....									202	
37	Primary iron and steel manufacturing.....									3	
38	Primary nonferrous metals manufacturing.....							(*)			
39	Metal containers.....										
40	Heating, plumbing, and fabricated structural metal products.....										
41	Screw machine products and stampings.....										
42	Other fabricated metal products.....										
43	Engines and turbines.....										
44	Farm and garden machinery.....										
45	Construction and mining machinery.....										
46	Materials handling machinery and equipment.....										
47	Metalworking machinery and equipment.....										
48	Special industry machinery and equipment.....										
49	General industrial machinery equipment.....										
50	Miscellaneous machinery, except electrical.....										
51	Office, computing, and accounting machines.....										
52	Service industry machines.....										
53	Electric industrial equipment and apparatus.....										
54	Household appliances.....										
55	Electric lighting and wiring equipment.....										
56	Radio, TV, and communication equipment.....										
57	Electronic components and accessories.....										
58	Miscellaneous electrical machinery and supplies.....										
59	Motor vehicles and equipment.....										
60	Aircraft and parts.....										
61	Other transportation equipment.....										
62	Scientific and controlling instruments.....										
63	Optical, ophthalmic, and photographic equipment.....										
64	Miscellaneous manufacturing.....										
65	Transportation and warehousing.....										
66	Communications, except radio and TV.....										
67	Radio and television broadcasting.....										
68	Private electric, gas, water, and sanitary services.....								200		
69	Wholesale and retail trade.....										
70	Finance and insurance.....										
71	Real estate and rental.....										
72	Hotels, personal and repair services (except auto).....										
73	Business services.....										
74	Eating and drinking places.....										
75	Automobile repair and services.....										
76	Amusements.....										
77	Health, educational, and social services and nonprofit organizations.....										
78	Federal Government enterprises.....										
79	State and local government enterprises.....										
80	Government industry.....										
81	Rest of the world industry.....										
82	Household industry.....										
83	Inventory valuation adjustment.....										
T	Total industry output.....	73,593	74,630	7,920	15,622	2,483	3,928	24,410	124,311	5,134	1,579

* Less than \$500,000.

by Industries, 1983

at producers' prices]

New construction	Repair and maintenance construction	Ordnance and accessories	Food and kindred products	Tobacco manufactures	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wood containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paper-board containers and boxes	Printing and publishing	Chemicals and selected chemical products	Industry number
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
			4,466						182								1
			682														2
																	3
																	4
																	5
																	6
																	7
																	8
																	9
																109	10
																1	11
296,566	118,377															876	12
		18,690															13
			281,635				19	1	6			2	56	14	12		14
				22,891									5			408	15
					34,909	279	420	1,347				10	25		14		16
					144	11,516	11	45	53			(*)	41		14		17
					150	44	55,278	220								7	18
					149	22	42	10,981	7			8	5		16		19
					2	2		1	46,406	68		28	39		10	(*)	20
					1	11		33	63	538		2	1		3		21
					22	7		7	59	(*)	13,666	32					22
		15			41	3	199	56	119	1	36	11,663	9		6	2	23
					4	40		12	3				60,353	92	368	296	24
								5	13	1			117	19,763	49		25
		19	351			211		98	2				521	72	57,893	6	26
			15					28	12				114		61	73,992	27
			318				5	2	12				6		5	2,253	28
			3			2			1				15			1,635	29
					6				1				1			133	30
		60	47		55	136	47	41	19	2	50	11	21	6		13,917	31
			1				1	4	2				220	35	42	398	32
					1		39	29	8								33
					6	26	4	12	41		4			10			34
							1		28				108				35
		45							6				7				36
		6							6				3				37
			15										27				38
									5				10	83	212		39
									12	2	15	25	15				40
									7		4	9	3	22	4		41
			1		7				32	1	20	40	236	92	81		42
													4				43
									9	1			4				44
														18			45
																	46
								1									47
							1										48
					1		2	1	23	(*)			2	2			49
								6			16		3				50
								4	2				1				51
								7			1		36		53		52
								3					6				53
													4				54
													8				55
													17				56
													3				57
													1				58
													13				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
296,566	118,377	20,637	287,560	22,936	35,592	12,554	55,939	13,097	47,267	617	13,949	12,208	62,549	20,232	59,011	95,993	T

Table 2.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry	Plastics and synthetic materials	Drugs, cleaning and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
		28	29	30	31	32	33	34	35	36
1	Livestock and livestock products.....									
2	Other agricultural products.....									
3	Forestry and fishery products.....									
4	Agricultural, forestry, and fishery services.....									
5	Iron and ferroalloy ores mining.....									
6	Nonferrous metal ores mining.....									
7	Coal mining.....									
8	Crude petroleum and natural gas.....				4,175					
9	Stone and clay mining and quarrying.....				28					119
10	Chemical and fertilizer mineral mining.....									43
11	New construction.....									
12	Repair and maintenance construction.....									
13	Ordnance and accessories.....					3				
14	Food and kindred products.....	10	333		1	100				
15	Tobacco manufactures.....					59				
16	Broad and narrow fabrics, yarn and thread mills.....	1,894	(*)		5			1	5	70
17	Miscellaneous textile goods and floor coverings.....	61	10	4	1	87	(*)	1		
18	Apparel.....	3				7		24		
19	Miscellaneous fabricated textile products.....	2	5			23		4		1
20	Lumber and wood products, except containers.....		15	1	3	67			8	10
21	Wood containers.....					2		(*)		
22	Household furniture.....					33		8	63	
23	Other furniture and fixtures.....	9				43		2		2
24	Paper and allied products, except containers.....	34	18	6	4	400				32
25	Paperboard containers and boxes.....					200		3	19	
26	Printing and publishing.....					39		5	1	
27	Chemicals and selected chemical products.....	4,094	1,297	187	1,508	59	6	5		95
28	Plastics and synthetic materials.....	29,073	111	53		675				11
29	Drugs, cleaning and toilet preparations.....	225	48,989	56	94	83				12
30	Paints and allied products.....	176	9	9,305	2	7				10
31	Petroleum refining and related industries.....	167	127	24	178,253	32		1	5	116
32	Rubber and miscellaneous plastics products.....	365	76	15	6	57,027	2	42	8	96
33	Leather tanning and finishing.....				1	2	2,002	11		
34	Footwear and other leather products.....		1	2		19	1	7,557		3
35	Glass and glass products.....	24		5		40			12,709	6
36	Stone and clay products.....	101	22	17	65	146		(*)	66	33,267
37	Primary iron and steel manufacturing.....					5				8
38	Primary nonferrous metals manufacturing.....		(*)		1	96			82	42
39	Metal containers.....					26			5	
40	Heating, plumbing, and fabricated structural metal products.....			5	2	97			59	31
41	Screw machine products and stampings.....	81				32			1	6
42	Other fabricated metal products.....	19	14	39	1	175	(*)	5	2	24
43	Engines and turbines.....					7				
44	Farm and garden machinery.....					14				2
45	Construction and mining machinery.....					2				
46	Materials handling machinery and equipment.....					29				3
47	Metalworking machinery and equipment.....	5	17		1	14				12
48	Special industry machinery and equipment.....		5	2		73			10	2
49	General industrial machinery equipment.....	3	3	4		4				11
50	Miscellaneous machinery, except electrical.....					52		1		
51	Office, computing, and accounting machines.....					12			(*)	4
52	Service industry machines.....		11			40			4	31
53	Electric industrial equipment and apparatus.....					23			1	
54	Household appliances.....		17			14		2	19	6
55	Electric lighting and wiring equipment.....				1	33				7
56	Radio, TV, and communication equipment.....	12				53				14
57	Electronic components and accessories.....		11			14		4	(*)	3
58	Miscellaneous electrical machinery and supplies.....		10	29	10	8				46
59	Motor vehicles and equipment.....				6	106				13
60	Aircraft and parts.....					7			(*)	
61	Other transportation equipment.....		285			41		4	50	
62	Scientific and controlling instruments.....		13	10		173			(*)	12
63	Optical, ophthalmic, and photographic equipment.....	45	63	3	2	190	(*)	18	(*)	24
64	Miscellaneous manufacturing.....									
65	Transportation and warehousing.....									
66	Communications, except radio and TV.....									
67	Radio and television broadcasting.....									
68	Private electric, gas, water, and sanitary services.....				84					
69	Wholesale and retail trade.....									
70	Finance and insurance.....									
71	Real estate and rental.....									
72	Hotels, personal and repair services (except auto).....									
73	Business services.....									
74	Eating and drinking places.....									
75	Automobile repair and services.....									
76	Amusements.....									
77	Health, educational, and social services and nonprofit organizations.....									
78	Federal Government enterprises.....									
79	State and local government enterprises.....									31
80	Government industry.....									
81	Rest of the world industry.....									
82	Household industry.....									
83	Inventory valuation adjustment.....									
T	Total industry output.....	36,356	51,460	9,748	184,250	60,517	2,011	7,693	13,114	34,221

* Less than \$500,000.

by Industries, 1983—Continued
at producers' prices]

Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metal-working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Industry number
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
																1
																2
																3
																4
																5
																6
																7
																8
													17			9
																10
																11
																12
																13
16	3	1	96	39	25	47		2	(*)	32	49	3	9		1	14
		24	7	42	4		1				16				10	15
		22														16
	5				4						97					17
					4						11				2	18
			1	1	12		1		(*)	3	(*)			4		19
1	3		89	3	75		2		3	8	5	2	(*)			20
					1				1							21
14	15		27	8	35		6			7	5	6		37		22
4			26	9	13		3		9	3		6	5	21	8	23
			8		167							8		259		24
		15		20	29					2	4					25
5		15	13		88					12	12					26
8	59		14	21	104		25		2	14	145	20	1	79		27
					16					12				7		28
					13						7	25				29
		73	1					5		6		8				30
35	23	3	52	31	148		21	6	14	165	33	47	26	39	9	31
																32
			1	2	7		1			3	1					33
			13	5	17					11		5				34
4			51	1	48		4	8	1	41	14	30	7	20	1	35
7			187	124	1,583		32	16	5	91	16	72	20	18		36
55,885	334		94	16	305		2			142	19	54	6			37
329	50,443		25	27	12		3			10	1					38
		11,579	85,079	106	211	31	49	27	49	27	99	39				39
70	119	10	81	23,546	115	21	23	14	10	307	17	87	14	14	15	40
61	41	36	146	180	33,829	39	43	51	40	228	118	132	70	26	32	41
298	101	8	74	13	20	10,596	2	8		34	20	50	7	15	15	42
6			48	22	44	48	10,451	256	13	12	36	29	5		6	43
85	(*)		92	5	264	237	76	14,918	123	27	22	189	14		8	44
138			23	9	16	6	14	44	5,344	48	55	12	24	3		45
15			30	39	115	10	67	27	24	18,875	92	58	23	20	16	46
51	5		49	7	26	9	14	14	22	67	95	10	89	33	47	47
19	4	1	118	42	346	325	36	77	26	11,056	149	17,832	87	69	120	48
52	61		24	12	40	45	9	8	6	107	42	107	5	5	14	49
20	18	2	44	67	103		17	1	15	14	18	112	12	28	3	50
2		6	103	8	78			5	17	15	14	79	7	96		51
7	67		17	7	34	139				40	11	1	6			52
24	82		125	135	25		21			16	1	88	6		225	53
30	7	17	32	56	63				12	9	6	7				54
53	87		19	3	93				4	7	48	11	21	321	7	55
12	133		44	54	36	13		10	48	154	66	17	1,560		56	56
20	51		1	5	7			5	7	(*)	(*)	12	49	37	7	57
14	261		149	1,233	198	220	86	109	65	195	60	70	44	57	203	58
448	201	5	99	112	132	602	26	81	43	61	108	179	16	211	71	59
54	7		87	1	30	33	108	15	7	44	22	10	7	14	14	60
4			32	18	83			9	10	20	14	67	14	81	11	61
2	24		6	20	14	41		8		25	39	29	27	240	1	62
7	21	1	18	26	59		5	(*)		22	10	17	6	9	1	63
																64
																65
																66
																67
																68
																69
																70
																71
																72
																73
																74
																75
																76
																77
																78
																79
																80
																81
																82
																83
																84
																85
57,799	52,184	11,845	37,214	26,074	38,692	12,460	11,147	15,729	5,892	15,853	12,648	19,786	15,283	46,326	16,175	T

Table 2.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
		53	54	55	56	57	58	59	60	61
1	Livestock and livestock products.....									
2	Other agricultural products.....									
3	Forestry and fishery products.....									
4	Agricultural, forestry, and fishery services.....									
5	Iron and ferroalloy ores mining.....									
6	Nonferrous metal ores mining.....									
7	Coal mining.....									
8	Crude petroleum and natural gas.....									
9	Stone and clay mining and quarrying.....									
10	Chemical and fertilizer mineral mining.....									
11	New construction.....									
12	Repair and maintenance construction.....									
13	Ordnance and accessories.....	36	1	1	809	11	1	75	700	98
14	Food and kindred products.....		4							
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....									
17	Miscellaneous textile goods and floor coverings.....	1				8		2		
18	Apparel.....					3				
19	Miscellaneous fabricated textile products.....			(*)				7	1	2
20	Lumber and wood products, except containers.....		2	1	14	2		17		20
21	Wood containers.....									
22	Household furniture.....		54	4	8	13		6		
23	Other furniture and fixtures.....		2		11			3	7	12
24	Paper and allied products, except containers.....	2		2	9	248	6	13		
25	Paperboard containers and boxes.....									
26	Printing and publishing.....				27					
27	Chemicals and selected chemical products.....	4			16	113	46		11	2
28	Plastics and synthetic materials.....									
29	Drugs, cleaning and toilet preparations.....		4		11		46			
30	Paints and allied products.....	1								
31	Petroleum refining and related industries.....	16	20	28	14	49	8	82	39	14
32	Rubber and miscellaneous plastics products.....							3		
33	Leather tanning and finishing.....							1		
34	Footwear and other leather products.....								1	
35	Glass and glass products.....	8	10	12	12			25		
36	Stone and clay products.....	20		42	43	30	8	11	21	2
37	Primary iron and steel manufacturing.....	13		85		17		183		1
38	Primary nonferrous metals manufacturing.....	38	3	23	15	22	49	167	15	1
39	Metal containers.....			2				12		
40	Heating, plumbing, and fabricated structural metal products.....	53	70	26	35	7	26	82	44	25
41	Screw machine products and stampings.....	38	116	23		18	25	44	14	10
42	Other fabricated metal products.....	104	21	44	32	28	23	44	31	12
43	Engines and turbines.....	399	8		15			150	41	4
44	Farm and garden machinery.....	2	8	8				8	24	14
45	Construction and mining machinery.....	33			31		3	24	14	32
46	Materials handling machinery and equipment.....	11			8			94	3	10
47	Metalworking machinery and equipment.....	32	5	8	11	24	1	47	6	8
48	Special industry machinery and equipment.....	8	8	2	5	5	2	22	1	12
49	General industrial machinery equipment.....	93	50	33	13	59	5	183	38	20
50	Miscellaneous machinery, except electrical.....	10	8	6	9	12	26	301	36	2
51	Office, computing, and accounting machines.....	124	36	32	105	1,416	55		63	9
52	Service industry machines.....	14	285	18	19	11	41	614		1
53	Electric industrial equipment and apparatus.....	25,323	18	160	162	324	35	47	12	4
54	Household appliances.....	52	12,974	14	49		31	85	21	
55	Electric lighting and wiring equipment.....	148		11,873	186	146	51	122		6
56	Radio, TV, and communication equipment.....	371	9	71	54,744	840	8	71	59	3
57	Electronic components and accessories.....	148	10	171	444	32,721	79	34	40	
58	Miscellaneous electrical machinery and supplies.....	111	1	59	49	67	12,323	265	19	
59	Motor vehicles and equipment.....	216	82	103	4		344	141,787	110	56
60	Aircraft and parts.....	92		66	391	114		77	54,307	106
61	Other transportation equipment.....	7	1	3	12	23		185	31	26,218
62	Scientific and controlling instruments.....	175	30	57	226	108	35	84	35	4
63	Optical, ophthalmic, and photographic equipment.....	30	12	195	217	117	26	19	59	
64	Miscellaneous manufacturing.....	1	6	12	43	15	6	5	9	8
65	Transportation and warehousing.....									
66	Communications, except radio and TV.....									
67	Radio and television broadcasting.....									
68	Private electric, gas, water, and sanitary services.....									
69	Wholesale and retail trade.....									
70	Finance and insurance.....									
71	Real estate and rental.....									
72	Hotels; personal and repair services (except auto).....									
73	Business services.....									
74	Eating and drinking places.....									
75	Automobile repair and services.....									
76	Amusements.....									
77	Health, educational, and social services and nonprofit organizations.....									
78	Federal Government enterprises.....									
79	State and local government enterprises.....									
82	Government industry.....									
83	Rest of the world industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
T	Total industry output.....	27,734	13,857	13,192	57,756	36,571	13,315	144,942	55,818	26,688

* Less than \$500,000.

by Industries, 1983—Continued

at producers' prices]

Scientific and controlling instruments	Optical, ophthalmic, and photographic equipment	Miscellaneous manufacturing	Transportation and warehousing	Communications, except radio and TV	Radio and TV broadcasting	Private electric, gas, water, and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels, personal and repair services (exc. auto)	Business services	Eating and drinking places	Auto-mobile repair and services	Amusements	Health, educational, and social services and nonprofit organizations	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	
			27											102		1
														185		2
																3
																4
																5
																6
																7
																8
																9
																10
																11
																12
																13
																14
																15
																16
																17
																18
																19
																20
																21
																22
																23
																24
																25
																26
																27
																28
																29
																30
																31
																32
																33
																34
																35
																36
																37
																38
																39
																40
																41
																42
																43
																44
																45
																46
																47
																48
																49
																50
																51
																52
																53
																54
																55
																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
24,167	20,946	26,238	214,181	99,037	1,502	288,130	574,784	254,708	530,478	76,706	350,481	155,462	70,684	45,891	341,343	T

Table 2.—The Make of Commodities by Industries, 1982—Continued

[Millions of dollars at producers' prices]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Federal Government enterprises	State and local government enterprises	Scrap and used goods	Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	Total industry output
		78	79	81	82	83	84	85	
1	Livestock and livestock products.....								79,133
2	Other agricultural products.....								78,083
3	Forestry and fishery products.....								6,841
4	Agricultural, forestry, and fishery services.....								13,343
5	Iron and ferroalloy ores mining.....								2,370
6	Nonferrous metal ores mining.....								4,039
7	Coal mining.....								24,421
8	Crude petroleum and natural gas.....								134,405
9	Stone and clay mining and quarrying.....								4,993
10	Chemical and fertilizer mineral mining.....								2,476
11	New construction.....								296,566
12	Repair and maintenance construction.....								118,377
13	Ordinance and accessories.....			155					20,945
14	Food and kindred products.....								282,736
15	Tobacco manufactures.....				1				22,919
16	Broad and narrow fabrics, yarn and thread mills.....								39,292
17	Miscellaneous textile goods and floor coverings.....								12,106
18	Apparel.....								55,813
19	Miscellaneous fabricated textile products.....								11,388
20	Lumber and wood products, except containers.....				5				47,129
21	Wood containers.....				(*)				620
22	Household furniture.....				(*)				14,216
23	Other furniture and fixtures.....				4				12,092
24	Paper and allied products, except containers.....				5				63,090
25	Paperboard containers and boxes.....				(*)				20,274
26	Printing and publishing.....				26				93,861
27	Chemicals and selected chemical products.....				5				82,937
28	Plastics and synthetic materials.....				4				32,715
29	Drugs, cleaning and toilet preparations.....				2				51,827
30	Paints and allied products.....				(*)				9,654
31	Petroleum refining and related industries.....				9				192,859
32	Rubber and miscellaneous plastics products.....								59,921
33	Leather tanning and finishing.....								2,026
34	Footwear and other leather products.....								7,706
35	Glass and glass products.....								12,971
36	Stone and clay products.....								34,687
37	Primary iron and steel manufacturing.....				6				59,104
38	Primary nonferrous metals manufacturing.....				18				52,268
39	Metal containers.....				2				12,034
40	Heating, plumbing, and fabricated structural metal products.....				34				36,977
41	Screw machine products and stampings.....				(*)				24,313
42	Other fabricated metal products.....				28				36,855
43	Engines and turbines.....				174				11,731
44	Farm and garden machinery.....								11,223
45	Construction and mining machinery.....				255				16,647
46	Materials handling machinery and equipment.....				50				5,836
47	Metalworking machinery and equipment.....				43				14,833
48	Special industry machinery and equipment.....				158				11,884
49	General industrial machinery equipment.....				29				20,178
50	Miscellaneous machinery, except electrical.....				7				15,602
51	Office, computing, and accounting machines.....				211				45,893
52	Service industry machines.....				6				16,871
53	Electric industrial equipment and apparatus.....				58				27,032
54	Household appliances.....				5				14,024
55	Electric lighting and wiring equipment.....				(*)				13,083
56	Radio, TV, and communication equipment.....				442				58,241
57	Electronic components and accessories.....				10				36,117
58	Miscellaneous electrical machinery and supplies.....				4				13,417
59	Motor vehicles and equipment.....				18				146,577
60	Aircraft and parts.....				417				58,521
61	Other transportation equipment.....				61				26,971
62	Scientific and controlling instruments.....				381				23,824
63	Optical, ophthalmic, and photographic equipment.....				123				22,193
64	Miscellaneous manufacturing.....				7				27,267
65	Transportation and warehousing.....				73				210,070
66	Communications, except radio and TV.....				1				99,037
67	Radio and television broadcasting.....								12,835
68	Private electric, gas, water, and sanitary services.....								250,280
69	Wholesale and retail trade.....								572,702
70	Finance and insurance.....								256,677
71	Real estate and rental.....								522,960
72	Hotels; personal and repair services (except auto).....								77,313
73	Business services.....								302,690
74	Eating and drinking places.....								153,149
75	Automobile repair and services.....								70,194
76	Amusements.....								45,857
77	Health, educational, and social services and nonprofit organizations.....								341,797
78	Federal Government enterprises.....	27,872							38,102
79	State and local government enterprises.....		11,000						47,024
82	Government industry.....				356,379				356,379
83	Rest of the world industry.....					50,908			50,908
84	Household industry.....						8,442		8,442
85	Inventory valuation adjustment.....							-11,773	-11,773
T	Total industry output.....	27,872	11,147	2,836	356,379	50,908	8,442	-11,773	6,202,783

* Less than \$500,000.

CURRENT BUSINESS STATISTICS

The statistics here update series published in BUSINESS STATISTICS: 1986, a statistical supplement to the SURVEY OF CURRENT BUSINESS. This volume (available from the Superintendent of Documents for \$16.00, stock no. 003-010-00181-0) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1983 through 1986, annually, 1961-86; for selected series, monthly or quarterly, 1961-86 (where available).

The sources of the series are given in BUSINESS STATISTICS: 1986; they appear in the main methodological note for each series, and are also listed alphabetically on pages 145-146. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Units	- 1988																1989
	Annual		1987													1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
GENERAL BUSINESS INDICATORS																	
PERSONAL INCOME BY SOURCE †																	
Seasonally adjusted, at annual rates:																	
Total personal income.....bil. \$..	3,531.1	3,780.0	3,989.0	3,921.8	3,946.7	3,985.9	4,001.0	4,021.4	4,044.9	4,075.3	4,091.8	4,114.7	*4,178.3	*4,170.4	*4,208.0	4,282.0	
Wage and salary disbursements, total.....do ..	2,094.0	2,248.4	2,353.5	2,342.3	2,359.0	2,374.7	2,394.0	2,408.4	2,427.5	2,451.9	2,459.1	2,475.0	2,508.1	*2,516.1	*2,582.1	2,562.4	
Commodity-producing industries, total.....do ..	625.5	649.8	666.3	669.4	673.5	685.0	685.1	687.7	694.4	699.3	700.2	704.4	716.8	*715.4	*716.1	722.9	
Manufacturing.....do ..	478.1	490.8	501.8	505.2	507.3	516.3	514.3	516.8	521.1	524.4	524.9	528.4	539.6	*536.8	*536.6	540.8	
Distributive industries.....do ..	498.9	531.7	548.6	554.8	559.3	560.4	568.5	571.6	576.3	583.9	584.7	588.8	596.9	*598.3	*603.0	612.1	
Service industries.....do ..	575.9	646.8	706.4	688.1	689.0	690.2	699.5	706.1	712.0	721.8	725.1	730.6	741.2	*746.9	*755.4	764.0	
Govt. and govt. enterprises.....do ..	393.7	420.1	432.3	435.0	437.1	439.0	441.0	443.0	444.8	447.0	449.1	451.2	453.2	455.5	457.6	463.5	
Other labor income.....do ..	196.1	207.9	213.3	214.0	214.6	215.2	215.8	216.4	217.4	218.5	219.5	220.5	221.5	222.5	223.5	224.5	
Proprietors' income: ‡																	
Farm.....do ..	36.4	43.0	41.4	35.9	41.5	56.8	44.8	45.2	40.3	34.1	31.4	27.2	41.5	*13.7	*23.1	45.8	
Nonfarm.....do ..	250.3	270.0	280.6	278.6	279.0	279.9	283.3	286.2	287.5	289.4	290.2	292.6	*296.7	*298.3	*300.9	303.8	
Rental income of persons with capital consumption adjustment.....bil. \$..	12.4	18.4	21.5	20.8	20.5	20.2	19.3	18.9	19.0	19.3	19.7	20.0	*19.2	*18.5	*17.9	18.8	
Dividends.....do ..	82.8	88.6	92.4	92.8	98.6	94.0	94.7	95.0	95.4	96.3	97.5	98.0	98.9	99.4	99.8	101.2	
Personal interest income.....do ..	499.1	527.0	555.1	554.4	554.1	554.1	558.8	563.7	568.7	574.9	581.8	589.1	597.2	605.4	613.8	622.4	
Transfer payments.....do ..	521.1	548.8	557.9	572.2	574.6	582.2	582.8	582.0	583.6	587.0	589.2	589.7	594.7	*596.5	597.7	612.9	
Less: Personal contributions for social insurance.....do ..	161.1	172.0	176.8	189.1	190.2	191.2	192.4	193.4	194.6	196.2	196.5	197.4	199.5	200.0	*200.9	209.8	
Total nonfarm income.....do ..	3,472.5	3,716.0	3,877.1	3,865.5	3,884.7	3,908.7	3,935.4	3,955.1	3,983.3	4,020.2	4,039.3	4,066.3	*4,115.6	*4,135.4	*4,163.6	4,214.9	
DISPOSITION OF PERSONAL INCOME †																	
Seasonally adjusted, at annual rates:																	
Total personal income.....bil. \$..	3,531.1	3,780.0	3,989.0	3,921.8	3,946.7	3,985.9	4,001.0	4,021.4	4,044.9	4,075.3	4,091.8	4,114.7	*4,178.3	*4,170.4	*4,208.0	4,282.0	
Less: Personal tax and nontax payments.....do ..	511.4	570.3	599.5	578.1	570.0	579.5	643.5	579.9	579.6	584.2	585.9	589.2	595.6	*597.5	*601.4	614.1	
Equals: Disposable personal income.....do ..	3,019.6	3,209.7	3,389.5	3,343.7	3,376.7	3,406.4	3,357.6	3,441.5	3,465.3	3,491.1	3,505.9	3,525.5	*3,582.7	*3,572.9	*3,606.6	3,667.9	
Less: Personal outlays.....do ..	2,898.0	3,108.5	3,193.1	3,206.9	3,222.9	3,247.2	3,259.6	3,289.8	3,331.4	3,342.0	3,372.6	3,371.0	*3,408.6	*3,422.8	*3,451.3	3,456.9	
Personal consumption expenditures.....do ..	2,807.5	3,012.1	3,097.0	3,109.8	3,125.4	3,149.0	3,161.3	3,190.9	3,231.5	3,241.7	3,271.7	3,270.2	*3,307.0	*3,320.3	*3,348.0	3,352.6	
Durable goods.....do ..	406.5	421.9	491.0	437.1	437.4	438.9	442.6	447.4	453.8	451.6	456.2	450.8	*453.3	*458.7	*480.1	465.6	
Nondurable goods.....do ..	943.6	997.9	1,018.8	1,009.1	1,011.9	1,027.5	1,025.7	1,038.2	1,046.0	1,053.0	1,064.4	1,065.0	*1,071.3	*1,080.9	*1,076.0	1,086.0	
Services.....do ..	1,457.3	1,592.3	1,647.2	1,663.6	1,676.0	1,682.6	1,693.1	1,705.3	1,726.1	1,737.1	1,751.1	1,754.4	*1,782.4	*1,780.7	*1,791.9	1,801.0	
Interest paid by consumers to business.....do ..	89.1	92.1	95.0	95.9	96.4	97.1	97.5	98.1	99.1	99.4	100.0	100.0	100.4	*101.3	*102.2	103.1	
Personal transfer payments to foreigners (net).....do ..	1.4	1.3	1.2	1.2	1.2	1.2	.8	.8	.8	.8	.8	.8	1.2	1.2	1.2	1.2	
Equals: personal saving.....do ..	121.7	104.2	146.4	136.9	153.8	159.1	97.9	151.7	133.9	149.1	133.3	154.5	*174.0	*150.1	*155.2	211.0	
Personal saving as percentage of disposable personal income %.....percent.	4.0	3.2	4.1	4.3	4.4	4.1	4.0	3.7	4.2	4.0	4.2	4.4	*4.5	*4.5	4.8	.....
Disposable personal income in constant (1982) dollars.....bil. \$..	2,640.9	2,866.3	2,745.1	2,739.8	2,768.0	2,779.2	2,721.5	2,776.5	2,788.4	2,797.0	2,802.2	2,802.0	*2,835.0	*2,823.1	*2,841.3	2,871.5	
Personal consumption expenditures in constant (1982) dollars.....do ..	2,455.2	2,521.0	2,545.8	2,548.1	2,562.0	2,569.2	2,562.5	2,574.8	2,600.3	2,597.3	2,615.0	2,599.1	*2,616.9	*2,623.5	*2,637.6	2,624.6	
Durable goods.....do ..	385.0	390.9	395.2	399.8	401.7	402.0	405.0	408.7	418.0	410.4	413.2	407.6	*408.1	*412.7	*428.6	415.2	
Nondurable goods.....do ..	879.5	890.5	896.6	887.7	892.1	898.3	888.1	893.5	899.1	901.0	909.4	903.0	*904.9	*914.2	*908.8	911.0	
Services.....do ..	1,190.7	1,239.5	1,254.1	1,260.7	1,268.2	1,269.0	1,269.4	1,272.0	1,283.1	1,285.9	1,292.3	1,288.5	*1,303.9	*1,296.6	*1,300.2	1,298.5	
Implicit price deflator for personal consumption expenditures.....index, 1982=100 ..	114.3	119.5	121.7	122.0	122.0	122.6	124.4	124.0	124.3	124.8	125.1	125.8	126.4	126.6	126.9	127.7	
INDUSTRIAL PRODUCTION ◇																	
<i>Federal Reserve Board Index of Quantity Output</i>																	
Not Seasonally Adjusted																	
Total index.....1977=100 ..	125.1	129.8	129.9	130.8	134.2	134.1	133.9	135.0	139.3	136.3	141.7	143.0	*142.2	139.3	*136.6	*137.3	
By industry groupings:																	
Mining and utilities.....do ..	108.5	104.3	108.1	111.8	111.2	106.1	103.5	101.3	106.5	108.3	112.6	107.9	*105.1	*106.5	*108.6	*110.0	
Manufacturing.....do ..	129.1	134.7	134.0	134.4	138.5	139.4	139.6	141.3	145.5	141.5	147.2	149.6	149.1	145.4	*141.8	*142.2	
Nondurable manufactures.....do ..	130.1	136.8	135.0	134.2	138.4	139.2	139.8	140.7	146.4	145.1	151.7	152.8	*151.2	*145.9	*141.6	*141.2	
Durable manufactures.....do ..	128.4	138.1	139.3	134.6	138.6	139.5	139.4	141.6	144.8	138.9	144.0	147.3	*147.6	*145.1	*141.9	*142.9	
Seasonally Adjusted																	
Total index.....do ..	125.1	129.8	133.9	134.4	134.4	134.7	135.4	136.1	136.5	138.0	138.5	138.6	*139.4	*139.9	*140.6	*141.1	
By market groupings:																	
Products, total.....do ..	133.3	138.3	141.3	142.7	143.4	143.6	144.1	145.0	145.3	146.5	147.3	147.4	148.1	148.3	*149.4	*150.1	
Final products.....do ..	132.4	136.8	139.8	141.1	141.6	141.8	142.5	143.5	144.0	145.8	146.8	147.4	148.4	*147.6	*147.6	*148.2	
Consumer goods.....do ..	124.0	127.8	129.8	131.2	131.3	131.2	131.9	132.7	133.0	134.2	135.0	134.8	*136.4	*136.7	*138.0	*138.9	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986

Units	Annual		1988												1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
GENERAL BUSINESS INDICATORS—Continued																
INDUSTRIAL PRODUCTION ◊—Continued																
Seasonally Adjusted—Continued																
By market groupings—Continued																
Final products—Continued																
Durable consumer goods..... 1977=100...	115.6	120.2	120.3	121.7	120.6	120.4	123.3	125.6	125.3	125.3	125.7	126.3	*129.3	*129.2	*132.1	*132.2
Automotive products.....do	115.3	118.5	115.4	118.7	117.6	120.6	121.9	127.1	127.1	124.4	124.2	126.4	*128.9	*129.5	*134.8	*134.6
Autos and trucks, consumer.....do	112.9	115.1	110.2	112.3	111.8	116.4	118.0	126.9	125.3	120.8	123.1	124.8	128.3	129.5	*138.0	*137.2
Autos, consumer.....do	97.3	90.7	83.7	77.5	79.5	86.3	91.0	98.9	99.0	98.8	93.0	97.7	101.3	101.0	*105.1	*99.6
Trucks, consumer.....do	141.8	160.5	159.5	178.3	171.6	172.2	168.2	178.9	174.1	170.8	179.0	175.3	178.4	182.4	*199.1	.....
Home goods.....do	115.8	121.6	123.9	124.0	122.3	120.2	124.3	124.4	123.9	125.9	126.8	126.2	*129.7	128.9	*130.0	*130.4
Nondurable consumer goods.....do	127.1	130.6	133.3	134.7	135.3	135.1	135.1	135.4	135.8	137.5	138.5	138.0	*139.0	*139.5	*140.2	*141.3
Consumer staples.....do	133.9	137.4	140.7	142.3	142.9	142.5	142.5	143.1	143.5	145.3	146.6	145.8	*147.0	*147.6	*148.6	*149.6
Consumer foods and tobacco.....do	132.7	136.3	139.2	140.3	140.8	139.4	138.3	139.2	139.3	141.1	141.3	141.1	*142.4	*143.6	*144.4	.....
Nonfood staples.....do	135.2	138.5	142.2	144.3	145.0	145.7	146.8	147.0	147.9	149.6	152.1	150.7	*151.8	*151.8	*152.9	*154.1
Equipment.....do	148.6	148.9	153.1	154.3	155.3	155.9	156.5	157.7	158.5	159.4	160.1	160.4	*159.7	*159.9	*160.3	*160.5
Business and defense equipment.....do	148.1	153.6	157.8	159.2	160.3	160.8	161.4	162.7	163.5	164.6	165.2	165.6	*165.1	*165.5	*166.2	*166.4
Business equipment.....do	139.4	144.5	149.8	151.2	152.4	153.3	154.6	156.9	158.1	159.3	160.2	160.8	*160.2	*161.2	*162.0	*162.5
Construction, mining, and farm.....do	55.7	62.2	67.4	67.1	67.6	68.3	70.8	71.8	72.4	73.6	73.1	74.3	74.2	*74.5	*75.2	*75.2
Manufacturing.....do	114.0	117.9	122.2	125.4	124.9	127.0	127.7	128.3	130.3	132.4	134.0	135.3	*136.2	*136.6	*137.1	*138.3
Power.....do	82.4	82.6	84.2	86.2	88.3	87.8	87.0	87.4	88.3	89.8	90.9	92.2	*91.5	*92.1	*92.3	*92.9
Commercial.....do	217.4	226.5	235.5	238.0	240.3	239.9	241.5	245.7	247.1	248.4	249.8	248.7	*246.8	*247.3	*248.3	*248.8
Transit.....do	108.8	108.4	109.1	106.5	108.2	111.1	112.3	115.3	115.7	115.9	115.2	116.8	*120.3	121.9	*124.5	*123.1
Defense and space equipment.....do	182.0	188.9	188.9	190.6	191.0	189.9	187.9	185.5	184.6	184.9	184.9	184.5	184.0	*182.5	*182.3	*181.9
Intermediate products.....do	136.2	143.4	146.5	148.1	149.4	149.9	149.6	150.4	150.0	151.6	152.3	153.9	*154.0	*154.2	*155.4	*156.8
Construction supplies.....do	126.4	131.5	135.8	137.7	137.3	137.6	137.6	138.8	137.6	138.4	138.1	138.4	*140.0	*141.0	*141.4	*143.4
Business supplies.....do	144.6	153.5	157.4	157.8	159.4	160.7	159.9	160.3	160.6	162.8	164.4	165.2	*165.9	*165.4	*167.2	.....
Materials.....do	113.8	118.2	123.7	123.0	122.1	122.5	123.6	123.9	124.5	126.4	126.5	126.5	*127.5	128.3	*128.7	*128.7
Durable goods materials.....do	120.0	125.0	132.0	131.8	131.4	131.3	132.7	134.8	134.9	136.8	136.6	137.8	*138.9	*139.8	*139.9	*140.8
Nondurable goods materials.....do	117.5	125.9	132.5	129.9	128.1	130.1	131.1	130.1	130.1	132.8	133.1	132.6	*134.7	135.1	*136.8	*137.1
Energy materials.....do	99.7	99.8	101.7	101.4	100.6	100.6	101.0	99.5	101.3	102.7	103.2	101.5	*101.3	*102.2	*102.1	*100.2
By industry groupings:																
Mining and utilities.....do	103.5	104.3	107.3	107.8	106.8	106.7	107.1	106.0	106.8	108.1	109.0	107.2	*107.2	*107.7	*108.2	*107.1
Mining.....do	100.4	100.7	104.6	108.3	101.5	102.7	104.7	102.6	103.0	104.3	103.8	103.7	*103.1	*104.5	*104.5	*103.3
Metal mining.....do	74.2	77.6	96.5	91.5	83.9	84.9	86.9	86.0	82.2	94.0	96.6	99.1	*101.6	102.7	.....	.....
Coal.....do	127.7	131.8	140.6	140.2	133.7	129.1	136.0	127.8	126.9	141.5	137.2	142.2	138.5	149.7	*155.1	*148.1
Oil and gas extraction #.....do	93.9	92.7	94.1	98.1	92.4	94.8	95.5	94.6	95.8	93.3	93.2	92.0	*91.5	90.8	*89.4	*88.8
Crude oil.....do	105.0	100.3	100.7	99.6	98.4	100.9	101.4	99.4	100.5	98.3	97.7	97.1	*95.9	96.4	*95.3	.....
Natural gas.....do	83.9	85.5	88.6	87.2	87.1	86.1	85.4	87.2	87.7	84.9	86.0	84.1	87.4	.....	.....	.....
Stone and earth minerals.....do	123.1	128.2	135.6	132.1	134.3	136.9	141.2	140.1	137.4	140.2	141.3	139.7	*142.8	*142.6	*144.7	.....
Utilities.....do	108.5	110.3	111.7	115.2	115.6	113.3	111.0	111.6	113.2	114.4	117.8	113.0	*113.9	*113.1	*114.1	*113.2
Electric.....do	122.4	126.6	125.6	130.3	130.7	129.0	127.6	129.7	132.1	134.6	138.8	132.2	*132.8	*131.5	*132.6	.....
Manufacturing.....do	129.1	134.7	138.9	139.4	139.5	140.0	140.8	141.8	142.1	143.6	144.0	144.4	145.3	*145.3	*145.9	*146.6
Nondurable manufactures.....do	130.1	136.8	141.3	141.4	141.1	141.7	142.3	142.1	142.6	144.6	145.1	145.3	*146.3	*145.3	*147.6	*148.6
Foods.....do	134.4	137.8	140.1	141.2	141.9	141.1	140.3	141.0	141.3	143.3	143.3	143.2	*144.0	*145.3	*145.9	.....
Tobacco products.....do	97.1	103.5	105.8	105.8	107.0	107.2	107.2	107.2	104.5	100.6	105.1	105.0	*105.4	106.6	.....	.....
Textile mill products.....do	109.2	115.9	118.2	116.2	115.3	117.0	117.3	114.6	114.3	117.1	116.4	116.2	117.0	*117.2	*117.2	.....
Apparel products.....do	103.1	107.4	107.8	108.7	108.5	108.7	109.2	108.6	109.3	109.4	108.9	109.9	109.5	110.1	*152.6	.....
Paper and products.....do	136.5	144.4	150.6	149.9	148.0	149.1	149.2	149.5	148.6	152.3	151.0	150.9	*151.8	150.7	*152.6	.....
Printing and publishing.....do	160.9	172.1	176.9	177.5	178.7	180.4	181.8	180.7	182.3	184.9	186.7	188.0	*188.1	*188.8	*189.5	*191.5
Chemicals and products.....do	132.0	140.2	147.9	147.9	145.4	146.4	148.9	149.1	150.5	153.4	154.8	155.3	*156.7	*157.3	*158.1	.....
Petroleum products.....do	92.7	93.5	96.1	96.3	95.9	98.4	98.5	95.2	94.1	95.0	96.0	98.7	98.3	*95.0	*98.1	*99.8
Rubber and plastics products.....do	151.4	163.6	170.6	170.5	172.3	172.2	172.3	173.4	174.4	175.4	175.3	175.3	*176.9	*177.5	*179.0	.....
Leather and products.....do	61.4	60.0	57.5	58.3	59.7	59.5	58.0	57.1	58.9	59.1	59.4	59.9	61.0	*61.9	*62.5	.....
Durable manufactures.....do	128.4	133.1	137.3	137.9	138.4	138.8	139.7	141.5	141.7	142.9	143.2	143.8	*144.6	*145.2	*146.0	*146.5
Lumber and products.....do	124.1	130.8	133.6	136.3	139.0	137.8	138.0	139.8	136.4	136.6	138.8	133.5	*137.5	*139.6	*141.7	.....
Furniture and fixtures.....do	143.8	152.8	159.4	158.0	158.3	159.4	159.2	160.5	161.2	162.9	164.9	164.9	164.5	*165.4	*166.6	.....
Clay, glass, and stone products.....do	118.2	119.1	120.1	120.4	121.6	122.5	121.4	121.5	123.4	122.2	122.6	122.6	*123.3	*124.7	*125.1	.....
Primary metals.....do	75.1	81.3	90.6	86.5	86.4	85.1	85.3	89.2	87.5	91.5	90.8	93.1	*94.2	*93.2	*92.0	*94.2
Iron and steel.....do	63.4	70.6	81.9	77.8	77.4	74.2	74.5	78.6	74.2	80.2	78.9	81.4	83.1	*81.3	*79.8	.....
Nonferrous metals.....do	97.2	101.6	107.0	108.0	109.5	106.7	106.6	109.1	112.7	112.7	113.3	115.1	*115.0	*115.6	*115.0	.....
Fabricated metal products.....do	108.0	111.0	115.3	117.1	117.6	118.3	118.8	119.3	120.4	121.7	122.1	122.5	*122.6	*122.6	*123.9	*125.6
Nonelectrical machinery.....do	145.0	152.7	161.0	162.9	163.6	164.6	167.2	170.3	171.2	173.1	174.1	174.3	*173.8	*175.3	*176.4	*176.8
Electrical machinery.....do	165.7	172.3	175.9	177.4	177.8	176.6	178.7	179.1	179.5	181.5	182.2	181.8	*183.0	*182.2	*182.7	*182.6
Transportation equipment.....do	127.5	129.2	128.1	128.6	128.4	130.0	130.4	133.1	132.8	131.9	131.8	132.7	134.8	*135.1	*137.0	*136.4
Motor vehicles and parts.....do	111.5	111.8	110.2	109.7	109.3	113.0	114.8	119.6	119.1	116.6	117.5	118.5	121.7	*122.9	*126.6	*125.2
Instruments.....do	139.8	143.9	145.5	148.2	149.2	149.7	150.5	151.3	153.0	156.4	156.8	157.8	159.9	*160.0	*159.5	*160.2
BUSINESS SALES																
Mfg. and trade sales (unadj.), total \$.....mil. \$	5,090,127	5,421,451	492,797	420,740	448,											

Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS: 1986

Table with columns: Units, Annual (1986, 1987), 1987 (Dec, Jan, Feb, Mar, Apr, May), 1988 (June, July, Aug, Sept, Oct, Nov, Dec), 1989 (Jan)

GENERAL BUSINESS INDICATORS-Continued

Main data table with categories: BUSINESS INVENTORIES, BUSINESS INVENTORY SALES RATIOS, MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS. Rows include items like Mfg. and trade inventories, Manufacturing total, Shipments total, etc.

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued																
Shipments (seas. adj.)—Continued																
By market category:																
Home goods and apparel.....mil. \$	156,166	164,861	13,798	14,008	13,962	13,786	13,890	13,958	14,297	14,270	14,073	14,282	14,386	14,454	15,442	
Consumer staples.....do	488,621	461,025	89,178	89,970	89,749	40,507	41,266	41,474	41,588	41,765	42,823	42,458	42,969	43,253	43,268	
Equipment and defense products, exc. auto.....do	373,460	391,189	34,681	34,870	34,524	35,937	35,398	35,651	36,286	36,557	36,507	37,042	36,395	36,537	37,981	
Automotive equipment.....do	215,314	223,069	18,989	18,213	18,996	19,854	19,622	20,755	20,798	18,685	21,888	21,188	22,076	22,243	23,400	
Construction materials, supplies, and intermediate products.....do	178,779	192,664	16,851	16,876	16,795	16,983	16,976	16,958	17,125	16,646	16,963	17,045	17,113	17,529	18,061	
Other materials, supplies, and intermediate products.....do	897,977	957,237	84,000	82,951	82,906	85,311	85,884	86,981	88,842	88,775	89,461	89,384	89,978	90,616	91,938	
Supplementary series:																
Household durables.....do	71,399	75,807	6,342	6,565	6,509	6,416	6,484	6,567	6,292	6,424	6,571	6,638	6,671	6,949	7,081	
Capital goods industries.....do	427,068	445,633	38,797	39,151	38,776	39,906	39,542	40,045	40,548	40,675	41,449	41,363	41,026	41,172	42,487	
Nondefense.....do	820,302	836,190	29,491	30,274	30,179	30,693	31,001	31,688	31,822	32,012	32,414	32,528	32,596	32,512	32,338	
Defense.....do	106,766	109,443	9,806	8,577	8,597	9,313	8,541	8,377	8,721	8,663	9,035	8,880	8,481	8,660	10,099	
Inventories, end of year or month:																
Book value (non-LIFO basis), (unadjusted), total.....do																
Durable goods industries, total.....do	311,124	325,695	325,695	331,784	336,650	337,392	340,312	343,446	342,878	344,304	346,830	346,388	348,699	350,223	348,341	
Non-durable goods industries, total.....do	204,227	212,265	212,265	216,545	220,894	221,136	223,119	225,046	225,066	226,096	227,521	227,815	229,289	230,625	229,069	
Book value (non-LIFO basis), (seasonally adjusted), total.....do	106,397	113,430	113,430	115,239	116,256	116,256	117,193	117,900	117,632	118,208	119,309	118,578	119,416	119,598	119,272	
By industry group:																
Durable goods industries, total #.....do																
Stone, clay, and glass products.....do	208,313	216,598	216,598	218,507	219,913	220,523	221,405	222,948	224,000	225,467	226,600	228,214	229,735	231,766	233,666	
Primary metals.....do	7,118	7,216	7,216	7,236	7,217	7,169	7,220	7,297	7,198	7,276	7,293	7,389	7,551	7,464	7,496	
Blast furnaces, steel mills.....do	17,822	18,189	18,189	18,476	18,790	18,845	18,851	18,897	18,790	18,958	19,246	19,544	19,825	19,980	20,181	
Fabricated metal products.....do	8,325	8,590	8,590	8,867	9,004	9,046	9,103	9,067	9,029	9,206	9,351	9,551	9,677	9,763	10,038	
Machinery, except electrical.....do	21,661	22,684	22,684	22,992	23,142	22,900	23,129	23,111	22,831	22,928	23,266	23,496	23,430	23,478	23,656	
Electrical machinery.....do	42,054	41,935	41,935	42,206	42,441	42,346	43,018	43,497	43,942	44,391	45,123	45,797	45,992	46,172	46,728	
Transportation equipment.....do	38,405	39,396	39,396	39,585	39,642	39,422	39,526	39,440	39,438	39,495	39,358	39,791	40,010	40,746	40,686	
Motor vehicles and parts.....do	52,061	57,203	57,203	57,391	58,206	58,739	59,309	59,997	60,932	61,206	60,621	60,938	61,578	62,305	63,250	
Instruments and related products.....do	11,092	11,391	11,391	11,704	11,606	11,485	11,448	11,419	11,574	11,548	11,618	11,568	11,657	11,872	11,880	
By stage of fabrication:	12,550	12,669	12,669	12,704	12,786	12,802	12,907	13,109	13,127	13,275	13,455	13,518	13,578	13,798	14,095	
Materials and supplies.....do	60,218	61,255	61,255	61,753	61,830	62,552	62,541	63,105	63,522	64,138	64,998	65,253	65,324	65,298	65,212	
Work in process.....do	94,466	99,952	99,952	100,751	101,955	101,709	102,665	103,678	104,112	104,257	103,927	104,440	105,239	106,584	108,522	
Finished goods.....do	53,629	55,891	55,891	56,008	56,128	56,262	56,199	56,165	56,366	57,072	57,675	58,521	59,172	59,584	60,132	
Non-durable goods industries, total #.....do																
Food and kindred products.....do	107,869	114,534	114,534	114,867	115,503	116,172	116,531	117,126	117,963	118,321	119,198	119,571	119,677	119,837	120,331	
Tobacco products.....do	23,630	24,744	24,744	24,870	24,861	24,962	25,069	25,140	25,666	25,548	25,688	25,742	25,791	26,003	26,371	
Textile mill products.....do	5,621	5,586	5,586	5,632	5,606	5,638	5,669	5,613	5,703	5,784	5,848	5,763	5,810	5,710	5,597	
Paper and allied products.....do	7,127	7,458	7,458	7,637	7,495	7,484	7,552	7,588	7,571	7,742	7,737	7,745	7,620	7,648	7,606	
Chemicals and allied products.....do	10,369	11,242	11,242	11,326	11,393	11,316	11,391	11,390	11,436	11,530	11,647	11,775	11,835	11,939	12,090	
Petroleum and coal products.....do	24,400	25,061	25,061	25,459	25,765	25,922	25,633	25,742	25,954	26,154	26,544	26,882	27,060	27,235	27,500	
Rubber and plastics products.....do	9,216	9,951	9,951	9,694	9,693	9,987	10,055	10,154	10,024	9,839	9,518	9,336	9,092	8,757	8,790	
By stage of fabrication:	8,487	9,112	9,112	9,410	9,387	9,381	9,323	9,383	9,528	9,688	9,847	10,089	10,298	10,394	10,307	
Materials and supplies.....do	41,540	44,354	44,354	44,694	44,858	45,458	45,578	45,790	46,255	46,350	46,981	47,364	47,611	47,664	47,261	
Work in process.....do	17,360	18,752	18,752	18,759	18,610	18,891	19,061	19,075	19,050	19,218	19,163	19,110	19,172	19,071	19,232	
Finished goods.....do	48,969	51,428	51,428	51,414	52,035	51,823	51,892	52,261	52,658	52,753	53,104	53,097	52,994	53,102	53,833	
By market category:																
Home goods and apparel.....do	24,713	26,772	26,772	26,615	26,689	26,645	26,492	26,696	26,468	26,544	26,662	26,478	26,328	26,459	26,245	
Equip. and defense prod., exc. auto.....do	40,783	42,399	42,399	42,430	42,704	43,068	43,111	43,010	43,510	43,793	44,157	44,282	44,367	44,485	44,850	
Automotive equipment.....do	92,644	96,004	96,004	96,630	97,063	98,130	98,492	99,582	100,817	100,716	101,110	101,871	102,586	103,320	105,249	
Construction materials, supplies, and intermediate products.....do	18,561	14,013	14,013	14,327	14,201	14,088	14,062	14,068	14,309	14,414	14,411	14,415	14,533	14,717	14,692	
Other materials, supplies, and intermediate products.....do	23,027	24,222	24,222	24,754	24,844	24,618	24,758	24,857	24,762	25,202	25,142	25,184	25,392	25,303	25,324	
Supplementary series:																
Household durables.....do	12,465	12,843	12,843	12,888	12,924	12,801	12,599	12,650	12,609	12,653	12,620	12,614	12,600	12,712	12,715	
Capital goods industries.....do	105,627	110,648	110,648	111,273	112,012	112,971	113,689	114,388	116,012	116,243	116,653	117,620	118,529	119,513	121,164	
Nondefense.....do	74,365	77,139	77,139	77,617	78,153	79,026	79,620	80,143	80,684	81,444	82,582	82,781	83,119	84,167	85,799	
Defense.....do	30,762	33,504	33,504	33,656	33,859	33,945	34,069	34,695	35,328	34,799	34,071	34,839	35,410	35,351	35,365	
New orders, net (unadj.), total.....do	2,263,954	2,423,597	2,07,295	198,988	215,304	225,998	216,380	214,369	239,026	203,370	218,860	234,757	231,533	225,235	234,119	
Durable goods industries, total.....do	1,201,996	1,293,236	113,540	107,342	117,701	124,082	116,889	114,138	132,393	104,377	114,410	125,584	126,170	121,294	130,655	
Non-durable goods industries, total.....do	1,061,958	1,130,361	93,755	91,646	97,603	101,911	99,441	100,236	106,633	98,993	104,450	109,173	106,413	108,941	108,464	
New orders, net (seas. adj.), total.....do	2,263,954	2,423,597	209,564	210,202	211,283	211,799	217,029	216,398	228,090	219,877	227,009	222,669	227,095	228,153	237,595	
By industry group:																
Durable goods industries, total.....do																
Primary metals.....do	1,201,996	1,293,236	113,192	118,069	114,155	113,063	116,836	115,869	125,442	116,112	122,806	119,321	122,791	123,035	130,966	
Blast furnaces, steel mills.....do	105,943	122,590	12,592	10,813	11,074	11,568	11,200	12,348	12,271	12,103	11,794	12,496	12,425	12,624	13,245	
Nonferrous and other primary metals.....do	45,486	58,724	5,431	4,684	4,607	5,130	4,692	5,654	5,210	5,085	4,788	5,301	4,730	4,950	5,282	
Fabricated metal products.....do	50,210	59,129	6,322	5,371	5,613	5,546	5,658	5,771	6,178	6,156	6,097	6,221	6,795	6,820	7,046	
Machinery, except electrical.....do	137,908	136,494	11,683	10,669	11,918	11,775	11,640	12,038	11,958	11,471	11,638	12,007	12,026	12,411	12,884	
Electrical machinery.....do	208,112	221,041	19,594	19,997	19,315	20,097	21,051	20,969	22,018	21,408	22,851	21,459	21,181	21,443	21,140	
Transportation equipment.....do	198,172	212,442	18,753	19,188	18,082											

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics, 1986	Units	Annual		1987	1988												1989
		1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

GENERAL BUSINESS INDICATORS—Continued

MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS ++—Continued																
Unfilled orders, end of period (unadjusted), total.....mil. \$.	382,446	415,998	415,998	426,687	438,979	437,084	439,744	437,663	443,916	447,616	449,445	449,816	451,858	454,256	462,993	
Durable goods industries, total.....do.	366,819	396,563	396,563	406,577	413,551	416,412	419,242	417,326	423,560	426,544	428,461	428,987	431,551	434,209	442,823	
Nondurable goods industries with unfilled orders †.....do.	15,627	19,435	19,435	20,060	20,428	20,672	20,502	20,337	20,356	21,072	20,984	20,829	20,307	*20,047	20,168	
Unfilled orders, end of period (seasonally adjusted) total.....mil. \$.	387,065	421,243	421,243	425,162	429,513	429,584	433,527	434,148	443,357	446,536	451,330	453,103	457,281	*460,802	468,307	
By industry group:																
Durable goods industries, total #.....do.	370,700	400,720	400,720	404,664	408,990	409,309	418,624	414,242	423,162	426,152	431,092	432,382	436,734	*439,895	447,124	
Primary metals.....do.	18,259	23,896	23,896	23,854	24,143	24,224	24,170	24,942	25,012	25,448	25,252	25,414	25,473	*25,388	25,742	
Blast furnaces, steel mills.....do.	8,702	11,637	11,637	11,576	11,301	11,279	10,948	11,541	11,591	11,644	11,341	11,431	11,010	*10,754	10,816	
Nonferrous and other primary metals.....do.	7,701	10,265	10,265	10,276	10,807	10,872	11,136	11,293	11,295	11,626	11,707	11,757	12,219	*12,428	12,731	
Fabricated metal products.....do.	28,519	29,970	29,970	29,333	29,592	29,588	29,443	29,399	28,959	28,911	28,679	28,637	28,540	*28,354	28,390	
Machinery, except electrical.....do.	48,309	52,702	52,702	53,451	53,898	54,908	55,241	55,864	56,879	57,538	58,901	59,136	59,347	*59,896	59,677	
Electrical machinery.....do.	91,932	53,696	53,696	54,408	54,255	53,614	53,587	53,564	53,283	53,303	53,197	52,472	52,518	*52,529	52,862	
Transportation equipment.....do.	159,117	173,733	173,733	176,870	180,058	180,960	184,384	183,587	192,008	193,995	198,019	199,676	203,650	*205,091	211,348	
Aircraft, missiles, and parts.....do.	181,534	144,343	144,343	147,082	150,535	150,744	153,599	153,459	157,516	159,569	162,950	165,376	168,121	*169,763	173,958	
Nondurable goods industries with unfilled orders †.....do.	16,365	20,523	20,523	20,498	20,523	20,225	19,903	19,906	20,195	20,384	20,738	20,721	20,547	*20,907	21,183	
By market category:																
Home goods and apparel.....do.	7,518	9,075	9,075	8,996	9,352	8,725	8,630	8,237	8,287	8,024	8,121	8,295	8,173	*8,200	8,379	
Consumer staples.....do.	751	675	675	594	771	792	735	711	705	835	883	881	848	*863	843	
Equip. and defense prod., excl. auto.....do.	234,406	252,751	252,751	254,023	258,043	258,669	260,278	259,242	267,218	269,814	272,590	271,890	274,659	*278,513	285,787	
Automotive equipment.....do.	8,753	9,239	9,239	9,075	8,860	8,866	8,996	9,019	8,882	8,878	8,715	8,727	8,714	*8,732	8,882	
Construction materials, supplies, and intermediate products.....do.	15,276	15,060	15,060	15,144	15,155	15,498	15,316	15,475	15,435	15,494	15,450	15,527	15,545	*15,545	15,571	
Other materials, supplies, and intermediate products.....do.	120,361	134,443	134,443	137,380	137,332	136,984	139,584	141,623	142,790	143,550	143,027	147,360	149,360	*149,899	148,845	
Supplementary series:																
Household durables.....do.	6,171	6,480	6,480	6,368	6,636	6,103	6,080	5,856	5,886	5,720	5,817	5,965	5,884	*5,898	6,089	
Capital goods industries.....do.	281,046	301,674	301,674	305,613	309,136	309,219	313,294	312,986	321,730	324,263	329,659	330,635	334,927	*337,971	344,269	
Nondefense.....do.	119,587	139,814	139,814	143,407	147,047	148,378	151,123	150,977	154,613	158,814	165,208	167,543	169,571	*172,884	179,295	
Defense.....do.	161,459	161,860	161,860	162,206	162,089	160,841	162,171	162,009	167,117	165,449	164,451	163,092	165,356	*165,087	164,974	
BUSINESS INCORPORATIONS @																
New incorporations (50 States and Dist. Col.):																
Unadjusted.....number.	702,101	688,686	55,912	53,274	57,080	67,757	57,144	59,547	58,806	53,439	60,186	*58,993	54,521	49,220		
Seasonally adjusted.....do.			53,453	55,610	57,490	59,698	54,841	58,379	54,908	57,277	59,649	*56,126	56,557	53,675		
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total.....number.	61,601	61,235	4,441	5,005	5,062	5,851	5,118	4,957	4,702	4,511	4,984	4,599				
Commercial service.....do.	20,966	24,029	1,875	1,936	2,011	2,439	1,990	1,969	1,847	1,763	2,077	1,958				
Construction.....do.	7,110	6,724	438	523	575	666	614	570	574	560	556	563				
Manufacturing and mining.....do.	5,695	4,939	320	389	422	491	417	415	424	362	436	383				
Retail trade.....do.	13,623	12,185	913	1,006	1,043	1,104	1,024	1,008	929	908	983	905				
Wholesale trade.....do.	4,865	4,304	296	401	391	432	432	369	390	401	394	317				
Liabilities (current), total.....mil. \$.	43,284.7	33,024.5	5,516.2	3,894.1	4,625.5	3,292.0	3,065.6	2,316.5	2,453.4	4,565.0	2,248.1	3,533.0				
Commercial service.....do.	3,370.2	3,068.7	544.3	776.4	1,410.4	899.2	706.0	612.6	702.1	504.6	624.5	500.0				
Construction.....do.	1,732.7	2,278.6	107.6	94.2	177.6	350.0	87.7	113.6	235.9	140.8	201.1	107.7				
Manufacturing and mining.....do.	8,955.8	4,746.4	1,382.7	276.0	1,195.8	847.8	242.1	295.6	354.9	176.6	499.6	183.8				
Retail trade.....do.	2,718.0	3,713.7	1,531.7	162.8	162.6	279.0	237.0	197.9	177.9	1,637.3	178.0	151.5				
Wholesale trade.....do.	2,035.4	1,336.8	62.6	80.2	688.9	214.5	123.8	110.9	285.1	148.6	104.7	87.3				
Failure annual rate.....No. per 10,000 concerns.	120.0	102.0														

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS †																
Prices received, all farm products.....1910-14=100.	561	578	*579	*597	*593	593	*595	614	*631	*648	*659	*659	*654	*657	*663	673
Crops #.....do.	461	458	*481	*498	*473	*478	*485	*507	*557	*590	*588	*584	*577	*588	*590	593
Commercial vegetables.....do.	646	*718	*877	*1,037	*674	*707	*661	*576	*596	*622	*765	*723	*642	*726	*725	738
Cotton.....do.	462	*503	*545	*521	*481	*489	*506	*492	*524	*502	444	437	*458	*477	*467	458
Feed grains and hay.....do.	303	*268	*290	294	*308	*315	*329	*400	449	437	*492	430	421	*423	429	429
Food grains.....do.	300	*282	*314	*321	*333	*327	*330	343	*382	*396	404	*414	423	*429	*432	446
Fruit.....do.	*627	*669	*593	*571	*613	*604	*608	*730	*697	*718	*673	*691	*698	717	712	661
Tobacco.....do.	1,339	1,255	1,259	*1,241	*1,231	*1,227	*1,229	*1,229	*1,227	*1,230	*1,256	*1,368	*1,388	*1,410	*1,412	1,402
Livestock and products #.....do.	666	703	681	706	718	714	726	707	709	731	737	734	728	*739	756	
Dairy products.....do.	766	765	777	764	752	728	709	697	691	697	722	759	795	820	826	820
Meat animals.....do.	817	921	886	935	972	966	971	994	947	917	950	944	933	918	*939	973
Poultry and eggs.....do.	293	244	224	230	217	231	223	241	260	311	313	317	302	294	283	293
Prices paid:																
Production items.....do.	*857	*849		*879			*895			*922			*936			942
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100.	*1,098	*1,110		*1,135			*1,155			*1,180			*1,193			1,202
Parity ratio \$.....do.	51	52		53			52			55			55			56
CONSUMER PRICES ◇ (U.S. Department of Labor Indexes)																
Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS (CPI-W).....1982-84=100	108.6	112.5	114.2	114.5	114.7	115.1	115.7	116.2	116.7	117.2	117.7	118.5	118.9	119.0	119.2	119.7
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U).....1982-84=100	109.6	113.6	115.4	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5	121.1
Special group indexes:																
All items less shelter.....do.	108.0	111.6	113.2	113.3	113.5	114.0	114.7	115.2	115.7	116.1	116.5	117.5	117.9	118.0	118.1	118.7
All items less food.....do.	109.8	113.0	115.5	115.7	116.0	116.6	117.2	117.6	118.1	118.4	118.9	119.7	120.2	120.3	120.4	120.8
All items less medical care.....do.	108.8	112.0	114.3	114.6	114.8	115.3	115.9	116.3	116.8	117.2	117.8	118.6	118.9	119.0	119.1	119.7

See footnotes at end of tables.

Units	Annual		1988												1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
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..	104.4	107.7	109.3	109.2	109.1	109.8	110.7	111.1	111.1	111.5	111.9	113.0	113.5	113.5	113.5	113.9
Nondurables.....do.....	103.5	107.5	109.1	109.1	109.0	109.8	111.0	111.4	111.4	111.9	112.4	113.7	114.2	114.1	113.9	114.3
Nondurables less food.....do.....	98.5	101.8	103.7	102.8	102.7	104.1	105.6	106.0	105.5	105.4	105.9	107.7	108.3	108.2	107.5	107.1
Durables.....do.....	106.6	108.2	109.5	109.4	109.4	109.5	109.7	109.9	110.2	110.3	110.3	110.6	111.1	111.8	112.2	112.5
Commodities less food.....do.....	101.7	104.3	106.0	105.5	105.4	106.3	107.3	107.6	107.4	107.4	107.7	108.9	109.5	109.7	109.4	109.2
Services.....do.....	115.4	120.2	122.2	122.9	123.4	123.8	124.1	124.6	125.5	126.1	126.7	127.3	127.6	127.8	128.1	128.9
Food #.....do.....	109.0	113.5	114.7	115.7	115.7	115.9	116.6	117.0	117.6	118.8	119.4	120.2	120.3	120.2	120.7	122.2
Food at home.....do.....	107.3	111.9	112.3	114.1	113.9	113.9	114.6	115.1	115.8	117.3	118.1	119.0	119.0	118.7	119.1	121.2
Housing.....do.....	110.9	114.2	115.6	116.2	116.6	117.0	117.3	117.7	118.6	119.1	119.5	119.9	119.9	119.9	120.2	120.7
Shelter #.....do.....	115.8	121.3	123.7	124.6	125.0	125.6	125.8	126.2	126.6	127.4	128.2	128.4	128.8	129.1	129.3	129.8
Rent, residential.....do.....	118.3	123.1	125.6	126.0	126.3	126.4	126.6	126.9	127.3	127.8	128.4	129.1	129.4	129.8	130.1	130.5
Homeowners' cost.....12/82=100..	119.4	124.8	128.0	128.5	129.0	129.2	129.4	129.9	130.3	131.0	131.8	132.6	133.1	133.8	134.0	134.4
Fuel and utilities #.....1982-84=100..	104.1	103.0	102.0	102.4	102.8	102.7	102.8	103.5	105.9	106.0	106.1	106.4	105.4	104.3	105.0	106.0
Fuel oil, coal, and bottled gas.....do.....	77.6	77.9	80.5	80.8	80.9	80.5	80.2	80.0	79.1	76.9	76.3	75.9	74.6	75.0	76.8	80.5
Gas (piped) and electricity.....do.....	105.7	103.8	100.9	101.5	101.9	101.7	101.6	102.6	107.8	108.1	108.3	108.5	105.8	103.7	104.1	105.1
Household furnishings and operation.....do.....	105.2	107.1	107.3	107.5	107.7	108.3	109.1	109.3	109.6	109.8	109.7	110.1	110.3	110.6	110.6	110.9
Apparel and upkeep.....do.....	105.9	110.6	112.7	110.4	110.2	114.3	117.0	116.3	114.6	112.7	112.6	117.8	120.7	119.9	118.0	115.3
Transportation.....do.....	102.3	105.4	107.6	107.1	106.8	106.5	107.2	108.1	108.5	108.9	109.6	109.7	110.0	110.7	110.3	111.1
Private.....do.....	101.2	104.2	106.5	106.0	105.7	105.4	106.0	107.0	107.4	107.8	108.6	108.6	109.0	109.6	109.6	109.8
New cars.....do.....	110.6	114.6	116.6	116.2	116.2	116.0	115.9	116.3	116.5	116.5	116.3	116.8	117.7	118.7	119.1	119.5
Used cars.....do.....	108.8	113.1	116.3	116.0	116.0	116.1	116.6	117.0	117.6	117.9	119.2	119.4	119.9	119.7	120.2	120.5
Public.....do.....	117.0	121.1	122.1	121.8	120.8	121.4	122.4	122.4	123.2	123.7	123.7	124.0	124.2	125.3	126.5	127.5
Medical care.....do.....	122.0	130.1	133.1	134.4	135.5	136.3	136.9	137.5	138.2	139.3	139.9	140.4	141.2	141.8	142.3	143.8
Seasonally Adjusted ‡																
All items, percent change from previous month.....1982-84=100..			2	r.4	2	r.3	4	r.4	3	4	r.3	r.4	4	3	3	6
Commodities.....do.....			109.2	*109.5	*109.4	109.9	*110.5	111.0	111.3	*111.8	*112.1	*112.7	*113.0	*113.2	*113.4	114.2
Commodities less food.....do.....			*105.8	*106.0	*106.0	106.6	*107.1	107.7	*107.7	108.0	108.1	*108.6	*108.6	*109.0	*109.1	109.2
Food.....do.....			113.9	*115.7	*115.5	*116.0	*116.6	*117.1	*117.8	118.9	*119.5	*120.3	*120.6	120.8	121.2	122.1
Food at home.....do.....			*113.4	*113.8	*113.3	*113.8	*114.4	*115.0	*115.9	*117.2	*118.0	*119.0	*119.2	*119.3	*119.3	120.9
Apparel and upkeep.....do.....			*112.4	*112.7	*112.3	*114.1	*115.5	*116.3	*115.9	*115.7	*113.9	*116.0	*117.4	*117.4	*117.7	117.7
Transportation.....do.....			*107.2	*107.2	107.1	*107.2	107.5	108.2	108.4	*108.7	*109.6	*109.7	*110.1	*110.4	*110.4	111.2
Private.....do.....			*106.2	*106.2	106.1	106.2	*106.4	107.2	107.4	*107.7	*108.6	*108.7	*109.1	*109.3	*109.3	110.0
New cars.....do.....			115.7	*115.6	*115.9	*116.1	116.2	*116.5	116.6	*116.7	*117.0	*117.7	*117.8	*117.9	*118.1	118.9
Services.....do.....			122.6	123.2	123.7	*124.1	*124.5	125.0	*125.4	*125.8	*126.4	126.8	127.4	*128.0	*128.6	129.1
PRODUCER PRICES §																
<i>(U.S. Department of Labor Indexes)</i>																
Not Seasonally Adjusted																
All commodities.....1982=100..	100.2	102.8	104.2	104.6	104.8	104.9	105.8	106.5	107.2	107.9	108.0	108.1	108.2	108.3	109.0	110.3
By stage of processing:																
Crude materials for further processing.....do.....	87.7	93.7	94.4	93.7	94.7	94.1	95.6	97.2	97.9	97.3	96.9	*96.7	95.8	94.0	97.0	101.0
Intermediate materials, supplies, etc.....do.....	99.1	101.5	103.6	104.2	104.3	104.7	105.6	106.3	107.4	108.2	108.4	108.7	108.6	109.0	109.5	110.5
Finished goods #.....do.....	103.2	105.4	105.8	106.3	106.1	106.3	107.0	107.5	107.7	108.6	108.7	108.6	109.3	109.7	110.0	111.0
Finished consumer goods.....do.....	101.4	103.6	104.0	104.5	104.1	104.4	105.1	105.7	105.9	107.0	107.1	107.0	107.5	107.9	108.2	109.3
Capital equipment.....do.....	109.7	111.7	112.4	112.9	113.2	113.2	113.6	113.8	113.9	114.2	114.5	114.3	115.8	116.0	116.3	117.0
By durability of product:																
Durable goods.....do.....	107.5	109.9	112.0	112.8	113.0	113.3	113.8	114.1	114.4	114.8	115.1	115.2	116.2	116.7	117.1	117.9
Nondurable goods.....do.....	94.8	97.5	98.3	98.5	98.6	98.8	99.8	100.8	101.8	102.6	102.6	102.7	102.2	102.1	102.9	104.6
Total manufactures.....do.....	101.7	104.4	106.0	106.6	106.8	107.1	107.9	108.6	109.0	109.3	110.0	110.1	110.5	111.0	111.3	112.3
Durable manufactures.....do.....	107.5	109.6	111.4	112.2	112.4	112.6	113.2	113.5	113.7	114.1	114.4	114.5	115.5	116.0	116.3	117.0
Nondurable manufactures.....do.....	96.0	99.2	100.6	101.1	101.3	101.7	102.7	103.7	104.3	105.4	105.6	*105.6	105.5	106.0	106.3	107.6
Farm products, processed foods and feeds.....do.....	101.2	103.7	104.0	105.3	105.3	105.8	106.4	108.1	111.2	112.9	112.7	114.0	113.5	112.3	112.9	114.8
Farm products.....do.....	92.9	95.5	95.7	97.3	97.9	98.2	99.2	102.2	106.8	109.1	109.3	*111.6	110.3	107.4	108.6	111.4
Foods and feeds, processed.....do.....	105.4	107.9	108.2	109.3	109.1	109.6	110.1	111.2	111.5	114.5	*115.4	115.2	114.9	115.1	116.7	118.5
Industrial commodities.....do.....	100.0	102.6	104.2	104.4	104.6	104.7	105.6	106.1	106.4	106.8	107.0	*106.8	107.1	107.4	108.1	109.4
Chemicals and allied products.....do.....	102.6	106.4	109.1	110.6	111.6	112.7	113.8	114.6	115.3	117.4	118.2	119.1	120.1	121.1	121.7	123.2
Fuels and related prod., and power.....do.....	69.8	70.2	69.5	67.2	66.7	65.9	67.6	68.4	68.6	68.0	67.6	66.1	64.5	64.5	65.9	68.2
Furniture and household durables.....do.....	103.2	109.9	110.9	111.6	111.9	112.3	112.5	112.8	112.7	113.1	113.4	113.7	114.0	114.2	114.4	115.0
Hides, skins, and leather products.....do.....	113.0	120.4	125.7	128.4	129.1	132.6	134.2	134.6	131.2	130.1	131.6	*132.5	132.0	130.7	130.4	131.0
Lumber and wood products.....do.....	107.2	112.8	117.1	117.8	118.4	118.9	119.2	119.1	119.3	120.0	118.8	*118.9	118.8	118.8	118.9	119.8
Machinery and equipment.....do.....	108.8	110.4	111.3	111.9	112.2	112.3	112.5	112.9	112.9	113.2	113.6	*113.9	114.1	114.5	114.8	115.6
Metals and metal products.....do.....	103.2	107.1	112.9	114.4	114.7	115.4	116.9	117.4	118.0	119.2	119.8	*120.2	121.3	122.7	123.8	124.7
Nonmetallic mineral products.....do.....	110.0	110.0	110.4	110.8	110.9	110.9	111.0	111.2	111.3	111.1	111.1	111.3	111.5	111.6	111.7	111.7
Pulp, paper, and allied products.....do.....	115.1	121.3	124.2	126.6	127.3	128.0	128.9	129.6	130.0	131.0	131.3	132.1	132.9	133.1	133.4	134.8
Rubber and plastics products.....do.....	101.9	103.0	105.5	106.2	106.9	107.7	108.2	108.8	109.1	109.8	110.6	*111.0	111.4	111.4	111.4	112.0
Textile products and apparel.....do.....	103.2	105.1	107.0	107.6	108.1	108.4	108.7	108.9	109.3	109.5	109.6	*109.8	109.9	110.2	110.5	111.0
Transportation equip. #.....do.....	110.5	112.5	1													

Units	Annual		1987		1988										1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE @																
New construction (unadjusted), total.....mil. \$..	386,093	398,850	31,579	26,307	25,776	29,132	30,977	34,266	36,206	37,431	38,874	38,388	*37,837	*35,823	32,354	.....
Private, total #.....do.....	314,652	323,820	26,118	21,852	21,382	23,950	25,248	27,560	28,730	29,647	30,788	30,066	*30,328	*29,062	26,490	.....
Residential.....do.....	187,148	194,772	14,531	12,669	12,023	13,957	15,059	16,521	17,568	18,644	19,108	18,623	*18,551	*17,573	14,886	.....
New housing units.....do.....	183,192	189,915	10,540	9,470	8,788	10,253	10,889	11,776	12,560	12,967	13,201	13,154	*12,974	*12,545	10,555	.....
Nonresidential buildings, except farm and public utilities, total #.....mil. \$..	91,171	91,994	7,952	6,766	6,813	7,205	7,484	8,051	8,034	7,827	8,310	8,196	8,356	*8,171	8,150	.....
Industrial.....do.....	13,747	13,707	1,274	1,003	993	1,053	1,069	1,168	1,152	1,163	1,222	1,218	1,417	*1,426	1,372	.....
Commercial.....do.....	58,761	55,445	4,598	3,956	4,012	4,233	4,523	4,891	4,840	4,756	5,104	5,085	4,899	*4,726	4,764	.....
Public utilities:																.....
Telephone and telegraph.....do.....	8,445	8,530	838	505	602	672	542	663	680	693	807	782	725	773	.....	.....
Public, total #.....do.....	71,441	75,030	5,461	4,454	4,394	5,181	5,730	6,706	7,476	7,784	8,086	8,323	*7,509	*6,760	5,864	.....
Buildings (excl. military) #.....do.....	23,456	25,158	2,034	1,787	1,799	2,049	2,103	2,291	2,516	2,447	2,700	2,685	2,342	*2,255	2,132	.....
Housing and redevelopment.....do.....	1,456	1,519	128	122	101	130	123	124	133	129	120	138	138	*152	130	.....
Industrial.....do.....	1,657	1,457	110	106	104	117	116	108	129	117	132	172	119	118	105	.....
Military facilities.....do.....	3,867	4,324	407	348	273	351	323	296	404	363	332	408	*305	*328	346	.....
Highways and streets.....do.....	22,682	22,757	1,361	1,001	991	1,283	1,677	2,288	2,737	3,046	3,048	2,887	2,903	*2,227	1,689	.....
New construction (seasonally adjusted at annual rates), total.....bil. \$..			410.9	395.3	392.5	403.6	396.2	398.5	395.7	404.2	403.2	406.9	*408.2	*412.4	422.7	.....
Private, total #.....do.....			331.6	321.6	317.3	324.3	318.5	320.2	317.7	324.7	326.8	327.2	*330.3	*331.9	335.9	.....
Residential.....do.....			195.8	195.2	192.1	195.6	192.0	190.4	188.1	194.2	195.4	196.9	*199.6	*200.3	200.9	.....
New housing units.....do.....			142.8	140.8	138.0	139.2	138.5	137.7	136.8	136.4	137.1	138.7	*140.4	*142.6	143.4	.....
Nonresidential buildings, except farm and public utilities, total #.....bil. \$..			95.2	91.1	90.5	93.7	93.2	94.9	94.2	93.3	93.3	91.7	*93.2	*93.2	96.4	.....
Industrial.....do.....			14.1	13.5	13.5	14.5	13.8	13.9	13.7	13.9	14.0	13.5	*15.2	*16.0	15.1	.....
Commercial.....do.....			55.8	53.6	53.6	54.8	56.2	57.4	56.6	56.7	56.4	55.8	*54.7	*53.9	57.4	.....
Public utilities:																.....
Telephone and telegraph.....do.....			9.9	8.0	8.3	8.0	6.7	7.7	7.5	8.3	8.5	8.7	*8.2	8.7	.....	.....
Public, total #.....do.....			79.2	73.7	74.7	79.3	77.7	78.3	78.0	79.5	76.4	79.7	77.9	*80.5	86.8	.....
Buildings (excl. military) #.....do.....			26.5	24.4	25.3	26.3	26.4	27.5	28.1	27.0	28.3	28.8	*26.7	*27.2	27.8	.....
Housing and redevelopment.....do.....			1.5	1.5	1.2	1.6	1.5	1.6	1.5	1.6	1.5	1.4	1.7	1.7	1.6	.....
Industrial.....do.....			1.3	1.3	1.2	1.4	1.4	1.3	1.5	1.4	1.6	2.1	1.4	1.4	1.3	.....
Military facilities.....do.....			4.9	4.2	3.3	4.2	3.9	3.5	4.8	4.4	4.0	4.9	*3.7	3.9	4.1	.....
Highways and streets.....do.....			25.3	24.8	25.3	27.0	26.9	25.3	24.8	27.7	23.5	23.8	*26.0	*26.7	32.0	.....
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total.....mil. \$..	248,588	*258,090	19,224	*15,113	16,247	21,708	20,510	23,013	25,461	21,379	23,142	21,174	20,313	18,601	18,027	15,776
Index (mo. data seas. adj.).....1982=100..	158	*164	166	154	163	156	158	166	169	160	162	157	164	158	163	155
Public ownership.....mil. \$..	59,862	*66,318	4,742	*3,867	4,223	5,562	5,311	6,468	7,756	5,592	5,496	5,659	5,370	4,257	4,468	3,723
Private ownership.....do.....	188,726	*191,772	14,482	*11,245	12,024	16,145	15,199	16,545	17,705	15,788	17,645	15,515	14,943	14,345	13,558	12,053
By type of building:																
Nonresidential.....do.....	83,721	*91,041	7,160	*5,840	5,386	6,957	6,438	6,826	8,567	7,595	8,391	7,524	6,939	6,592	5,888	6,081
Residential.....do.....	122,896	*121,128	8,716	*6,739	7,846	10,288	10,326	11,004	11,888	9,912	11,119	10,117	9,996	9,450	8,897	7,515
Non-building construction.....do.....	41,972	*45,921	3,348	*2,584	3,016	3,852	3,746	5,182	5,006	3,872	3,632	3,533	3,378	2,560	3,242	2,181
New construction planning (Engineering News-Record) \$.....do.....	288,568	267,823	25,375	28,423	28,172	31,547	21,094	23,321	20,096	19,566	21,883	20,405	23,176	25,114	20,652	.....
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public).....thous..	1,807.1	1,622.7	85.4	73.2	90.3	129.0	153.4	140.3	150.3	137.2	136.3	131.4	135.2	*113.2	.....	.....
Privately owned.....do.....	1,805.4	1,620.5	85.4	73.2	90.2	128.8	153.2	140.2	150.2	137.0	136.3	131.1	135.1	*113.0	*93.9	99.7
One-family structures.....do.....	1,179.4	1,146.4	61.2	55.8	64.0	99.9	106.1	104.0	113.6	100.3	101.4	91.7	97.7	*81.2	*64.3	69.4
Seasonally adjusted at annual rates: ◊																
Total privately owned.....do.....			*1,391	*1,391	*1,511	*1,528	*1,576	*1,392	*1,463	*1,478	*1,459	*1,463	*1,532	*1,567	*1,568	1,693
One-family structures.....do.....			*1,036	*1,021	*1,095	*1,169	*1,087	*1,001	*1,088	*1,067	*1,076	*1,039	1,136	*1,138	*1,123	1,203
New private housing units authorized by building permits (17,000 permit-issuing places):																
Monthly data are seas. adj. at annual rates:																
Total.....thous..	1,769	1,585	1,372	1,248	1,429	1,476	1,449	1,436	1,493	1,420	1,464	1,394	1,516	1,516	*1,566	1,523
One-family structures.....do.....	1,073	1,024	937	918	1,003	1,030	960	982	1,002	984	1,022	974	1,027	1,046	*1,082	1,076
Manufacturers' shipments of mobile homes:																
Unadjusted.....thous..	244.3	232.8	14.3	13.0	15.2	18.8	18.3	20.0	21.7	16.7	21.9	20.6	19.8	17.6	14.2	.....
Seasonally adjusted at annual rates.....do.....			*220	200	*212	*213	*215	*221	*227	*207	223	*224	*216	*227	225	.....
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite \$.....1982=100..	111.8	114.3	114.3	114.9	115.7	116.1	115.1	115.4	115.4	116.2	116.2	116.4	116.6	116.6	116.9	.....
Boeckh indexes:																
Average, 20 cities:																
Apartments, hotels, office buildings.....1982=100..	114.9	117.3	.....	118.5	.....	119.6	.....	120.0	.....	120.6	.....	121.1	.....	121.5	.....	.....
Commercial and factory buildings.....do.....	113.2	115.1	.....	116.2	.....	117.7	.....	118.3	.....	118.9	.....	119.0	.....	119.6	.....	.....
Residences.....do.....	117.3	119.7	.....	120.1	.....	121.8	.....	123.3	.....	123.9	.....	123.1	.....	123.7	.....	.....
Engineering News-Record:																
Building.....1967=100..	367.3	375.6	383.2	*381.0	*381.3	*382.7	*383.5	*383.6	384.0	384.6	386.5	386.6	386.6	387.2	387.3	*387.7
Construction.....do.....	399.5	410.2	416.9	*415.8	*416.1	*417.2	418.0	418.3	421.3	421.9	422.3	422.2	424.1	425.2	425.2	*425.8
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.).....1977=100..	171.6	172.0	172.8	.....	.....	201.8	.....	.....	.....	.....	.....	193.5	.....	.....	.....	184.1

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics, 1986

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CONSTRUCTION AND REAL ESTATE—Continued																
REAL ESTATE ◇																
Mortgage applications for new home construction:																
FHA applications.....thous. units.....	325.5	165.3	6.5	7.4	8.3	10.8	9.6	10.5	9.5	8.1	9.4	8.3	8.5	7.3	7.2	6.4
Seasonally adjusted annual rates.....do.....			95	108	101	103	102	112	109	104	102	96	120	104	104	86
Requests for VA appraisals.....do.....	244.6	193.4	9.6	10.5	13.5	15.6	12.5	19.9	*15.2	13.7	*14.5	*9.4	*8.3	9.1	7.7	
Seasonally adjusted annual rates.....do.....			190	194	163	154	140	216	*162	167	*153	*116	*109	201	190	
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount.....mil. \$.....	57,108.02	81,880.51	3,986.85	4,452.92	3,350.77	2,926.84	2,508.44	3,545.40	3,006.04	4,383.24	4,069.62	3,654.99	4,642.41	2,535.11	3,501.38	4,628.42
Vet. Adm.: Face amount.....do.....	24,721.62	33,322.54	1,511.22	1,143.23	1,508.09	1,381.52	1,038.50	1,163.94	1,209.49	1,287.15	1,451.05	1,504.53	1,388.99	1,384.34	1,368.01	
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$.....	108,645	133,054	133,054	130,911	129,582	129,503	130,238	132,118	134,832	135,759	137,953	141,562	142,260	145,771	152,777	154,014
New mortgage loans of FSLIC-insured institutions, estimated total @.....mil. \$.....	265,513	253,407	21,524	13,077	13,664	18,378	19,078	*21,236	*25,567	*21,682	*24,655	*23,324	*19,698	*13,304	22,079	
By purpose of loan:																
Home construction.....do.....	28,325	28,410	2,459	1,546	1,763	2,569	2,614	2,613	2,893	2,465	*2,832	2,860	2,492	*2,256	2,672	
Home purchase.....do.....	195,513	190,743	14,543	9,372	9,435	12,820	13,791	15,935	*13,984	16,474	*18,812	*17,140	*14,760	*13,639	16,061	
All other purposes.....do.....	41,169	34,247	4,522	2,159	2,466	2,983	2,674	*2,638	3,689	2,743	3,013	*3,325	*2,505	*2,408	3,346	

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. \$.....	26,989	29,412	2,507		7,072			7,982				7,628				
Classified.....do.....	9,303	10,691	717		2,745			3,168				3,014				
National.....do.....	3,376	3,494	240		879			920				867				
Retail.....do.....	14,311	15,227	1,549		3,448			3,896				3,741				
WHOLESALE TRADE †																
Merchant wholesalers sales (unadj.), total.....mil. \$.....	1,392,313	1,520,827	132,747	118,752	124,987	142,148	131,787	136,044	141,242	130,726	142,673	140,996	145,332	*142,234	140,906	
Durable goods establishments.....do.....	681,177	739,277	62,725	54,944	59,327	69,184	66,373	67,242	70,060	64,030	69,460	70,060	72,339	*70,364	69,334	
Nondurable goods establishments.....do.....	711,136	781,550	70,022	63,808	65,660	72,964	65,409	68,802	71,182	66,696	73,213	70,936	72,993	*71,870	71,572	
Merchant wholesalers inventories, book value (non-LIFO basis), end of period (unadj.), total.....mil. \$.....	153,571	165,319	165,319	163,733	171,742	173,184	174,543	171,978	174,346	175,528	175,692	178,837	181,949	*181,123	181,940	
Durable goods establishments.....do.....	100,212	107,257	107,257	109,662	112,920	113,888	115,597	114,132	113,721	115,596	115,639	117,755	117,824	*116,892	116,715	
Nondurable goods establishments.....do.....	53,359	58,062	58,062	59,121	59,822	59,296	58,946	57,846	60,625	59,932	60,053	61,082	64,125	*64,231	65,225	
RETAIL TRADE †																
All retail stores:																
Estimated sales (unadj.), total.....mil. \$.....	1,437,497	1,510,579	157,189	113,639	115,101	131,589	130,884	135,959	137,472	134,098	138,863	131,646	134,575	*139,085	*169,703	*121,217
Durable goods stores #.....do.....	588,618	559,105	53,526	41,293	44,126	51,327	51,170	53,467	55,343	51,451	53,505	49,463	49,542	*50,240	*57,993	*44,717
Building materials, hardware, garden supply, and mobile home dealers.....mil. \$.....	75,842	73,005	6,215	4,352	5,214	6,590	7,398	8,119	8,018	7,457	7,731	7,431	7,482	*7,013	*6,926	*5,742
Automotive dealers.....do.....	320,336	326,350	25,618	24,942	27,422	32,144	31,240	32,342	33,685	30,915	31,991	28,822	28,746	*27,856	*27,465	*26,375
Furniture, home furnishings, and equipment.....do.....	80,347	84,143	9,729	6,577	6,457	7,208	7,106	7,269	7,681	7,451	7,781	7,475	7,651	*8,558	*10,951	*7,041
Nondurable goods stores.....do.....	898,879	951,474	108,663	72,346	70,975	80,262	79,714	82,492	82,129	82,647	85,358	82,183	85,033	*88,345	*111,710	*76,500
General merch. group stores.....do.....	165,074	175,385	28,132	19,318	10,662	13,743	13,814	14,707	14,339	13,310	14,736	13,936	15,351	*15,730	*29,911	*10,833
Food stores.....do.....	301,782	314,287	28,237	25,682	24,633	26,363	26,762	27,620	27,366	28,340	28,409	27,306	27,339	*27,755	*31,017	*26,930
Gasoline service stations.....do.....	97,277	103,154	8,317	8,316	8,013	8,708	8,317	9,248	9,294	9,469	9,751	9,087	9,224	*8,845	*9,136	*8,707
Apparel and accessory stores.....do.....	74,765	79,069	11,112	5,103	4,952	6,640	6,449	6,516	6,293	6,190	7,149	6,847	7,122	*7,915	*12,253	*5,391
Eating and drinking places.....do.....	135,303	147,645	12,574	11,518	11,347	12,537	12,874	13,279	13,570	14,092	14,268	13,415	13,664	*12,936	*13,892	*12,711
Drug and proprietary stores.....do.....	51,631	56,000	6,342	4,619	4,642	4,987	4,850	4,960	4,904	4,759	4,934	4,808	4,899	*4,988	*6,657	*4,906
Liquor stores.....do.....	19,635	19,506	2,314	1,443	1,343	1,462	1,529	1,598	1,629	1,690	1,587	1,516	1,512	*1,579	2,236	
Estimated sales (seas. adj.), total.....do.....			*128,691	*128,940	130,121	132,259	131,717	132,833	133,617	134,342	134,759	134,341	136,560	*138,292	*138,153	*138,913
Durable goods stores #.....do.....			*47,965	*48,779	49,708	50,480	50,419	50,418	50,709	50,754	50,257	49,797	51,198	*52,307	*52,373	*52,441
Bldg. materials, hardware, garden supply, and mobile home dealers#.....mil. \$.....			*6,593	*6,527	6,317	6,987	7,057	7,087	6,983	6,904	6,952	7,023	7,264	*7,264	*7,412	*7,516
Building materials and supply stores.....do.....			*4,855	*4,328	5,045	5,188	5,259	5,329	5,264	5,182	5,203	5,243	5,253	*5,485	5,611	
Hardware stores.....do.....			*1,218	*1,150	1,196	1,240	1,285	1,268	1,280	1,282	1,271	1,326	1,306	*1,310	1,294	
Automotive dealers.....do.....			28,248	*29,036	29,523	29,895	29,569	29,488	29,623	29,890	29,388	28,973	30,298	*30,820	*30,684	*30,404
Motor vehicle and miscellaneous auto dealers.....do.....			25,905	*26,621	27,033	27,401	27,112	27,022	27,087	27,440	26,899	26,520	27,378	*28,430	*28,278	*27,969
Auto and home supply stores.....do.....			2,343	*2,415	2,485	2,494	2,457	2,466	2,536	2,450	2,489	2,453	2,420	*2,390	2,406	
Furniture, home furnishings, and equipment #.....do.....			*6,954	*7,243	7,348	7,513	7,655	7,720	7,853	7,672	7,684	7,657	7,748	*7,879	*7,791	*7,823
Furniture, home furnishings stores.....do.....			*3,592	*3,769	3,797	3,892	3,941	3,935	3,992	3,933	3,885	3,911	4,023	*4,070	4,068	
Household appliance, radio, and TV stores.....do.....			*2,887	*2,989	3,071	3,155	3,224	3,278	3,337	3,206	3,261	3,222	3,186	*3,289	3,130	

See footnotes at end of tables.

Units	Annual		1987		1988											1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

DOMESTIC TRADE—Continued

RETAIL TRADE †—Continued																
All retail stores—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores.....mil. \$.			'80,726	'80,161	80,413	81,779	81,298	82,415	82,908	83,588	84,502	84,544	85,362	'85,985	'85,775	'86,472
General merch. group stores.....do			'14,980	'14,914	14,650	14,911	14,787	14,952	15,129	15,126	15,118	15,211	15,620	'15,713	'15,722	'15,997
Department stores excluding leased departments.....do			'12,541	'12,490	12,252	12,468	12,399	12,512	12,685	12,682	12,667	12,801	13,160	'13,214	'13,229	'13,405
Variety stores.....do			'712	'688	693	691	670	670	684	724	711	703	734	'734	'724	
Food stores.....do			'26,398	'26,612	26,612	27,086	26,869	27,451	27,423	27,656	28,094	27,974	28,108	'28,392	'28,129	'28,414
Grocery stores.....do			24,880	24,697	25,072	25,507	25,309	25,838	25,780	25,990	26,473	26,354	26,505	'26,775	'26,536	'26,864
Gasoline service stations.....do			'8,747	'8,800	8,715	8,996	8,879	8,979	8,962	8,950	9,173	9,042	9,124	'9,007	'9,100	'9,194
Apparel and accessory stores #.....do			'6,700	'6,528	6,537	6,689	6,621	6,737	6,782	6,925	6,952	7,085	7,174	'7,161	'7,232	'7,150
Men's and boys' clothing and furnishings stores.....do			'775	'780	767	768	751	742	755	771	758	774	783	'740	'759	
Women's clothing, specialty stores, and furriers.....do			'2,594	'2,591	2,606	2,605	2,624	2,678	2,680	2,684	2,681	2,720	2,743	'2,799	'2,798	
Shoe stores.....do			'1,268	'1,180	1,163	1,227	1,200	1,226	1,200	1,283	1,281	1,281	1,271	'1,275	'1,328	
Eating and drinking places.....do			'12,727	'12,506	12,636	12,664	12,659	12,744	12,899	13,060	13,236	13,375	13,489	'13,674	'13,823	'13,983
Drug and proprietary stores.....do			'4,772	'4,837	4,891	4,977	4,985	5,000	4,974	4,962	5,019	5,066	5,071	'5,128	'4,987	'5,132
Liquor stores.....do			'1,636	'1,596	1,578	1,586	1,616	1,634	1,626	1,606	1,655	1,561	1,544	'1,573	'1,581	
Estimated inventories, end of period:																
Book value (non-LIFO basis), (unadjusted), total.....mil. \$.																
Durable goods stores #.....do	180,530	205,138	205,138	202,712	206,349	211,109	212,578	212,104	212,756	212,044	213,321	220,030	230,080	234,710		
Bldg. materials, hardware, garden supply, and mobile home dealers.....do	89,850	106,689	106,689	105,297	106,051	107,493	108,039	108,992	109,423	107,070	105,294	108,330	112,538	116,085		
Automotive dealers.....do	13,339	14,503	14,503	14,834	15,375	16,030	15,975	15,755	15,731	15,465	15,383	15,195	15,066	15,116		
Furniture, home furnishings, and equipment.....do	45,529	57,740	57,740	56,313	56,408	56,236	56,034	56,636	57,169	54,651	51,724	53,490	56,004	58,985		
Nondurable goods stores #.....do	15,199	16,881	16,881	16,598	16,537	17,283	17,655	17,730	17,828	17,679	18,271	19,208	19,898	20,023		
General merch. group stores.....do	90,680	98,449	98,449	97,415	100,298	103,616	104,539	103,112	103,333	104,974	103,027	111,700	117,552	118,623		
Department stores excluding leased departments.....do	31,280	33,401	33,401	33,361	35,191	37,053	37,956	37,034	36,804	36,686	37,393	39,334	43,591	43,932		
Food stores.....do	24,559	26,032	26,032	26,156	27,581	28,982	29,857	29,134	28,756	28,244	29,248	30,800	34,165	34,893		
Apparel and accessory stores.....do	20,044	20,581	20,581	20,420	20,482	20,904	20,738	20,796	21,084	21,134	21,303	21,447	22,066	22,515		
Book value (non-LIFO basis), (seas. adj.), total.....do	14,625	17,471	17,471	16,933	17,997	18,739	18,727	18,728	18,443	19,409	20,343	21,006	21,978	21,967		
Durable goods stores #.....do	185,996	211,100	211,100	209,824	208,698	208,822	209,550	211,889	213,952	214,795	218,888	222,198	220,127	221,732		
Bldg. materials, hardware, garden supply, and mobile home dealers.....do	91,085	107,948	107,948	106,377	104,479	103,631	104,349	106,551	107,607	108,020	111,078	114,750	112,525	113,513		
Automotive dealers.....do	13,997	15,234	15,234	15,356	15,499	15,609	15,435	15,222	15,423	15,297	15,322	15,318	15,249	15,488		
Furniture, home furn., and equip.....do	45,267	57,312	57,312	55,500	53,307	51,905	52,575	54,396	55,116	55,253	57,598	60,762	58,774	59,296		
Nondurable goods stores #.....do	15,260	16,932	16,932	17,006	17,101	17,618	17,797	17,891	17,972	18,040	18,400	18,924	18,749	18,733		
General merch. group stores.....do	94,911	103,152	103,152	103,447	104,219	105,191	105,201	105,338	106,345	106,775	107,310	107,448	107,602	108,219		
Department stores excluding leased departments.....do	34,405	36,742	36,742	37,145	37,500	37,976	37,905	37,902	38,351	37,595	37,666	37,607	38,068	38,354		
Food stores.....do	26,870	28,481	28,481	29,192	29,404	29,664	29,649	29,638	29,985	29,178	29,248	29,250	29,338	30,185		
Apparel and accessory stores.....do	19,303	20,334	20,334	20,467	20,665	20,951	20,957	21,015	21,165	21,398	21,737	21,563	21,538	21,590		
Firms with 11 or more stores:																
Estimated sales (unadj.), total.....mil. \$.	584,148	569,081	70,298	41,161	40,583	47,574	47,340	48,818	48,629	47,931	49,907	48,243	50,371	54,738		
Durable goods stores.....do	59,789	67,665	9,494	4,661	4,674	5,568	5,809	6,051	6,208	6,014	6,116	5,958	6,128	6,650		
Auto and home supply stores.....do	6,744	7,185	618	513	489	628	641	651	670	652	673	634	670	640		
Nondurable goods stores #.....do	474,359	501,496	60,744	36,510	35,909	42,011	41,531	42,767	42,426	41,917	43,791	42,285	44,243	48,088		
General merchandise group stores.....do	163,110	162,289	26,264	9,510	9,345	12,722	12,735	13,610	13,303	12,280	13,746	12,989	14,274	17,547		
Food stores.....do	171,121	179,635	16,580	15,064	14,257	15,559	15,413	15,518	15,735	16,223	15,789	15,819	15,742	16,783		
Grocery stores.....do	168,343	176,918	16,199	14,862	14,042	15,334	15,182	15,302	15,521	16,009	15,575	15,409	15,535	16,482		
Apparel and accessory stores.....do	39,002	42,405	6,277	2,537	2,506	3,613	3,417	3,487	3,365	3,272	3,374	3,641	3,764	4,304		
Eating places.....do	34,976	37,486	3,106	2,918	2,891	3,159	3,217	3,258	3,294	3,455	3,479	3,281	3,377	3,186		
Drug stores and proprietary stores.....do	30,080	32,868	4,037	2,724	2,696	2,980	2,805	2,907	2,853	2,747	2,858	2,772	2,807	2,921		
Estimated sales (seas. adj.), total #.....do	48,404	48,504	48,288	48,895	48,881	49,207	49,626	49,207	49,626	49,207	50,020	50,295	51,065	51,065		
Auto and home supply stores.....do	588	614	614	634	624	631	631	635	625	631	625	630	630	608		
Department stores excluding leased departments.....do	12,182	12,128	11,353	12,075	11,951	12,083	12,259	12,275	12,233	12,374	12,379	12,739	12,786			
Variety stores.....do	569	544	532	545	519	521	521	519	521	519	523	576	595	584		
Grocery stores.....do	14,902	14,922	15,050	15,182	15,167	15,348	15,428	15,488	15,669	15,633	15,740	15,745	16,013	16,013		
Apparel and accessory stores, and furriers.....do	3,558	3,581	3,492	3,579	3,566	3,668	3,668	3,735	3,681	3,735	3,681	3,739	3,837	3,820		
Shoe stores.....do	1,414	1,420	1,402	1,390	1,400	1,431	1,447	1,441	1,441	1,425	1,450	1,484	1,500	1,495		
Drug stores and proprietary stores.....do	751	720	712	774	751	790	779	820	803	814	804	804	793	793		
			2,769	2,904	2,911	2,945	2,937	2,951	2,920	2,938	2,943	2,958	2,974	3,018		

LABOR FORCE, EMPLOYMENT, AND EARNINGS

LABOR FORCE AND POPULATION																
Not Seasonally Adjusted																
Noninstitutional population, persons 16 years of age and over.....thous.																
Labor force @.....do	182,293	184,490	185,370	185,571	185,705	185,847	185,964	186,088	186,247	186,402	186,522	186,666	186,801	186,949	187,098	187,240
Resident Armed Forces.....do	119,540	121,602	121,956	121,491	121,673	121,693	121,996	122,489	124,713	125,561	125,083	123,546	124,119	124,344	123,816	123,791
Civilian noninstitutional population.....do	1,706	1,737	1,750	1,749	1,738	1,736	1,732	1,714	1,685	1,673	1,692	1,704	1,687	1,705	1,696	1,696
Civilian labor force, total.....do	180,587	182,753	183,620	183,822	183,969	184,111	184,232	184,374	184,562	184,729	184,880	184,962	185,114	185,244	185,402	185,644
Employed.....do	117,334	119,365	120,206	119,742	119,942	119,957	120,264	120,775	123,023	123,888	123,996	121,842	122,432	122,689	122,120	122,095
Unemployed.....do	109,597	112,440	113,679	112,198	112,460	112,867	113,905	114,222	116,209	117,066	116,787	115,474	116,260	116,314	115,978	114,786
	8,237	7,425	6,226	7,608	7,482	7,090	6,359	6,563	6,919	6,823	6,659	6,368	6,182	6,325	6,142	7,309
Seasonally Adjusted ◊																
Civilian labor force, total.....do			120,701	121,035	121,165	120,986	121,828</									

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics, 1986

Table with columns for Units, Annual (1986, 1987), 1987 (Dec.), 1988 (Jan., Feb., Mar., Apr., May, June, July, Aug., Sept., Oct., Nov., Dec.), and 1989 (Jan.).

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Main data table containing rows for Labor Force (Seasonally Adjusted), Civilian labor force, Unemployed, Rates, Industry of last job, Occupation, EMPLOYMENT \$, and Production or nonsupervisory workers on private nonagric. payrolls. Includes various sub-categories like Manufacturing, Goods-producing, and Services.

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986

Units	Annual		1987		1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
EMPLOYMENT §—Continued																	
Seasonally Adjusted																	
Production or nonsupervisory workers—Continued																	
Nondurable goods.....	thous.	5,450	5,543	5,625	5,643	5,650	5,659	5,648	5,653	5,665	5,662	5,647	5,643	5,679	*5,700	*5,698	*5,726
Food and kindred products.....	do	1,181	1,149	1,161	1,169	1,172	1,168	1,169	1,164	1,168	1,153	1,151	1,153	1,174	1,181	*1,172	*1,185
Tobacco manufactures.....	do	44	41	41	42	41	41	40	39	40	39	38	37	85	40	*38	*38
Textile mill products.....	do	608	629	636	636	636	634	632	632	630	632	622	626	626	626	*627	*629
Apparel and other textile products.....	do	927	924	930	929	928	930	926	925	923	922	916	915	916	922	924	*927
Paper and allied products.....	do	511	516	519	520	521	521	520	521	523	524	524	520	521	522	*522	*524
Printing and publishing.....	do	817	842	858	868	867	870	871	872	875	876	879	880	883	885	*888	*891
Chemicals and allied products.....	do	568	576	589	589	589	592	593	596	599	600	603	601	608	*608	*608	*608
Petroleum and coal products.....	do	106	108	109	109	108	107	107	108	108	108	109	109	110	110	*110	*108
Rubber and plastics products, nec.....	do	615	639	661	664	666	669	670	676	679	687	685	682	688	*692	694	*695
Leather and leather products.....	do	123	120	121	122	122	121	120	120	121	120	120	120	120	*119	*120	*121
Service-producing.....	do	49,822	51,628	52,491	52,707	52,989	53,122	53,261	53,335	53,711	53,863	54,005	54,060	54,204	*54,417	*54,580	*54,898
Transportation and public utilities.....	do	4,345	4,464	4,545	4,560	4,574	4,587	4,600	4,611	4,632	4,648	4,661	4,656	4,672	*4,701	*4,713	*4,750
Wholesale trade.....	do	4,615	4,704	4,802	4,825	4,848	4,881	4,902	4,924	4,956	4,975	4,990	5,011	5,030	*5,054	*5,071	*5,101
Retail trade.....	do	15,969	16,454	16,671	16,795	16,902	16,937	16,949	16,949	17,028	17,079	17,087	17,078	17,109	*17,163	*17,186	*17,305
Finance, insurance, and real estate.....	do	4,645	4,807	4,824	4,831	4,827	4,825	4,823	4,828	4,842	4,844	4,851	4,847	4,856	4,865	*4,865	*4,880
Services.....	do	20,248	21,198	21,649	21,696	21,938	21,932	21,987	22,023	22,253	22,326	22,416	22,468	22,538	*22,634	*22,745	*22,802
AVERAGE HOURS PER WEEK §																	
Seasonally Adjusted																	
Avg. weekly hours per worker on private nonag. payroll: ◇																	
Not seasonally adjusted.....	hours	34.8	34.8	34.8	34.4	34.5	34.4	34.7	34.6	34.9	35.1	35.0	34.8	34.9	34.7	34.9	*34.5
Seasonally adjusted.....	do			34.6	34.7	34.8	34.6	34.9	34.7	34.7	34.9	34.6	34.7	34.9	34.8	34.7	*34.9
Mining and construction.....	do	42.2	42.4	43.1	42.1	41.8	41.9	42.3	42.7	42.5	42.3	42.0	42.2	42.7	41.9	42.8	*42.8
Manufacturing.....	do	37.4	37.3	37.6	36.9	36.1	37.4	37.9	38.2	38.7	38.5	38.6	38.4	39.0	37.7	37.2	*36.6
Not seasonally adjusted.....	do	40.7	41.0	41.8	41.0	40.7	40.9	41.0	40.9	41.2	41.0	41.1	41.1	41.0	41.3	41.5	*41.7
Seasonally adjusted.....	do			41.0	41.1	41.0	40.9	41.2	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.2	*40.9
Overtime hours.....	do	3.4	3.7	3.8	3.9	3.7	3.7	3.9	3.9	3.9	3.9	3.9	3.9	4.0	3.9	3.9	*3.9
Durable goods.....	do	41.3	41.5	41.5	41.6	41.5	41.5	42.0	41.8	41.8	41.8	41.6	41.9	41.9	41.9	41.9	*41.6
Overtime hours.....	do	3.5	3.8	3.9	4.0	3.8	3.8	4.2	4.2	4.1	4.0	4.1	4.0	4.2	4.2	4.1	*4.1
Lumber and wood products.....	do	40.3	40.6	40.4	40.2	40.3	40.1	40.6	40.1	40.2	40.5	40.0	39.9	40.7	40.3	40.3	*40.4
Furniture and fixtures.....	do	39.3	40.0	39.8	39.6	39.5	39.3	39.5	39.5	39.4	39.7	39.0	39.6	39.4	*39.4	*39.2	*40.1
Stone, clay, and glass products.....	do	42.2	42.3	42.5	42.0	42.3	42.3	42.5	42.3	42.4	42.1	42.1	42.3	42.5	42.6	42.6	*42.4
Primary metal industries.....	do	41.9	43.1	43.4	43.4	43.1	43.3	43.5	43.6	43.6	43.4	43.5	44.0	43.8	43.7	43.3	*43.3
Fabricated metal products.....	do	41.3	41.5	41.7	41.8	41.6	41.6	42.0	41.9	42.0	41.7	41.8	42.0	41.9	42.2	41.7	*41.9
Machinery, except electrical.....	do	41.6	42.2	42.6	42.7	42.6	42.5	42.3	42.6	42.5	43.0	42.4	42.7	42.6	*42.5	*42.3	*42.4
Electric and electronic equip.....	do	41.0	40.9	40.9	41.1	40.9	40.9	41.2	41.0	41.1	41.0	40.8	41.0	41.0	41.0	41.0	*40.8
Transportation equipment.....	do	42.3	42.0	41.5	42.0	42.1	42.1	43.0	43.0	43.0	42.6	42.7	43.3	43.3	*43.3	*42.7	*42.7
Instruments and related products.....	do	41.0	41.4	41.2	41.8	41.3	41.4	41.3	41.4	41.3	41.8	41.5	41.6	41.9	41.6	41.0	*41.3
Miscellaneous manufacturing.....	do	39.6	39.4	39.2	39.1	39.3	39.2	39.4	39.2	39.3	39.2	39.2	39.2	39.1	*39.2	*38.9	*39.6
Nondurable goods.....	do	39.9	40.2	40.3	40.3	40.2	40.1	40.3	40.0	40.1	40.2	40.1	40.2	40.2	40.2	40.0	*40.1
Overtime hours.....	do	3.3	3.6	3.7	3.8	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.7	3.8	3.6	3.6	*3.6
Food and kindred products.....	do	40.0	40.2	40.5	40.6	40.3	40.1	40.1	40.1	40.3	40.5	40.4	40.3	40.6	40.4	40.5	*40.5
Tobacco manufactures.....	do	37.4	39.0	40.5	39.2	38.6	39.3	38.5	39.5	39.8	39.2	40.1	41.2	41.3	40.3	*39.8	*38.1
Textile mill products.....	do	41.1	41.8	41.5	41.5	41.6	41.2	41.6	40.8	40.7	41.1	41.1	41.1	41.0	41.0	40.7	*40.7
Apparel and other textile products.....	do	36.7	37.0	37.1	36.8	37.0	37.0	37.4	36.8	36.9	36.9	36.8	37.1	36.8	37.0	*36.6	*37.0
Paper and allied products.....	do	43.2	43.4	43.3	43.4	43.3	43.2	43.3	43.3	43.2	43.2	43.2	43.3	43.2	43.1	42.9	*42.4
Printing and publishing.....	do	38.0	38.0	38.0	38.1	38.1	38.1	38.2	37.7	38.0	38.0	38.0	38.1	38.0	37.8	37.7	*38.0
Chemicals and allied products.....	do	41.9	42.3	42.5	42.5	42.4	42.5	42.1	42.0	42.4	42.3	42.1	42.1	42.5	42.4	42.4	*42.5
Petroleum and coal products.....	do	43.8	44.0	44.5	44.2	43.3	43.7	44.4	44.1	45.1	45.3	44.6	44.7	44.7	*44.2	*44.2	*44.2
Rubber and plastics products, nec.....	do	41.3	41.6	41.6	41.7	41.6	41.7	42.0	41.7	41.6	41.6	41.5	41.6	41.5	41.7	41.3	*41.6
Leather and leather products.....	do	36.9	38.2	38.0	38.0	37.8	37.9	37.3	37.3	36.9	37.0	37.6	37.5	37.9	*37.3	*37.6	*38.2
Transportation and public utilities.....	do	39.2	39.2	39.1	39.5	39.1	38.8	39.5	39.4	39.3	39.5	39.3	39.4	39.4	*39.2	*39.4	*39.5
Wholesale trade.....	do	38.3	38.1	38.0	38.1	38.2	38.1	38.3	38.0	37.9	38.2	37.8	38.1	38.0	38.0	38.0	*38.3
Retail trade.....	do	29.2	29.2	28.8	29.0	29.1	29.0	29.2	29.0	29.1	29.3	29.0	28.9	29.2	29.0	*29.1	*29.3
Finance, insurance, and real estate.....	do	36.4	36.3	36.0	36.2	36.4	35.8	36.2	35.8	35.8	36.2	35.7	35.8	36.0	35.7	35.8	*36.3
Services.....	do	32.5	32.5	32.5	32.6	32.7	32.4	32.7	32.5	32.5	32.7	32.4	32.6	32.3	32.6	*32.6	*32.7
AGGREGATE EMPLOYEE-HOURS §																	
Seasonally Adjusted																	
Employee-hours, wage & salary workers in nonag. establish, for 1 week in the month, seas adj. at annual rate.....	bil. hours	185.21	190.09	198.22	198.56	195.05	194.92	196.33	196.09	197.14	198.25	197.60	198.21	199.95	*198.94	*200.01	*201.69
Total private sector.....	do	151.97	156.47	158.75	159.25	160.50	160.15	161.56	161.16	162.41	163.56	162.66	163.05	164.72	*164.55	*164.82	*166.37
Mining.....	do	1.71	1.59	1.62	1.57	1.57	1.59	1.64	1.63	1.64	1.63	1.63	1.62	1.62	1.57	1.58	*1.58
Construction.....	do	9.37	9.82	10.13	9.76	10.01	10.24	10.31	10.26	10.57	10.44	10.50	10.45	10.75	*10.85	*10.66	*10.88
Manufacturing.....	do	40.15	40.59	41.20	41.28	41.29	41.29	41.50	41.49	41.66	41.77	41.62	41.74	42.00	42.14	41.95	*42.13
Transportation and public utilities.....	do	10.74	10.99	11.17	11.26	11.25	11.27	11.36	11.37	11.43	11.55	11.49	11.49	11.57	11.58	11.62	*11.73
Wholesale trade.....	do	11.46	11.65	11.83	11.90	12.00	12.01	12.13	12.06	12.13	12.26	12.19	12.31	12.39	12.38	12.46	*12.60
Retail trade.....	do	27.23	28.10	28.24	28.60	28.84	28.72	28.88	28.81	28.98	29.35	29.10	29.01	29.39	*29.23	*29.41	*29.88
Finance, insurance, and real estate.....	do	11.93	12.37	12.40	12.50	12.58	12.88	12.54	12.40	12.47	12.59	12.43	12.49	12.59	*12.50	*12.57	*12.75
Services.....	do	39.39	41.35	42.15	42.39	42.97	42.76	43.20	43.15	43.54	43.97	43.70					

Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in Business Statistics: 1986

Table with columns for Units, Annual (1986, 1987), 1987 (Dec), 1988 (Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec), and 1989 (Jan).

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

HOURLY AND WEEKLY EARNINGS \$

Table of Average hourly earnings per worker: Not seasonally adjusted. Rows include Private nonagric. payrolls, Mining, Construction, Manufacturing, Durable goods, Excluding overtime, Lumber and wood products, Furniture and fixtures, Stone, clay, and glass products, Primary metal industries, Fabricated metal products, Machinery, Electric and electronic equip., Transportation equipment, Instruments and related products, Miscellaneous manufacturing, Nonurable goods, Food and kindred products, Tobacco manufactures, Textile mill products, Apparel and other textile products, Paper and allied products, Printing and publishing, Chemicals and allied products, Petroleum and coal products, Rubber and plastics products, Leather and leather products, Transportation and public utilities, Wholesale trade, Retail trade, Finance, insurance, and real estate, Services.

Seasonally adjusted:

Table of Average hourly earnings per worker: Seasonally adjusted. Rows include Private nonagricultural payrolls, Mining, Construction, Manufacturing, Transportation and public utilities, Wholesale trade, Retail trade, Finance, insurance, and real estate, Services.

Indexes of avg. hourly earnings, seas. adj.:

Table of Private nonfarm economy: Current dollars, 1977=100. Rows include Mining, Construction, Manufacturing, Transportation and public utilities, Wholesale trade, Retail trade, Finance, insurance, and real estate, Services.

Hourly wages, not seasonally adjusted:

Table of Hourly wages, not seasonally adjusted. Rows include Construction wages, 20 cities (ENR); Common labor; Skilled labor; Railroad wages (average, class D).

Avg. weekly earnings per worker, private nonfarm:

Table of Avg. weekly earnings per worker, private nonfarm. Rows include Current dollars, seasonally adjusted; 1977 dollars, seasonally adjusted; Current dollars, not seasonally adjusted; Private nonfarm, total; Mining; Construction; Manufacturing; Durable goods; Nonurable goods; Transportation and public utilities; Wholesale trade; Retail trade; Finance, insurance, and real estate; Services.

EMPLOYMENT COST INDEX

Table of Employment cost index. Rows include Civilian workers; Workers, by occupational group (White-collar workers, Blue-collar workers, Service workers); Workers, by industry division (Manufacturing, Nonmanufacturing, Services, Public administration).

HELP-WANTED ADVERTISING

Table of Help-wanted advertising: Seasonally adjusted index, 1967=100.

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
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	68	46	0	3	5	*3	0	*5	*7	4	7	*2	3	1	0	3
Workers involved in stoppages:																
Beginning in month or year.....thous.....	529	174	0	7	18	*18	0	*14	*14	*21	12	*4	9	2	0	7
Days idle during month or year.....do.....	12,140	4,481	159	37	337	*506	*332	*344	*490	*726	*718	*510	*293	*78	*52	153
UNEMPLOYMENT INSURANCE *																
State programs:																
Initial claims.....thous.....	17,054	1,988	2,205	1,418	1,301	1,153	1,084	1,200	1,450	1,176	975	1,052				
Average weekly insured unem- ployment.....do.....	2,286	2,215	2,568	2,743	2,597	2,173	1,972	1,902	1,871	1,936	1,554	1,527				
Rate of insured unemployment@.....percent.....		2.3	2.9	2.8	2.5	2.2	1.9	1.9								
Total benefits paid.....mil. \$.....	14,262	1,206	1,388	1,445	1,543	1,141	1,017	1,034	962	1,096	904	820				
Weeks of unemployment com- pensated.....thous.....	105,226	8,819	9,646	10,141	10,860	8,114	7,288	7,379	6,876	7,735	6,424	5,872				
Average weekly benefit.....dollars.....	140.62	142.50	146.06	147.40	147.17	145.74	145.05	143.28	142.56	143.36	145.19	146.06				
Federal civilian employees unemployment insurance (UCFE):																
Initial claims.....thous.....	118.5	11.3	12.4	9.1	8.6	8.4	8.6	11.3	11.8	10.8	8.6	10.5				
Average weekly insured unem- ployment.....do.....	21.1	22.5	22.7	24.4	23.4	20.1	19.2	19.8	19.7	23.1	20.9	22.6				
Total benefits paid.....mil. \$.....	132.2	12.6	12.1	12.8	14.0	10.6	9.9	10.7	10.6	13.2	11.3	11.7				
Weeks of unemployment com- pensated.....thous.....	1,009.5	96.4	89.8	92.3	100.0	75.4	70.6	79.6	76.9	97.4	84.6	86.7				
Average weekly benefit.....dollars.....	130.97	130.72	134.35	138.82	140.04	140.02	139.97	134.82	137.64	135.51	133.43	134.36				
Veterans unemployment insurance (UCX):																
Initial claims.....thous.....	141.3	12.1	12.1	11.3	14.9	17.4	16.3	13.1	10.2	9.5	8.0	8.3				
Average weekly insured unem- ployment.....do.....	17.8	15.6	16.6	18.8	18.8	19.1	22.5	25.6	22.8	20.2	13.8	12.3				
Total benefits paid.....mil. \$.....	122.1	9.2	9.4	10.4	11.2	9.8	11.8	15.3	12.8	13.1	8.4	7.0				
Weeks of unemployment com- pensated.....thous.....	813.2	59.0	61.3	67.0	72.1	67.4	75.6	95.9	84.3	80.0	53.6	44.1				
Average weekly benefit.....dollars.....	151.97	155.26	153.33	154.51	154.78	145.98	156.67	159.44	152.06	164.20	156.83	158.01				

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$.....	64,974	70,565	70,565	*63,152	62,419	63,454	64,111	63,381	64,359	63,240	64,036	63,452	62,253	65,961	66,678	
Commercial and financial company paper, total.....do.....	326,144	*373,586	*373,586	379,192	389,156	388,492	409,497	415,492	415,125	419,003	422,090	425,104	429,549	442,396	451,569	
Financial companies.....do.....	253,131	*287,274	*287,274	296,593	302,541	302,755	316,061	324,985	324,953	327,959	331,754	332,680	332,513	344,544	353,764	
Dealer placed.....do.....	102,753	*115,034	*115,034	122,838	127,032	129,698	136,673	139,339	143,026	143,725	145,427	151,039	147,759	151,581	161,693	
Directly placed.....do.....	150,378	*172,240	*172,240	173,755	175,509	173,057	180,388	185,646	181,927	184,234	186,327	181,591	184,754	192,963	192,071	
Nonfinancial companies.....do.....	73,013	*86,312	*86,312	82,599	86,615	85,737	93,436	90,507	90,172	91,044	90,336	92,474	97,086	97,352	97,805	
Loans of the Farm Credit System: **																
Total, end of period.....mil. \$.....	58,250	52,498	52,498			52,814			53,110			52,583				
Federal land banks and Federal land bank associations.....do.....	39,236	34,346	34,346			33,566			33,043			(*)				
Federal intermediate credit banks and production credit associations.....do.....	11,563	9,927	9,927			9,479			10,127			(*)				
Banks for cooperatives.....do.....	7,400	8,225	8,225			9,770			9,935			9,734				
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$.....	267,359	275,566	275,566	265,174	260,693	265,072	283,979	269,989	277,442	275,408	274,592	285,185	279,331	285,633	293,674	286,771
Reserve bank credit outstand- ing, total #.....do.....	224,235	286,046	286,046	226,563	225,526	227,504	244,006	233,386	239,367	236,075	233,882	243,607	238,370	243,803	250,945	241,413
Loans.....do.....	1,565	3,815	3,815	333	336	2,311	2,590	3,304	2,464	3,650	3,237	2,154	2,275	2,328	2,170	863
U.S. Government securities.....do.....	211,316	222,551	222,551	218,411	216,891	217,496	208,971	223,192	227,636	224,450	222,795	229,181	225,638	232,702	238,422	232,933
Gold certificate account.....do.....	11,084	11,078	11,078	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,061	11,062	11,062	11,059	11,060	11,056
Liabilities, total #.....do.....	267,359	275,566	275,566	265,174	260,693	265,072	283,979	269,989	277,442	275,408	274,592	285,185	279,331	285,633	293,674	286,771
Deposits, total #.....do.....	56,899	48,368	48,368	46,284	42,954	42,150	58,481	42,354	46,176	44,464	42,881	52,757	45,547	45,859	48,898	48,245
Member-bank reserve balances.....do.....	43,107	41,784	41,784	35,338	39,701	38,777	41,720	33,758	35,681	39,994	37,868	39,038	39,741	40,012	39,347	35,810
Federal Reserve notes in cir- culation.....do.....	195,360	212,890	212,890	205,371	206,300	209,719	210,842	215,168	217,812	217,240	218,068	217,676	219,232	224,535	229,640	221,619
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$.....	*59,560	*62,123	62,123	62,640	60,047	60,076	62,064	60,681	61,991	62,756	61,965	62,153	61,915	62,407	*63,739	63,473
Required.....do.....	*53,191	*61,094	61,094	61,345	58,914	59,147	61,205	59,641	61,103	61,749	61,012	61,131	60,353	61,237	*62,699	62,325
Excess.....do.....	*1,369	*1,029	1,029	1,295	1,133	929	859	1,040	888	1,007	953	972	1,062	1,119	1,040	1,148
Borrowings from Federal Reserve banks.....do.....	*327	*777	777	1,082	396	1,752	2,993	2,578	3,083	3,440	3,241	2,839	2,299	2,861	1,716	1,662
Free reserves †.....do.....	*345	*735	735	585	942	655	490	569	359	105	365	192	544	580	568	532
Large commercial banks reporting to Federal Reserve System, last Wed. of mo.: ‡																
Deposits:																
Demand, total #.....mil. \$.....	299,435	247,359	247,359	221,655	214,894	223,226	225,053	215,417	233,070	226,623	229,814	221,621	215,612	240,926	247,292	219,344
Individuals, partnerships, and corporations.....do.....	230,624	190,558	190,558	173,523	167,736	175,045	176,368	170,851	182,936	177,802	184,300	174,338	172,675	191,827	195,477	175,018
States and political subdivisions.....do.....	7,810	6,744	6,744	6,741	6,743	5,882	6,317	5,629	5,979	6,156	6,157	5,788	5,575	6,456	6,993	6,770
U.S. Government.....do.....	1,871	3,258	3,258	3,079	3,250	3,069	4,010	2,121	3,008	2,899	1,656	2,083	2,610	2,950	2,706	2,531
Depository institutions in U.S.....do.....	34,659	27,448	27,448	23,250	21,878	21,954	21,590	21,035	22,360	22,710	21,829	20,696	20,272	22,105	24,194	19,438
Transaction balances other than demand deposits ††.....do.....	64,881	67,094	67,094	68,742	69,248	70,977	72,244	70,507	70,702	71,614	73,511	70,240	71,303	73,593	75,369	75,237
Nontransaction balances, total.....do.....	537,369	565,046	565,046	533,641	537,949	590,904	589,401	594,342	599,611	608,936	609,937	611,396	616,569	622,679	624,122	651,078
Individuals, partnerships, and corporations.....do.....	496,382	524,423	524,423	543,581	547,273	550,777	549,652	553,766	559,581	564,529	569,633	572,104	576,524	583,032	585,340	609,532
Loans and leases(adjusted), total \$.....do.....	836,845	846,807	846,807	864,261	861,774	871,882	881,326	882,613	893,086	891,898	898,166	894,711	897,345	911,557	918,742	930,811
Commercial and industrial.....do.....	297,246	287,232	287,232	288,023	290,090	293,273	297,913	299,004	300,160	299,456	296,817	296,542	297,205	301,245	302,544	305,191
For purchasing and carrying securities.....do.....	14,591	12,490	12,490	12,600	12,853	14,216	13,081	11,704	13,712	11,994	13,667	12,530	12,651	15,271	13,930	12,455
To nonbank depository and other financial.....do.....	28,449	23,925	23,925	22,492	21,782	22,274	22,031	22,350	22,717	22,302	22,479	22,158	21,195	21,953	22,685	21,472
Real estate loans.....do.....	222,785	260,308	260,308	267,728	268,713	271,581	273,834	276,959	280,373	283,672	288,239	290,991	293,242	296,023	299,180	310,552
To States and political subdivisions.....do.....	36,953	32,448	32,448	32,422	32,076	31,632	31,258	30,993	30,759	30,352	30,036	29,754	29,351	28,373	28,608	28,204
Other loans.....do.....	236,821	230,404	230,404	240,991	236,260	238,901	243,204	241,603	244,865	244,122	246,878	242,736	243,701	248,192	251,795	252,937
Investments, total.....do.....	196,1															

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	Units	Annual		1987		1988												1989
		1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
FINANCE—Continued																		
BANKING—Continued																		
Commercial bank credit, seas. adj.: \$																		
Total loans and securities ◊	bil. \$	2,089.9	2,238.0	2,233.0	2,244.8	2,264.1	2,281.3	2,304.7	2,328.5	2,348.4	2,360.8	2,374.9	2,373.6	2,387.5	2,398.1	2,398.3	2,403.3	
U.S. Government securities	do	309.3	335.0	335.0	336.4	336.4	340.2	343.8	346.5	350.5	348.0	350.5	352.5	355.1	356.8	360.9	360.8	
Other securities	do	196.1	194.5	194.5	192.0	193.7	195.7	196.6	196.1	196.5	196.8	196.4	194.2	195.4	194.8	190.9	186.2	
Total loans and leases ◊	do	1,584.5	1,708.5	1,708.5	1,716.5	1,734.0	1,745.4	1,764.3	1,786.0	1,801.5	1,815.9	1,827.9	1,826.8	1,836.9	1,846.5	1,846.5	1,856.3	
Money and interest rates:																		
Prime rate charged by banks on short-term business loans	percent.	8.33	8.22	8.75	8.75	8.51	8.50	8.50	8.84	9.00	9.29	9.84	10.00	10.00	10.05	10.50	10.50	
Discount rate (New York Federal Reserve Bank) @ @	do	6.33	5.66	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.37	6.50	6.50	6.50	6.50	6.50	
Federal intermediate credit bank loans	do	9.70	8.54	8.57	8.56	(*)												
Home mortgage rates (conventional 1st mortgages):																		
New home purchase (U.S. avg.)	percent.	8.74	8.94	8.78	8.75	8.76	8.77	8.76	8.59	8.90	8.80	8.68	8.90	8.77	9.05	9.04	9.23	
Existing home purchase (U.S. avg.)	do	8.80	8.94	8.86	8.92	8.84	8.84	8.93	8.90	8.98	8.98	9.00	8.98	9.11	9.16	9.31	9.28	
Open market rates, New York City:																		
Bankers' acceptances, 90 days	do	6.39	6.75	7.48	6.77	6.49	6.51	6.79	7.12	7.38	7.77	8.19	8.06	8.15	8.55	8.96	8.93	
Commercial paper, 6-month	do	6.39	6.85	7.49	6.92	6.58	6.64	6.92	7.31	7.53	7.90	8.36	8.23	8.24	8.55	8.97	9.02	
Finance co. paper placed directly, 6-mo.	do	6.31	6.37	6.64	6.53	6.27	6.23	6.51	6.75	7.01	7.19	7.57	7.71	7.80	7.94	8.24	8.44	
Yield on U.S. Gov. securities (taxable):																		
3-month bills (rate on new issue)	percent.	5.960	5.820	5.800	5.900	5.690	5.690	5.920	6.270	6.500	6.730	7.020	7.230	7.340	7.680	8.090	8.290	
CONSUMER INSTALLMENT CREDIT †																		
Not seasonally adjusted																		
Total outstanding (end of period) #	mil. \$	581,336	623,628	623,628	621,579	618,926	621,625	627,052	632,329	641,198	646,689	654,667	658,352	661,156	665,686	679,289		
By major holder:																		
Commercial banks	do	265,926	285,856	285,856	286,159	286,024	288,362	291,542	293,708	298,954	302,617	307,130	310,998	313,851	317,217	325,318		
Finance companies	do	134,660	141,118	141,118	140,811	140,321	140,935	141,716	142,542	143,751	144,231	145,371	145,995	146,635	144,832	144,731		
Credit unions	do	77,075	82,044	82,044	81,669	81,094	81,645	82,339	83,269	84,470	85,340	86,310	86,382	86,850	86,929	87,129		
Retailers	do	43,490	46,907	46,907	44,725	43,078	42,673	42,560	42,655	42,793	42,622	42,931	42,944	43,371	44,793	49,736		
Savings institutions	do	56,914	64,099	64,099	64,456	64,873	64,564	65,341	66,551	65,570	68,039	68,957	68,277	67,723	68,256	68,701		
Seasonally adjusted																		
Total outstanding (end of period) #	do			613,021	619,258	624,298	629,485	633,386	636,318	644,371	647,998	653,317	653,319	657,226	661,889	667,328		
By major holder:																		
Commercial banks	do			281,564	284,753	287,344	290,832	293,166	295,547	300,275	303,189	307,119	308,960	312,969	317,127	320,226		
Finance companies	do			140,072	141,695	142,946	144,053	144,516	144,454	144,748	143,812	143,962	142,723	142,430	142,226	143,528		
Credit unions	do			81,064	81,662	81,897	82,595	83,204	83,881	84,911	85,469	85,831	85,554	86,024	86,102	86,070		
Retailers	do			42,782	42,926	43,080	43,271	43,295	43,162	43,634	43,712	43,956	44,250	44,644	45,370			
Savings institutions	do			63,949	64,633	65,396	65,078	65,387	65,510	67,274	68,132	68,909	68,462	67,845	68,140	68,482		
By major credit type:																		
Automobile	do			267,180	269,883	273,133	276,762	278,567	279,418	282,254	283,359	285,561	284,732	286,107	287,474	290,434		
Revolving	do			159,307	162,065	163,462	166,644	167,356	169,154	172,810	174,928	177,568	178,675	181,277	184,468	185,870		
Mobile home	do			25,957	25,926	25,857	25,732	25,764	25,703	25,852	25,832	25,914	25,746	25,776	25,810	25,810		
Total net change (during period) #	do			4,295	6,236	5,035	5,191	3,851	2,982	8,053	3,621	5,324	2	3,906	4,663	5,439		
By major holder:																		
Commercial banks	do			2,014	3,188	2,591	3,487	2,385	2,380	4,729	2,914	3,929	1,841	4,009	4,159	3,099		
Finance companies	do			1,144	1,623	1,251	1,107	462	-61	294	-936	149	-1,239	-242	-254	1,297		
Credit unions	do			142	598	235	698	609	677	1,030	577	412	-327	471	78	-32		
Retailers	do			491	144	154	191	24	-133	287	185	78	244	294	394	726		
Savings institutions	do			583	684	763	-318	309	123	1,765	908	727	-447	-617	295	342		
By major credit type:																		
Automobile	do			2,706	2,704	3,250	3,628	1,805	851	2,836	1,106	2,201	-779	1,325	1,366	2,960		
Revolving	do			2,882	2,758	1,396	2,182	1,713	1,798	3,655	2,118	2,641	1,107	2,602	3,190	1,402		
Mobile home	do			-647	-32	-69	-125	32	-61	149	29	33	-169	30	754	-221		
FEDERAL GOVERNMENT FINANCE																		
Budget receipts and outlays:																		
Receipts (net)	mil. \$	1,769,091	1,854,143	85,525	81,791	60,355	65,730	109,323	59,711	99,205	60,690	69,479	97,803	63,646	64,408	93,795	89,369	
Outlays (net) §§	do	1,990,231	1,003,804	109,889	65,895	84,382	95,013	95,554	82,295	90,071	83,634	92,561	37,588	90,655	93,541	105,241	86,563	
Budget surplus or deficit (-) §§	do	-221,140	-149,661	-24,363	15,896	-24,027	-29,283	13,769	-22,583	9,134	-22,944	-23,082	10,214	-27,009	-29,133	-11,446	2,806	
Budget financing, total §§	do	221,140	149,661	24,363	-15,896	24,027	29,283	-13,769	22,583	-9,134	22,944	23,082	-10,214	27,009	29,133	11,446	-2,806	
Borrowing from the public §§	do	236,137	151,717	10,253	5,470	20,230	17,298	-213	7,880	11,699	3,665	23,970	14,665	10,235	81,635	11,914	7,359	
Reduction in cash balances	do	-15,047	-2,056	14,110	-21,366	3,747	11,987	-13,556	14,903	-20,883	19,279	-288	-24,879	16,724	-2,502	-463	-10,165	
Gross amount of debt outstanding §§	do	2,129,964	2,355,206	2,437,637	2,454,096	2,477,438	2,493,195	2,508,342	2,526,492	2,555,086	2,560,795	2,536,091	2,614,581	2,636,657	2,672,217	2,707,234	2,720,742	
Held by the public §§	do	1,746,044	1,897,761	1,960,257	1,965,645	1,985,923	2,003,207	2,003,007	2,010,706	2,022,232	2,025,897	2,049,267	2,063,932	2,074,217	2,105,852	2,117,768	2,125,125	
Budget receipts by source and outlays by agency:																		
Receipts (net), total																		
Individual income taxes (net)	mil. \$	769,091	854,143	85,525	81,791	60,355	65,730	109,323	59,711	99,205	60,690	69,479	97,803	63,646	64,408	93,795	89,369	
Corporation income taxes (net)	do	348,959	392,557	36,537	43,987	25,651	20,637	53,334	17,958	46,092	25,791	31,942	41,784	31,287	29,822	39,673	48,627	
Social insurance taxes and contributions (net)	do	63,143	83,926	17,748	3,630	975	12,706	12,026	1,613	18,347	1,499	1,461	20,668	1,794	1,442	22,160	3,181	
Other	do	288,901	308,318	23,861	28,162	28,500	25,876	37,357	33,996	27,967	26,915	28,873	28,694	23,848	25,075	24,698	31,652	
Outlays (net), total §§	do	1,990,231	1,003,804	109,889	65,895	84,382	95,013	95,554	82,295	90,071	83,634	92,561	37,588	90,655	93,541	105,241	86,563	
Agriculture Department	do	58,666	49,593	3,806	4,428	643	4,358	4,449	3,642	2,552	2,300	2,221	2,764	5,769	5,318	4,917	4,610	
Defense Department, military	do	265,636	273,938	28,358	19,205	23,067	25,756	26,102	20,273	24,589	23,856	23,764	21,036	25,189	23,905	28,201	19,281	
Health and Human Services																		
Department	mil. \$	333,935	351,315	47,607	12,441	30,790	32,479	32,044	30,025	35,005	29,223	32,162	32,271	29,138	31,956	33,491	31,437	
Treasury Department	do	179,189	180,345	29,084	13,902	15,184	13,900	14,704	16,681	30,071	13,291	14,901	13,045	13,838	16,943	34,643	15,555	
National Aeronautics and Space Administration	do	7,403	7,591	843	622	606	804	816	777	863	805	717	530	998	993	884	822	
Veterans Administration	do	26,536	26,952	3,771	1,210	2,158	2,555	3,748	1,432	2,130	2,355	2,261	3,091	1,854	2,705	3,531	1,182	
GOLD AND																		

Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in Business Statistics, 1988	Units	Annual		1987		1988											1989	
		1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
FINANCE—Continued																		
MONETARY STATISTICS																		
Currency in circulation (end of period).....bil. \$.	212.0	230.2	230.2					227.1					235.4					247.7
Money stock measures and components (averages of daily figures): †																		
Measures (not seasonally adjusted):																		
M1	666.8	744.2	766.4	765.2	745.5	752.6	779.1	764.6	779.9	786.9	782.3	781.0	782.1	788.3	804.3	793.0		
M2	2,687.0	2,863.2	2,918.3	2,941.1	2,988.3	2,962.4	3,001.4	2,990.1	3,015.5	3,081.4	3,080.5	3,028.5	3,088.3	3,057.7	3,079.5	3,079.3		
M3	3,360.0	3,591.9	3,688.1	3,710.1	3,719.3	3,750.3	3,785.8	3,784.4	3,815.9	3,889.7	3,851.5	3,857.3	3,874.2	3,904.0	3,927.1	3,929.6		
L (M3 plus other liquid assets).....do....	3,993.6	4,246.1	4,354.5	4,392.8	4,402.3	4,433.0	4,478.8	4,491.9	4,521.6	4,587.4	4,580.0	4,588.0	4,611.5	4,656.1	4,702.7			
Components (not seasonally adjusted):																		
Currency	174.4	188.8	199.3	197.0	197.1	199.1	201.6	203.6	205.7	208.0	207.9	208.0	209.0	211.3	214.9	211.8		
Demand deposits	281.0	294.3	298.6	295.9	279.1	279.9	292.1	288.1	291.3	293.1	289.0	287.4	288.8	290.0	298.8	290.5		
Other checkable deposits ††.....do....	205.2	254.3	262.0	265.7	262.4	266.7	278.5	270.8	275.3	277.7	277.2	277.8	276.9	279.8	283.7	283.7		
Overnight RP's and Eurodollars ◊.....do....	71.8	79.2	77.9	82.8	77.9	74.5	75.6	80.4	80.8	77.6	79.9	77.3	75.9	75.4	80.4	85.0		
General purpose and broker/dealer money market funds.....do....	196.3	218.8	221.1	225.2	231.0	234.8	235.8	231.8	228.9	229.6	230.8	231.0	231.3	237.4	239.6	242.0		
Money market deposit accounts.....do....	544.0	552.2	526.3	525.0	523.6	525.5	524.2	520.5	523.2	522.0	517.7	511.4	507.5	506.7	502.7	495.1		
Savings deposits	328.7	408.1	411.4	412.5	413.2	419.2	424.5	427.7	432.3	436.0	433.7	430.9	430.9	429.4	425.9	422.8		
Small time deposits @.....do....	879.3	865.7	895.2	930.5	947.1	955.8	962.2	965.1	970.5	979.4	986.0	996.9	1,010.6	1,019.5	1,026.5	1,041.3		
Large time deposits @.....do....	446.9	461.8	488.7	487.9	492.9	497.8	496.1	500.5	504.8	509.5	519.2	529.2	536.4	537.3	539.8	545.0		
Measures (seasonally adjusted):																		
M1			752.3	758.4	760.1	763.8	771.2	771.1	776.5	782.5	782.4	783.7	785.4	786.6	790.2	786.3		
M2			2,909.5	2,950.8	2,950.8	2,969.3	2,990.3	2,999.8	3,018.1	3,023.9	3,029.7	3,035.0	3,042.2	3,059.1	3,071.8	3,069.0		
M3			3,677.1	3,701.5	3,731.3	3,755.9	3,779.6	3,794.6	3,815.6	3,888.2	3,850.6	3,859.2	3,876.5	3,898.9	3,917.3	3,922.1		
L (M3 plus other liquid assets).....do....			4,340.2	4,376.6	4,406.4	4,436.5	4,475.5	4,504.0	4,521.1	4,565.5	4,585.2	4,592.9	4,615.6	4,648.1	4,688.9			
Components (seasonally adjusted):																		
Currency			196.4	198.5	199.4	200.7	202.4	203.4	204.7	206.4	207.0	208.6	209.7	210.5	211.8	213.4		
Demand deposits			283.3	289.4	288.1	288.4	290.3	288.1	289.8	290.4	289.9	288.8	288.9	287.7	288.6	284.0		
Other checkable deposits ††.....do....			260.4	268.4	265.4	267.5	271.2	272.2	274.7	278.5	278.3	279.0	279.4	280.9	282.3	281.3		
Savings deposits			416.4	417.0	418.8	425.1	423.3	425.2	427.6	429.7	430.9	430.5	429.2	431.3	427.8			
Small time deposits @.....do....			914.1	925.4	942.4	952.8	963.4	971.0	975.7	981.0	988.3	998.7	1,009.7	1,017.8	1,025.3	1,035.5		
Large time deposits @.....do....			487.4	487.0	492.3	496.3	499.2	502.4	507.8	514.0	526.7	536.0	534.4	538.0	544.2			
PROFITS AND DIVIDENDS (QTRLY.)																		
Manufacturing corps. (Bureau of the Census):																		
Net profit after taxes, all manufacturing.....mil. \$.	83,121	115,599	26,127					36,924					41,465					38,230
Food and kindred products	13,292	15,627	4,982					4,548					6,093					5,249
Textile mill products.....do....	1,706	1,891	527					388					473					302
Paper and allied products.....do....	3,280	5,520	1,495					1,744					2,195					2,227
Chemicals and allied products.....do....	12,900	16,559	2,666					6,378					6,199					5,483
Petroleum and coal products.....do....	8,823	10,900	185					4,996					4,102					5,956
Stone, clay, and glass products.....do....	2,120	2,911	435					94					1,000					807
Primary nonferrous metal.....do....	760	1,077	208					302					1,125					1,060
Primary iron and steel.....do....	3,372	1,356	250					869					802					693
Fabricated metal products.....do....	3,232	4,427	1,262					1,481					1,751					1,264
Machinery (except electrical).....do....	6,551	10,203	3,613					3,017					2,954					3,844
Electrical and electronic equipment.....do....	7,619	9,570	1,970					2,734					3,485					3,327
Transportation equipment (except motor vehicles and equipment).....mil. \$.	3,261	4,677	1,159					1,274					1,281					1,611
Motor vehicles and equipment.....do....	8,363	10,647	2,378					3,313					3,877					2,090
All other manufacturing industries.....do....	14,586	20,234	5,372					5,736					6,178					5,708
Dividends paid (cash), all manufacturing.....do....	46,044	49,512	12,498					12,284					13,710					14,476
SECURITIES ISSUED																		
Securities and Exchange Commission:																		
Estimated gross proceeds, total.....mil. \$.	252,775	275,502	20,439	20,174	23,196	20,843	18,288	19,636	30,615	19,282	15,977	15,728	12,106	8,343				
By type of security:																		
Bonds and notes, corporate.....do....	177,525	191,339	13,974	15,769	15,303	16,532	15,132	14,518	26,114	11,767	11,905	11,448	8,948	6,165				
Common stock.....do....	58,952	65,835	5,245	2,714	6,782	3,420	2,667	3,998	3,700	6,474	3,396	3,795	2,408	1,815				
Preferred stock.....do....	12,195	11,735	122	1,242	261	625	241	400	501	741	501	291	575	353				
By type of issuer:																		
Corporate, total #.....mil. \$.	248,673	268,909	19,341	19,725	22,346	20,577	18,040	18,911	30,315	18,982	15,802	15,529	11,981	8,333				
Manufacturing.....do....	46,316	46,172	1,734	2,946	2,000	1,595	3,793	2,286	4,045	3,025	2,510	3,917	2,388	2,220				
Extractive.....do....	4,687	8,229	533	802	87	189	315	221	928	1,150	642	125	30	244				
Public utility.....do....	25,484	19,943	2,881	492	1,429	1,814	1,515	1,535	1,946	245	647	824	1,283	478				
Transportation.....do....	4,970	6,698	404	1	760	589	250	365	631	0	72	78	258	64				
Communication.....do....	14,954	7,326	1,668	60	0	488	243	78	906	1,307	3	457	132	298				
Financial and real estate.....do....	126,589	151,049	8,084	12,905	16,842	13,754	10,657	13,608	19,579	11,108	10,045	8,923	7,300	3,313				
State and municipal issues (Bond Buyer): \$																		
Long-term.....do....	142,544	98,673	7,685	5,410	8,003	10,200	6,180	7,222	13,286	9,853	7,538	9,462	9,192					
Short-term.....do....	20,111	15,486	626	405	630	355	8,017	847	2,761	956	5,919	726	811					
SECURITY MARKETS																		
Stock Market Customer Financing																		
Margin credit at broker-dealers, end of year or month.....mil. \$.	36,840	31,990	31,990	31,320	31,990	32,660	33,270	33,070	32,300	31,770	31,930	32,770	33,410	33,640	32,740	32,530		
Free credit balances at brokers, end of year or month:																		
Margin-account.....do....	4,880	4,750	4,750	4,675	4,555	4,615	4,395	4,380	4,580	4,485	4,655	4,725	5,065	4,920	5,660	5,790		
Cash-account.....do....	19,000	15,640	15,640	15,270	14,695	14,355	13,965	14,150	14,460	14,340	14,045	14,175	14,890	15,185	16,595	15,705		
Bonds																		
Prices:																		
Standard & Poor's Corporation, domestic municipal (15 bonds).....dol. per \$100 bond.	65.1	62.7	60.5	61.8	63.7	61.8	61.0	60.4	61.4	61.4	61.4	62.5	63.8	62.6	62.9	65.0		
Sales:																		
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$.	10,464.10	9,726.24	729.81	634.54	688.14	688.44	612.76	648.40	675.53	542.87	642.88	581.89	596.74	610.58	640.57	632.13		

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
FINANCE—Continued																
Bonds—Continued																
Yields:																
Domestic corporate (Moody's).....percent..	9.71	9.91	10.59	10.37	9.89	9.86	10.15	10.37	10.36	10.47	10.58	10.28	9.90	9.91	10.03	10.05
By rating:																
Aaa.....do.....	9.02	9.28	10.11	9.88	9.40	9.39	9.67	9.90	9.86	9.96	10.11	9.82	9.51	9.45	9.57	9.62
Aa.....do.....	9.47	9.68	10.33	10.09	9.50	9.59	9.86	10.10	10.13	10.26	10.37	10.06	9.71	9.72	9.81	9.81
A.....do.....	9.95	9.99	10.62	10.48	9.94	9.89	10.17	10.41	10.42	10.55	10.65	10.34	9.99	9.99	10.11	10.10
Baa.....do.....	10.39	10.58	11.29	11.07	10.62	10.57	10.90	11.04	11.00	11.11	11.21	10.90	10.41	10.48	10.65	10.65
By group:																
Industrials.....do.....	9.96	9.88	10.18	9.98	9.87	9.61	9.76	9.97	9.99	9.98	10.07	10.00	9.88	9.93	10.04	10.08
Public utilities.....do.....	9.46	9.98	10.99	10.75	10.11	10.11	10.53	10.75	10.71	10.96	11.09	10.56	9.92	9.89	10.02	10.02
Railroads.....do.....	9.85	9.63	10.08	10.04	9.85	9.91	10.08	10.03	10.04	10.06	10.10	10.12	10.03	10.00	10.06	10.04
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	7.23	7.69	7.86	7.51	7.47	7.90	7.77	7.87	7.74	7.76	7.76	7.64	7.38	7.66	7.50	7.29
Standard & Poor's Corp. (15 bonds).....do.....	7.38	7.73	8.07	7.58	7.55	7.80	7.91	8.01	7.86	7.87	7.86	7.71	7.54	7.58	7.66	7.41
U.S. Treasury bonds, taxable $\frac{1}{2}$.....do.....	8.14	8.64	9.12	8.82	8.41	8.61	8.91	9.24	9.04	9.20	9.33	9.06	8.89	9.07	9.13	9.07
Stocks																
Prices:																
Dow Jones averages (65 stocks).....	702.50	849.46	703.60	722.21	739.63	766.55	759.10	739.31	784.20	785.26	767.55	780.41	808.29	796.20	817.30	851.45
Industrial (30 stocks).....	1,792.76	2,275.99	1,910.07	1,947.35	1,980.65	2,044.31	2,036.13	1,988.91	2,104.94	2,104.22	2,051.29	2,080.06	2,144.31	2,099.04	2,148.53	2,234.68
Public utility (15 stocks).....	195.24	201.70	176.05	182.18	184.96	177.68	171.40	169.30	180.02	178.71	178.56	179.85	185.01	184.12	185.15	188.88
Transportation (20 stocks).....	785.41	929.19	728.84	755.97	790.14	861.33	853.73	820.24	873.11	881.17	866.14	879.45	923.12	916.21	955.39	1,009.31
Standard & Poor's Corporation: $\frac{1}{2}$																
Combined index (500 Stocks).....1941-43=100.....	236.34	286.83	240.96	250.48	258.13	265.74	262.61	256.12	270.68	269.05	263.73	267.97	277.40	271.02	276.51	285.41
Industrial, total (400 Stocks) $\frac{1}{2}$.....do.....	262.16	390.90	277.68	283.36	296.46	308.04	305.78	297.39	312.78	310.87	308.12	307.40	319.05	311.84	319.07	330.17
Capital goods.....do.....	227.14	288.23	245.87	248.47	249.68	258.47	255.19	246.32	265.21	262.93	247.69	247.60	253.19	247.36	253.87	262.80
Consumer goods.....do.....	260.72	323.77	272.17	279.64	292.04	305.52	301.69	286.71	305.51	302.22	301.27	313.68	327.18	324.78	331.12	339.49
Utilities (40 Stocks).....do.....	107.65	112.70	102.36	106.13	110.67	107.24	104.12	103.11	109.86	108.49	107.89	109.67	113.00	111.70	113.02	114.37
Transportation (20 Stocks).....1982=100.....	200.19	228.91	185.50	192.20	199.03	212.88	209.54	197.57	211.33	210.37	203.10	209.71	219.89	216.97	225.63	237.65
Railroads.....1941-43=100.....	141.73	166.90	146.46	150.08	153.62	162.44	160.17	148.23	160.44	157.72	162.79	158.59	164.78	164.74	171.25	178.57
Financial (40 Stocks).....1970=100.....	28.36	28.15	21.12	22.41	23.27	23.30	22.38	22.28	24.46	24.55	25.00	25.75	26.05	24.85	24.79	25.51
Money center banks.....1941-43=100.....	115.71	112.03	76.47	73.23	83.39	84.76	82.50	84.24	97.54	97.87	97.85	102.18	99.61	98.23	98.74	99.73
Major regional banks.....do.....	114.41	109.54	83.17	89.63	94.09	95.74	96.44	99.23	107.94	108.85	110.97	112.82	111.78	107.34	103.82	104.72
Property-Casualty Insurance.....do.....	312.67	311.50	270.19	278.01	283.37	276.33	258.31	256.05	274.56	270.64	276.57	290.22	268.26	266.65	274.49	
N.Y. Stock Exchange common stock indexes:																
Composite.....12/31/65=50.....	136.00	161.70	134.83	140.55	145.13	149.88	148.46	144.94	152.72	152.12	149.25	151.47	156.36	152.67	155.35	160.40
Industrial.....do.....	155.84	195.31	162.19	168.47	173.44	181.57	180.88	176.02	184.92	184.09	179.72	182.18	188.58	183.79	187.75	194.62
Transportation.....do.....	119.87	140.89	115.85	121.20	126.09	135.15	133.43	127.63	136.02	136.49	132.53	136.27	141.93	138.20	144.07	158.09
Utility.....do.....	71.36	74.30	67.39	70.01	72.89	71.16	69.40	68.65	72.25	71.50	70.67	71.83	74.19	73.83	74.81	75.87
Finance.....do.....	147.20	146.48	111.47	119.40	124.36	125.27	121.67	120.35	129.04	130.00	130.77	133.15	134.66	129.61	128.83	132.26
NASDAQ over-the-counter price indexes:																
Composite.....2/5/71=100.....	366.96	402.74	314.54	339.28	353.68	375.54	377.24	371.88	386.44	391.40	379.61	382.16	385.01	372.89	375.73	389.82
Industrial.....do.....	387.27	422.72	319.90	344.41	354.62	386.34	387.54	382.72	400.91	405.62	385.38	384.00	382.49	365.82	371.11	385.71
Insurance.....do.....	430.57	425.25	345.95	375.55	400.05	404.17	400.42	392.32	398.09	398.52	412.14	429.93	432.45	426.82	425.34	441.91
Bank.....do.....	410.17	464.95	373.87	410.93	435.03	446.07	447.76	441.27	450.95	456.96	457.12	452.91	450.81	440.91	436.45	446.01
NASDAQ/NMS composite.....7/10/34=100.....	156.10	172.49	135.51	146.36	152.69	162.34	163.05	160.65	167.16	169.21	164.06	165.30	166.78	161.60	163.15	169.07
Industrial.....do.....	135.03	161.06	123.08	132.97	135.97	149.52	149.52	148.02	155.29	156.97	148.94	148.48	148.10	141.76	144.24	149.98
Yields (Standard & Poor's Corp.):																
Composite (500 stocks).....percent.....	3.48	3.08	3.71	3.86	3.56	3.48	3.57	3.80	3.58	3.65	3.75	3.69	3.61	3.70	3.68	3.64
Industrials (400 stocks).....do.....	3.09	2.62	3.18	3.14	3.07	2.96	3.02	3.26	3.08	3.14	3.25	3.21	3.19	3.22	3.19	3.14
Utilities (40 stocks).....do.....	6.54	6.52	7.19	7.04	6.73	6.99	7.30	7.44	6.96	7.16	7.20	7.09	7.01	7.04	6.98	6.99
Transportation (20 stocks).....do.....	2.43	2.20	2.63	2.57	2.44	2.34	2.45	2.64	2.43	2.45	2.64	2.55	2.41	2.43	2.34	2.41
Financial (40 stocks).....do.....	3.22	3.60	4.89	4.66	4.40	4.51	4.78	4.70	4.24	4.24	4.12	3.96	3.96	4.16	4.26	4.15
Preferred stocks, 10 high-grade.....do.....	8.76	8.37	9.08	9.04	9.02	9.07	9.19	9.25	9.32	9.33	9.39	9.28	9.23	9.36	9.38	9.31
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$.....	1,705,124	2,284,166	142,612	128,230	140,038	158,878	141,203	115,481	150,481	134,368	128,481	116,768	138,181	120,062	.....	.....
Shares sold.....millions.....	48,338	63,771	5,263	4,323	4,641	5,471	4,429	3,927	4,857	4,521	4,465	4,014	4,248	3,789	.....	.....
On New York Stock Exchange:																
Market value.....mil. \$.....	1,448,235	1,983,311	124,179	112,389	123,996	144,622	123,459	100,894	131,410	118,972	112,242	100,854	118,416	103,902	.....	.....
Shares sold (cleared or settled).....millions.....	39,150	53,088	4,374	3,643	3,981	4,791	3,714	3,297	4,150	3,819	3,759	3,352	3,528	3,162	.....	.....
New York Stock Exchange:																
Exclusive of odd-lot stock sales (sales effected).....millions.....	35,680	47,801	3,927	3,495	3,694	4,052	3,261	3,232	4,307	3,338	3,327	3,060	3,415	2,823	2,845	3,532
NASDAQ over-the-counter:																
Market value.....mil. \$.....	378,216	498,301	26,946	27,577	27,609	38,729	28,887	25,292	33,296	29,054	29,585	26,524	28,698	25,017	25,761	33,475
Shares sold.....millions.....	28,737	37,390	2,973	2,465	2,502	3,158	2,468	3,115	2,614	2,601	2,348	2,601	2,522	2,287	2,488	2,716
Shares listed, NYSE, end of period:																
Market value, all listed shares.....bil. \$.....	2,199.26	2,216.31	2,216.31	2,321.33	2,411.62	2,346.23	2,369.71	2,359.14	2,456.51	2,439.65	2,353.78	2,440.00	2,489.44	2,443.44	2,457.46	2,609.24
Number of shares listed.....millions.....	59,620	71,802	71,802	72,952	73,025	73,517	73,911	74,360	74,688	75,267	75,320	75,498	75,891	76,160	76,093	76,603

FOREIGN TRADE OF THE UNITED STATES

Exports (mdse.), incl. reexports, total @	1987		1988												1989	
	Jan.	Feb.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
Seasonally adjusted $\frac{1}{4}$.....mil. \$.....	227,158.5	254,121.9	24,314.4	22,990.1	24,188.6	29,105.7	26,334.9	22,142.6	26,893.8	25,098.2	26,538.1	27,236.6	28,624.7	27,854.5	29,321.7	.....
By geographic regions:																
Africa.....do.....	5,978.2	6,283.4	505.5	492.0	509.2	577.9	690.8	573.8	741.2	769.2	555.0	648.7	586.4	608.8	678.0	.....
Asia.....do.....	64,531.8	73,267.5	7,981.6	6,889.1	7,111.6	8,871.3	8,247.7	7,909.9	8,755.2	8,592.4	8,623.3					

Table with columns: Units, Annual (1986, 1987), 1987 (Dec), 1988 (Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec), 1989 (Jan). Rows include VALUE OF EXPORTS, VALUE OF IMPORTS, and various commodity and regional breakdowns.

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986

Units	Annual		1987			1988											1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
FOREIGN TRADE OF THE UNITED STATES—Continued																		
Indexes																		
Exports (U.S. mdee., excl. military grant-aid):																		
Unit value @1977=100 ..	155.4	158.6	159.0	163.4	161.3	162.6	165.4	169.6	169.6	173.7	174.6	176.9	175.8	175.8	176.3	176.3		
Quantity.....do.....	112.6	127.0	147.1	130.7	142.4	173.0	154.0	153.1	151.9	136.7	145.9	148.6	149.8	145.1	159.0	159.0		
Value.....do.....	175.0	201.4	234.0	213.6	229.6	281.2	254.7	259.7	257.7	287.4	254.6	262.9	263.4	255.0	280.4	280.4		
General imports:																		
Unit value @do.....	154.0	164.6	168.8	168.7	170.4	171.5	172.2	176.3	176.9	177.1	174.0	172.5	171.8	172.3	174.4	174.4		
Quantity.....do.....	164.9	163.2	172.9	162.1	173.1	173.2	166.4	170.3	179.0	165.4	178.5	174.0	185.4	183.0	182.9	182.9		
Value.....do.....	253.9	273.5	291.9	273.5	294.9	305.6	286.6	300.2	316.6	293.0	310.5	300.2	318.6	315.2	318.9	318.9		
Shipping Weight and Value																		
Waterborne trade:																		
Exports (incl. reexports):																		
Shipping weight.....thous. sh. tons.	328,419	357,287	35,306	28,246	29,911	34,890	35,766	35,092	33,834	31,315	32,344	34,794						
Value.....mil. \$.	87,946	99,011	9,887	8,801	9,467	11,166	10,234	10,374	10,396	10,178	10,422	11,497						
General imports:																		
Shipping weight.....thous. sh. tons.	450,214	471,693	38,714	39,280	39,960	39,456	41,029	44,764	42,086	41,679	45,080	42,993						
Value.....mil. \$.	217,781	245,030	20,617	19,811	20,732	20,830	20,044	20,718	21,677	21,247	22,468	20,519						

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																
Air Carriers																
Certificated route carriers:																
Passenger-miles (revenue).....bil.	366.55	404.31	31.60	30.45	29.71	36.19	34.02	35.35	38.24	40.88	43.00	33.82	35.45	32.53		
Passenger-load factor.....percent.	60.3	62.4	58.1	55.8	57.5	64.4	62.5	62.5	66.6	68.2	70.9	60.3	61.9	59.8		
Ton-miles (revenue), total.....mil.	45,681	50,451	4,111	3,861	3,803	4,585	4,305	4,449	4,780	5,058	5,261	4,364	4,605	4,295		
Operating revenues (quarterly) # \$.....mil. \$.	50,086	56,699	14,418			14,478			16,088							
Passenger revenues.....do.....	39,608	44,883	11,262			11,374			12,850							
Cargo revenues.....do.....	5,624	6,395	1,738			1,726			1,834							
Mail revenues.....do.....	833	924	273			244			235							
Operating expenses (quarterly) \$.....do.....	48,855	54,262	14,321			14,246			14,865							
Net income after taxes (quarterly) \$.....do.....	-205	459	-374			-52			600							
Domestic operations:																
Passenger-miles (revenue).....bil.	302.09	324.43	25.57	24.09	24.36	29.47	27.20	27.69	29.05	30.50	32.21	25.22	27.32	25.85		
Cargo ton-miles.....mil.	3,990	4,339	385	354	355	419	391	394	415	407	416	417	437	426		
Mail ton-miles.....do.....	1,247	1,312	161	111	105	121	111	105	106	103	105	106	111	113		
Operating revenues (quarterly) \$.....mil. \$.	41,043	45,468	11,616			11,616			12,725							
Operating expenses (quarterly) \$.....do.....	39,983	43,756	11,498			11,489			11,800							
Net income after taxes (quarterly) \$.....do.....	-108	457	-205			-90			463							
International operations:																
Passenger-miles (revenue).....bil.	64.44	79.83	6.02	6.36	5.34	6.72	6.82	7.66	9.18	10.38	10.80	8.60	8.12			
Cargo ton-miles.....mil.	3,346	3,921	348	316	338	388	364	379	399	424	408	423	473			
Mail ton-miles.....do.....	433	443	57	35	34	39	37	36	36	36	36	35	39			
Operating revenues (quarterly) \$.....mil. \$.	3,626	10,907	2,701			2,772			3,293							
Operating expenses (quarterly) \$.....do.....	8,461	10,214	2,739			2,681			3,046							
Net income after taxes (quarterly) \$.....do.....	-108	302	-160			28			127							
Urban Transit Systems																
Passengers carried, total *.....mil.	9,009	8,972	758	726	737	835	779	750	758	695	753	740				
Motor Carriers																
Carriers of property, large, class I, qtrly.:																
Number of reporting carriers.....	100	100	100			100			100							
Operating revenues, total.....mil. \$.	18,480	18,772	4,909			4,403			6,868							
Net income, after extraordinary and prior period charges and credits.....mil. \$.	548	263	52			38			6,666							
Tonnage hauled (revenue), common and contract carrier service.....mil. tons.	166	179	48			42			7,009							
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common carriers of general freight, seas. adj.....1967=100 ..	148.0	163.9	173.4	175.0	171.0	175.3	174.9	178.5	184.6	172.6	177.6	180.1	178.6	178.3	177.0	
Class I Railroads †																
Financial operations, quarterly (AAR), excluding Amtrak:																
Operating revenues, total #.....mil. \$.	25,957	26,623	6,840			6,868			7,009							
Freight.....do.....	25,098	25,798	6,632			6,666			6,804							
Passenger, excl. Amtrak.....do.....	110	95	20			21			21							
Operating expenses.....do.....	24,652	23,881	5,982			6,034			6,649							
Net railway operating income.....do.....	1,168	1,752	538			569			225							
Ordinary income †.....do.....	733	1,989	690			523			347							
Traffic:																
Revenue ton-miles, qtrly. (AAR).....bil.	867.7	943.7	248.7			247.4			251.3			250.0			248.4	276.5
Price index for railroad freight.....12/84=100 ..	100.8	100.1	100.1	103.2	103.2	103.2	105.2	105.2	104.9	105.2	105.4	105.4	105.4	105.3	105.4	105.9
Travel																
Lodging industry:																
Restaurant sales index...same month 1967=100 ..																
Hotels: Average room sale (¢).....dollars.	73.61	82.58	81.50	86.64	88.17	89.27	85.37	84.97	82.70	76.58	80.49	83.65	89.71			
Rooms occupied.....% of total.	66	68	52	57	63	72	70	70	70	68	72	66	72			
Motor hotels: Average room sale (¢).....dollars.	48.07	47.79	45.96	47.11	45.78	48.88	46.35	44.48	45.58	51.56	46.61	48.01	44.25			
Rooms occupied.....% of total.	62	62	46	54	60	72	68	64	71	75	74	64	66			
Economy hotels: Average room sale (¢).....dollars.	31.13	32.87	31.88	32.80	41.87	36.10	50.30	53.52	50.19	50.44	36.18	34.30	33.42			
Rooms occupied.....% of total.	63	64	41	52	56	71	68	66	74	80	78	65	65			
Foreign travel:																
U.S. citizens: Arrivals (quarterly).....thous.																
Departures (quarterly).....do.....	15,843	17,005	3,692			4,126			4,340	1,834	2,007	1,411				
Arrivals (quarterly).....do.....	14,357	16,425	3,820			3,717			4,529	1,887	1,699	1,398				
Departures (quarterly).....do.....	10,265	11,639	2,736			2,801			3,337	1,634	1,540	1,214				
Arrivals (quarterly).....do.....	8,318	10,239	2,539			2,440			2,831	1,181	1,379	1,173				
Passports issued.....do.....	14,109	15,872	3,04	326	378	467	482	408	421	335	339	263	235	233	223	
National parks, recreation visits # #.....do.....																
	52,749	55,782	1,895	1,407	1,563	2,272	2,925	4,677	7,790	10,859	9,871	6,277	4,737	2,241	1,304	

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

TRANSPORTATION AND COMMUNICATION—Continued

COMMUNICATION																
Telephone carriers: ◊																
Operating revenues #	mil. \$.	73,897	74,657	18,900												
Station revenues	do	31,218	31,669	7,953												
Tolls, message	do	8,536	9,171	2,312												
Operating expenses (excluding taxes)	do	48,553	50,384	13,139												
Net operating income (after taxes)	do	13,140	13,370	3,164												
Access lines	mil.			113.2												

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al ₂ O ₃) ‡	thous. sh. tons	1,213	1,264	1,109	102	101	107	100	108	118	110	121	108	96	98	104
Chlorine gas (100% Cl ₂) ‡	do	10,442	11,019	9,889	908	907	974	953	910	904	922	951	960	987	966	967
Hydrochloric acid (100% HCl) ‡	do	2,392	2,869	2,377	214	221	226	233	187	183	181	232	232	205	221	231
Phosphorus, elemental ‡	do	364	344	31	30	30	30	30	30	30	28	27	29	29	29	30
Sodium hydroxide (100% NaOH) ‡	do	11,405	11,436	1,033	939	946	1,031	1,022	851	845	872	999	1,033	1,038	1,022	1,012
Sodium silicate, anhydrous ‡	do	791	952	82	85	59	63	62	57	74	65	71	76	70	76	66
Sodium sulfate, anhydrous ‡	do	841	813	71	60	65	69	69	70	68	60	68	67	63	65	65
Sodium tripolyphosphate (100% Na ₃ P ₃ O ₁₀) ‡	do	617	586	42	41	48	54	53	47	49	39	41	36	51	47	45
Titanium dioxide (composite and pure) ‡	do	924	968	79	83	81	86	88	92	84	85	84	88	78	86	90
Sulfur, native (Frasch) and recovered:																
Production	thous. met. tons	9,862	9,363	787	796	754	815	777	779	773	769	805	762	836	816	923
Stocks (producers') end of period	do	2,748	2,316	2,316	2,250	2,133	1,963	1,894	1,750	1,580	1,536	1,490	1,368	1,324	1,210	1,107
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡	thous. sh. tons	14,487	16,095	14,444	1,409	1,304	1,455	1,475	1,513	1,395	1,443	1,388	1,289	1,346	1,400	1,529
Ammonium nitrate, original solution ‡	do	6,091	6,547	6,066	582	589	652	648	635	560	574	565	515	587	621	660
Ammonium sulfate ‡	do	2,080	2,189	181	181	191	200	187	210	172	188	190	188	213	207	210
Nitric acid (100% HNO ₃) ‡	do	6,736	7,225	674	658	650	736	710	690	623	631	630	570	627	654	710
Nitrogen solutions (100% N) ‡	do	2,275	2,385	221	251	231	253	235	231	227	246	251	240	272	278	304
Phosphoric acid (100% P ₂ O ₅) ‡	do	9,578	10,685	937	940	978	1,017	1,015	972	902	958	971	945	1,004	961	1,054
Sulfuric acid (100% H ₂ SO ₄) ‡	do	35,993	39,235	3,622	3,425	3,366	3,591	3,637	3,590	3,376	3,510	3,549	3,441	3,673	3,675	3,926
Superphosphate and other phosphatic fertilizers (gross weight):																
Production	thous. sh. tons	12,710	15,674	1,337	1,351	1,370	1,392	1,385	1,277	1,223	1,339	1,436	1,378	1,588	1,515	1,608
Stocks, end of period	do	775	704	704	750	762	581	620	780	690	726	728	570	602	749	886
Potash, sales (K ₂ O)	do	5,521	6,204	577	699	422	436	688	536	392	280	467	347	438	447	
Imports:																
Ammonium nitrate	do	561	307	14	30	26	27	35	21	19	19	18	15	18	18	49
Ammonium sulfate	do	291	285	17	64	22	44	42	24	9	32	15	26	14	44	35
Potassium chloride	do	7,536	7,290	856	698	692	912	952	589	380	334	564	509	599	646	615
Sodium nitrate	do	118	102	6	(?)	7	12	42	19	10	7	16	17	5	(?)	9
Industrial Gases ‡																
Production:																
Acetylene	mil. cu. ft.	4,971	5,284	422	379	382	424	488	389	324	354	462	533	628	559	
Hydrogen (high and low purity)	do	136,478	149,217	13,132	12,408	12,212	11,824	12,152	13,215	12,724	12,389	11,738	11,077	11,022	11,887	
Nitrogen (high and low purity)	do	677,474	675,843	57,784	60,587	58,894	61,298	58,205	60,681	57,286	62,210	60,754	53,901	60,566	58,838	
Oxygen (high and low purity)	do	383,267	402,644	36,186	37,074	35,147	37,469	36,474	38,863	36,002	37,856	38,156	36,676	37,603	37,307	
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin)	mil. lb.	30.5	24.1	5.4			6.8			6.5			4.8			4.3
Ethyl acetate	do	198.1	214.0	44.3			47.0			48.0			87.2			71.6
Formaldehyde (37% HCHO)	do	5,549.4	5,733.2	1,552.6			1,651.1			1,650.0			1,668.3			1,733.5
Glycerin, refined, all grades	do	295.0	276.4	22.3	24.0	23.3	24.9	24.2	24.8	22.0	25.5	20.8	21.9	24.8	26.0	19.4
Methanol, synthetic	mil. gal.	1,085.1	1,135.1	278.0			272.0			253.2			271.8			315.6
Phthalic anhydride	mil. lb.	863.1	1,035.2	253.1			270.4			284.4			294.6			291.8
ALCOHOL																
Ethyl alcohol and spirits:																
Production	mil. tax gal.	645.4	730.3	66.9	62.6	61.2	64.2	60.7	69.8	61.2	65.9	62.8	61.2	69.7		
Stocks, end of period	do	47.5	43.4	43.4	47.7	47.4	36.4	39.5	34.7	31.3	40.5	38.6	28.4	35.9		
Denatured alcohol:																
Production	mil. wine gal.	408.6	442.5	49.3	36.5	36.5	44.0	36.9	43.5	40.1	33.4	38.5	36.2	36.1		
Consumption (withdrawals)	do	444.6	460.5	40.1	34.3	35.7	40.8	41.6	42.2	42.2	35.4	38.6	38.7	38.5		
For fuel use	do	226.7	208.3	17.9	14.3	14.3	15.5	19.0	21.0	20.3	17.3	19.0	19.0	18.2		
Stocks, end of period	do	23.8	9.7	9.7	10.2	11.5	11.4	7.6	11.1	8.6	7.4	10.9	8.7	7.5		

See footnotes at end of tables.

Table with 15 columns for years (1986-1989) and 1 row for 'CHEMICALS AND ALLIED PRODUCTS--Continued'. Rows include Production of phenolic resins, polyethylene, polypropylene, polystyrene, and paints/varnishes.

Table with 15 columns for years (1986-1989) and 1 row for 'ELECTRIC POWER AND GAS'. Rows include Electric power production (total, by fuels, by waterpower), sales to ultimate customers (commercial, residential, industrial), and gas production and sales.

Table with 15 columns for years (1986-1989) and 1 row for 'FOOD AND KINDRED PRODUCTS; TOBACCO'. Rows include Alcoholic beverages (beer, distilled spirits, whisky, wine), still wines, and distilling materials produced at wineries.

See footnotes at end of tables.

Units	Annual		1987 Dec.	1988												1989 Jan.
	1986	1987		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS																
Butter:																
Production (factory).....mil. lb.	1,202.4	1,104.1	108.5	124.7	117.1	116.4	111.7	107.9	91.7	75.9	74.2	83.0	92.2	92.2	111.2	
Stocks, cold storage, end of period.....do	193.0	143.2	143.2	157.3	198.8	221.1	239.8	282.5	294.7	295.7	290.0	247.6	237.3	226.3	*214.7	
Producer Price Index.....1982=100	98.3	95.3	91.9	*88.9	88.6	88.8	88.8	88.8	88.8	91.4	92.1	92.6	92.6	92.2	92.1	
Cheese:																
Production (factory), total.....mil. lb.	5,209.3	5,344.2	469.7	432.8	428.8	483.9	473.1	490.2	474.4	454.2	441.7	448.5	467.5	454.0	482.6	
American, whole milk.....do	2,798.2	2,716.7	282.6	225.8	221.0	244.6	251.8	258.7	245.2	235.9	213.7	210.1	224.1	214.1	242.1	
Stocks, cold storage, end of period.....do	693.6	457.1	457.1	*453.8	445.9	443.1	453.3	460.1	481.8	492.1	458.0	411.0	397.3	364.7	*388.1	
American, whole milk.....do	601.7	367.4	367.4	*363.6	357.5	354.1	360.6	366.7	382.4	384.7	348.1	304.5	289.9	258.5	*283.4	
Imports.....do	311.4	264.9	24.3	19.8	17.1	16.9	16.6	16.7	20.0	23.8	24.2	19.3	23.3	27.7	27.0	
Price, wholesale, cheddar, single daisies (Chicago).....\$ per lb.	1.575	(*)														
Condensed and evaporated milk:																
Production, case goods.....mil. lb.	584.4	579.7	56.2	44.2	41.6	53.0	54.4	51.3	54.5	44.8	47.9	46.6	41.4	40.4	38.4	
Stocks, manufacturers', case goods, end of period.....do	45.0	31.8	31.8	40.2	51.8	59.7	71.3	85.1	94.3	103.5	105.3	92.3	89.4	51.5	44.1	
Exports.....do	10.8	5.2	.2	.1	.6	.2	.2	.9	.6	.6	.4	1.4	.3	2.1	.3	
Fluid milk:																
Production on farms †.....do	121,433	121,094	10,038	10,205	9,740	10,647	10,593	11,041	10,480	10,513	10,283	9,890	10,117	9,791	10,233	
Utilization in manufactured dairy products.....do	82,596	81,740	6,851	6,881	6,847	7,552	*7,519	7,832	7,592	7,076	6,891	6,684	6,630	6,342	6,916	
Price, wholesale, U.S. average.....\$ per 100 lb.	12.50	12.54	12.70	12.50	12.30	11.90	11.60	11.40	11.30	11.40	11.80	12.40	13.00	13.40	*13.40	
Dry milk:																
Production:																
Dry whole milk.....mil. lb.	122.4	145.9	12.4	13.6	13.4	12.9	15.7	16.7	14.1	14.8	14.3	14.7	13.3	12.6	13.8	
Nonfat dry milk (human food).....do	1,284.1	1,059.0	90.0	83.8	85.8	95.8	102.6	104.1	104.6	79.5	66.6	60.1	56.0	56.0	73.4	
Stocks, manufacturers', end of period:																
Dry whole milk.....do	6.7	8.0	8.0	9.1	9.0	6.6	8.4	9.3	10.6	11.4	11.4	11.2	10.6	10.8	12.8	
Nonfat dry milk (human food).....do	57.9	65.1	65.1	56.9	63.5	56.2	70.8	74.1	67.7	71.3	53.3	44.4	49.9	39.1	45.1	
Exports, whole and nonfat (human food).....do	482.4	387.8	13.7	21.9	12.0	28.1	15.3	29.6	40.2	32.6	34.9	35.2	26.4	29.3	32.1	
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.810	.793	.780	.744	.738	.734	.734	.735	.740	.753	.770	.807	.826	.841	.849	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat).....mil. bu.	2,083.9	2,920.4	273.9	288.5	274.9	327.7	328.9	332.8	274.1	250.2	266.7	289.2	273.4	246.6	295.4	
Barley:																
Production (crop estimate).....do	*610.5	*529.5													**290.5	
Stocks (domestic), end of period, total.....do	*924.8	*935.6						*321.3			**450.7				375.7	
On farms.....do	*199.3	*193.9						*193.1			**239.2				182.8	
Off farms.....do	*125.6	*141.7						*128.2			**211.5				192.9	
Exports, including malt \$.....do	75.9	143.0	16.1	9.8	7.2	15.8	9.0	5.0	12.4	11.7	2.5	8.8	2.2	3.1	15.4	
Producer Price Index, No. 2 feed, Minneapolis.....1982=100	74.6	**85.7	91.4	*89.3	89.3	97.7	106.6	102.4	125.4	122.8	104.5	138.7	120.2	117.5	110.2	
Corn:																
Production (crop estimate, grain only).....mil. bu.	*8,249.9	*9,064.1													**4,921.2	
Stocks (domestic), end of period, total.....do	*10,305.5	*9,771.0			7,635.6			*5,835.5			**4,259.1				7,070.9	
On farms.....do	*7,795.5	*6,100.0			4,421.0			*3,241.0			**2,002.8				4,280.2	
Off farms.....do	*3,510.0	*3,671.0			3,214.6			*2,594.5			**2,256.3				2,790.7	
Exports, including meal and flour.....do	1,064.7	1,606.7	148.8	133.5	123.7	163.9	166.8	179.4	132.9	122.5	151.8	153.7	173.9	149.2	172.6	
Producer Price Index, No. 2, Chi- cago.....1982=100	83.5	67.7	75.7	*73.3	80.8	80.2	80.1	81.3	102.4	115.5	113.4	112.3	114.4	104.2	106.4	
Oats:																
Production (crop estimate).....mil. bu.	*386.4	*374.0													**218.8	
Stocks (domestic), end of period, total.....do	*183.7	*132.7						*112.0								
On farms.....do	*147.2	*103.3						*76.9								
Off farms.....do	*36.5	*29.4						*35.1								
Exports, including oatmeal.....do	3.9	2.1	(*)	.2	.2	.1	.2	.3	.4	.1	.2	.1	.1	.2	.1	
Producer Price Index, No. 2, Minneapolis 1982=100	69.3	**92.5	106.2	*107.0	110.7	103.0	94.3	116.0	162.5	159.8	165.6	163.8	131.3	143.2	142.6	
Rice:																
Production (crop estimate).....mil. bags #.	*133.4	*129.6													**159.5	
Southern States mills (Ark., La., Tenn., Tex.): Receipts, rough, from producers.....mil. lb.	10,201	9,533	774	648	600	420	278	258	277	163	457	2,567	2,063	640	614	
Shipments from mills, milled rice.....do	6,537	7,791	593	556	596	491	400	525	465	428	476	700	677	633	775	
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	3,046	2,689	2,689	2,614	2,496	2,310	2,145	1,826	1,577	1,233	1,108	1,370	2,529	2,397	2,011	
Exports.....do	5,111	5,247	349	409	299	411	333	486	278	373	*251	360	513	525	604	
Producer Price Index, medium grain, milled.....1982=100	91.2	83.3	104.5	*107.4	115.4	117.7	116.6	120.6	117.5	114.9	114.6	*111.9	106.7	108.4	104.5	
Rye:																
Production (crop estimate).....mil. bu.	*19.5	*19.3													**15.0	
Producer Price Index, No. 2, Minneapolis.....1982=100	57.0	54.7	55.7	*54.9	54.9	50.5	46.9	53.5	93.8	82.1	73.4	81.3	71.8	77.9	82.8	
Wheat:																
Production (crop estimate), total.....mil. bu.	*2,092	*2,108													**1,811	
Spring wheat.....do	*570	*542													**250	
Winter wheat.....do	*1,522	*1,566						*1,260.8			2,253.6				1,711.0	
Distribution, quarterly @.....do	2,076	2,294			586			*525.0			798.0				614.0	
Stocks (domestic), end of period, total.....do	*2,673.5	*2,500.6			1,923.5			*1,260.8			2,253.6				1,711.0	
On farms.....do	*1,063.0	*966.0			748.0			*525.0			798.0				614.0	
Off farms.....do	*1,610.5	*1,534.6			1,175.5			*735.8			1,455.6				1,097.0	
Exports, total, including flour.....do	939.0	1,168.1	114.0	145.0	143.8	148.0	153.4	148.1	128.4	115.8	112.1	126.4	96.8	94.1	106.8	
Wheat only.....do	883.7	1,106.7	109.8	137.9	141.7	147.3	151.6	146.1	121.5	110.0	106.5	124.3	91.2	90.7	99.8	

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
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	73.4	70.6	78.0	*78.8	82.6	75.1	79.1	76.8	93.6	93.9	93.3	101.7	105.3	103.6	105.2	110.1
Hard red spring, No. 1, ord. protein (Minn.) 1982=100	72.5	68.8	77.7	*76.5	83.8	75.5	79.6	81.6	104.0	97.9	102.6	104.0	106.2	102.7	103.3	111.5
Wheat flour:																
Production:																
Flour.....thous. sacks (100 lb.)	326,316	338,484	27,706	26,199	25,601	26,498	25,660	28,944	28,173	28,251	31,167	29,133	31,058	30,858	27,979	.....
Millfeed.....thous. sh. tons	5,799	6,135	494	473	460	476	453	515	500	502	556	580	552	561	553	.....
Grindings of wheat.....thous. bu.	737,537	760,459	61,925	58,833	57,590	60,371	57,583	64,858	62,961	63,002	69,182	65,226	69,172	68,846	62,632	.....
Stocks held by mills, end of period																
thous. sacks (100 lb.)	5,228	5,858	5,858	5,719	5,719	5,719	5,719	5,719	5,205	5,205	5,640	5,640	5,640	5,126	5,126	.....
Exports	23,741	26,367	1,779	3,057	883	273	782	831	2,941	2,490	2,385	689	2,411	1,447	2,991	.....
Producer Price Index.....6/83=100	91.4	89.7	90.0	91.2	94.4	90.6	93.5	93.9	107.0	107.0	107.7	*110.0	111.1	109.0	109.1	110.8
POULTRY AND EGGS																
Poultry:																
Slaughter (federally inspected):																
Calves.....mil. lb.	18,039	*19,886	1,694	1,618	1,618	1,779	1,648	1,759	1,831	1,600	1,847	1,792	1,750	*1,672	1,602	.....
Stocks, cold storage (frozen), end of period,																
total.....mil. lb.	369	501	501	*489	562	594	628	639	674	719	739	770	793	510	*451	454
Turkeys.....do	178	282	282	*282	335	353	384	422	467	507	562	583	585	304	*250	257
Price, in Georgia producing area,																
live broilers.....\$ per lb.	.325	.265	.220	.245	.230	.250	.255	.315	.340	.425	.410	.390	.350	.325	.335	.340
Eggs:																
Production on farms.....mil. cases \$..																
Stocks, cold storage, end of period:	190.0	193.2	16.8	16.8	15.7	16.8	16.0	16.2	15.5	15.9	16.0	15.5	16.2	15.8	16.2	15.9
Shell.....thous. cases \$..	22	43	43	67	53	67	14	21	30	23	25	23	24	26	*9	18
Frozen.....mil. lb.	13	17	17	18	18	14	17	20	25	23	25	22	20	18	20	19
Price, wholesale, large (delivered; Chicago)																
\$ per doz.	.681	.579	.521	.512	.489	.536	.479	.471	.528	.698	.654	.714	.681	.622	.661	.678
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals..	3,195	2,679	242	205	203	216	169	171	204	207	227	207	197	202	203	196
Cattle.....do	35,913	34,468	2,793	*2,836	2,679	2,812	2,707	2,830	2,983	2,897	3,120	2,927	2,871	2,698	2,685	2,711
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb..																
Steers, stocker and feeder	57.74	64.60	63.93	65.00	68.31	71.53	72.71	75.15	70.58	65.96	67.08	67.71	69.13	70.07	71.21	72.35
(Kansas City).....do	60.33	71.32	73.69	80.26	81.64	83.12	82.61	78.99	70.77	74.14	79.45	79.89	82.99	81.31	80.99	82.02
Calves, wealers (So. St. Paul).....dollars \$.	59.92	78.92	83.00	86.88	87.50	87.50	96.41	97.66	100.88	77.50	*202.44	213.75	230.88	225.63	230.25	
Hogs:																
Slaughter (federally inspected).....thous. animals..																
Prices:	77,290	78,913	7,583	6,803	6,519	7,505	6,929	6,713	6,715	6,199	7,101	7,534	7,887	7,908	7,703	7,116
Wholesale, average, all weights (Sioux City)																
\$ per 100 lb.																
Hog-corn price ratio (bu. of corn equal in	50.73	47.11	41.56	44.59	47.45	43.19	42.28	47.75	48.26	45.60	45.98	41.28	38.92	36.52	40.58	41.64
value to 100 lb. live hog).....	26.1	33.6	23.4	24.3	25.0	22.7	22.3	23.7	19.5	16.2	16.9	15.7	15.0	14.4	*15.7	16.2
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals..																
Price, wholesale, lambs, average (Omaha)	5,464	5,042	439	380	408	535	388	414	413	387	442	452	437	418	447	418
\$ per 100 lb.	67.54	75.77	72.44	78.17	79.38	79.50	(*)	75.17	58.80	57.55	54.90	58.35	60.44	61.90	64.75	66.25
MEATS																
Total meats (excluding lard):																
Production.....mil. lb.																
Stocks, cold storage, end of period.....do	39,050	38,442	3,378	*3,245	3,070	3,354	3,158	3,206	3,317	3,170	3,505	3,462	3,510	3,397	3,358	3,265
Exports (meats and meat pre-	564	623	623	*665	693	716	758	720	669	666	630	646	664	704	*716	747
parations).....do	1,722	2,017	181	159	153	165	179	191	198	205	*231	219	225	227	231	.....
Imports (meats and meat pre-	2,544	2,755	156	290	238	280	247	230	276	219	252	200	194	196	163	.....
parations).....do																
Beef and veal:																
Production, total.....do																
Stocks, cold storage, end of period.....do	24,722	23,821	1,960	*1,978	1,860	1,958	1,870	1,948	2,058	2,013	2,197	2,075	2,040	1,908	1,904	1,928
Exports.....do	318	293	293	*321	332	317	309	278	251	269	294	311	300	305	*323	324
Imports.....do	884	868	72	65	60	68	72	73	74	81	99	97	100	101	88	.....
Imports.....do	1,505	1,599	65	198	134	168	154	135	178	127	159	116	106	110	75	.....
Price, wholesale, beef, fresh steer carcasses,																
choice (600-700 lbs.)	.890	.972	.945	.972	.995	1.035	1.052	1.117	1.064	.971	1.010	1.032	1.044	1.047	1.062	1.073
(Central U.S.).....\$ per lb.																
Lamb and mutton:																
Production, total.....mil. lb.																
Stocks, cold storage, end of period.....do	390	310	28	24	26	35	26	27	27	24	28	28	28	27	29	27
Exports.....do	13	8	8	8	8	7	8	8	9	9	7	7	6	6	7	7
Pork (excluding lard):																
Production, total.....do																
Stocks, cold storage, end of period.....do	13,998	14,312	1,390	1,244	1,183	1,360	1,263	1,231	1,232	1,133	1,231	1,359	1,442	1,462	1,424	1,310
Exports.....do	197	285	285	*291	308	346	396	389	363	337	287	288	321	364	*358	379
Imports.....do	133	155	22	14	16	15	22	26	37	33	37	27	34	33	30	.....
Imports.....do	928	1,017	80	77	90	97	81	82	85	80	81	72	76	71	75	.....
Prices:																
Producer Price Index, Hams, smoked																
1982=100	102.0	104.2	117.7	*101.8	99.6	99.6	93.4	91.8	92.0	91.4	92.4	94.5	98.4	99.1	100.2	(*)
Fresh loins, 8-14 lb. average,																
wholesale (N.Y.).....\$ per lb.	1.285	1.265	1.042	1.245	1.150	1.098	1.142	1.298	1.315	1.259	1.277	1.215	1.071	.996	1.132	(*)
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans, imports																
(including shells).....thous. lg. tons..	201.5	258.5	43.9	27.0	30.0	26.7	18.3	14.7	21.0	14.4	19.5	8.8	8.6	13.5	30.5	.....
Coffee:																
Imports, total.....thous. bags \$..																
From Brazil.....do	19,483	19,906	1,056	1,175	1,683	1,426	1,179	1,141	832	1,543	1,621	1,238	1,272	1,195	1,027	.....
U.S. Import Price Index \$.....1985=100	2,200	3,923	161	357	373	276	315	283	250	375	512	438	642	203	240	.....
	132.5	81.6	85.5	.....	.....	*92.8	.....	.....	92.2	.....	88.7	.....	.....	89.4	.....
Fish:																
Stocks, cold storage, end of period.....mil. lb.																
	340	421	421	419	395	372	381	367	384	376	407	406	421	404	*415	*393

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.

MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar:																
Exports, raw and refined.....sh. tons..	454,394	617,947	40,787	11,435	25,483	14,325	24,716	9,373	45,883	39,671	31,171	25,371	42,134	18,536	678,530	
Imports, raw and refined.....thous. sh. tons..	1,913	1,275	51	78	104	78	84	106	68	123	159	109	181	99	148	
Producer Price Indexes:																
Raw (cane).....1982=100..	104.9	110.3	109.7	*109.7	111.4	111.4	111.9	111.8	112.7	118.0	111.8	111.6	110.7	110.2	112.0	111.0
Refined.....do.....	103.3	106.4	106.5	*105.7	107.0	106.7	107.2	106.6	106.9	108.2	110.0	*109.9	111.5	112.0	112.8	113.2
Tea, imports.....thous. lb..	197,963	170,616	11,480	14,377	15,800	17,770	19,962	18,596	19,386	17,609	17,356	12,918	12,433	14,974	17,547	
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb..	*1,164	*1,191														*1,348
Stocks, dealers' and manufacturers, end of period.....do.....	4,979	4,471	4,471			4,176			3,792			3,925				
Exports, incl. scrap and stems.....thous. lb..	466,630	425,896	64,342	72,022	37,692	43,364	56,740	34,933	22,778	26,025	24,651	31,480	32,641	46,046	45,388	
Imports, incl. scrap and stems.....do.....	457,658	489,861	33,135	33,369	28,984	40,392	43,969	40,121	41,363	43,354	42,543	44,983	35,469	26,936	11,569	
Manufactured products:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions..	74,301	111,199	9,511	8,728	10,311	10,195	9,286	10,316	12,526	9,164	11,664	11,682	11,333			
Taxable.....do.....	583,020	576,998	48,508	32,441	46,100	55,291	44,825	51,609	52,699	31,416	34,373	51,941	46,871			
Cigars (large), taxable.....do.....	2,909	2,675	209	145	185	214	188	216	251	173	224	237	208			
Exports, cigarettes.....do.....	63,945	100,246	8,985	7,583	9,500	9,478	9,058	10,110	10,271	10,167	9,914	10,557	10,501	10,214	11,146	

LEATHER AND PRODUCTS

LEATHER																
Exports: Upper and lining leather.....thous. sq. ft..	160,888	194,152	14,677	16,033	18,481	18,430	14,647	19,273	17,623	15,023	13,967	21,022	22,556	15,835	22,519	
Producer Price Index, leather.....1982=100..	122.9	140.9	153.0	*158.0	160.1	171.1	175.1	176.4	165.0	165.7	168.2	*168.8	171.1	166.9	166.5	165.5
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs..	240,932	225,888	14,783	15,656	19,398	20,158	17,870	18,630	18,263	13,887	19,531	19,451	*19,403	19,505		
Shoes, sandals, and play shoes, except athletic.....thous. pairs..	175,656	162,323	11,431	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Slippers.....do.....	55,926	55,548	2,322	3,352	4,348	5,477	4,807	5,283	5,436	4,055	5,348	4,909	*5,181	6,156		
Athletic.....do.....	9,350	8,017	530	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Other footwear.....do.....	2,971	2,360	126	179	189	190	194	208	189	117	313	306	*204	210		
Exports.....do.....	10,277	14,713	1,236	1,278	1,603	1,903	1,495	1,369	1,443	1,661	1,432	1,635	1,483	1,652	1,438	
Producer Price Indexes:																
Men's leather upper, dress and casual																
1982=100..	107.2	111.4	115.6	*117.2	119.6	119.7	119.7	120.1	120.1	121.9	122.8	*123.2	122.7	123.3	124.9	125.2
Women's leather upper.....do.....																
1982=100..	104.3	107.2	109.0	*110.7	111.4	111.8	111.5	111.9	113.0	113.6	*113.3	113.5	114.2	114.1	114.3	114.3
Women's plastic upper.....do.....																
1982=100..	106.6	104.9	107.2	*107.4	107.4	107.2	107.2	107.3	107.2	107.2	107.3	107.7	107.4	108.4	109.4	109.6

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total.....mil. bd. ft..	*42,676	*46,053	3,829	3,814	4,042	4,339	4,247	4,245	4,137	3,671	*4,056	4,180	4,040			
Hardwoods.....do.....	*7,403	*3,143	998	955	951	1,093	1,013	1,030	1,099	958	*1,158	1,003	778			
Softwoods.....do.....	*35,273	*37,910	2,831	2,859	3,091	3,296	3,234	3,215	3,038	2,713	*2,898	3,177	3,262			
Shipments, total.....do.....	*42,618	*47,090	3,365	3,790	4,092	4,320	4,257	4,261	4,309	3,688	*3,923	4,038	3,871			
Hardwoods.....do.....	*7,486	*9,045	1,023	1,025	1,084	1,068	987	1,001	1,037	898	*1,117	921	737			
Softwoods.....do.....	*35,132	*38,045	2,342	2,765	3,008	3,252	3,290	3,260	3,272	2,790	*2,812	3,117	3,134			
Stocks (gross), mill, end of period, total.....do.....	6,549	6,183	6,183	6,251	6,282	6,341	6,302	6,257								
Hardwoods.....do.....	1,509	1,412	1,412	1,384	1,332	1,347	1,363	1,363								
Softwoods.....do.....	5,040	4,771	4,771	4,867	4,950	4,994	4,939	4,894	4,685	4,677	4,765	4,823	4,951			
Exports, total sawmill products.....do.....																
Imports, total sawmill products.....do.....	14,607	15,217	1,146	991	1,134	1,338	1,186	1,259	1,406	1,222	1,186	1,206	1,217	1,142	928	
SOFTWOODS																
Douglas fir:																
Orders, new.....mil. bd. ft..	9,570	10,325	725	766	741	898	786	817	844	599	721	896	795	651	897	
Orders, unfilled, end of period.....do.....	668	548	543	619	573	633	620	619	626	541	553	622	611	553	636	
Production.....do.....	9,412	10,354	688	728	822	839	818	834	734	668	751	840	840	732	733	
Shipments.....do.....	9,430	10,445	732	695	737	738	849	818	837	684	709	827	806	709	814	
Stocks (gross), mill, end of period.....do.....	851	790	790	823	858	909	873	894	791	775	817	830	864	887	856	
Exports, total sawmill products.....do.....	522	684	62	55	61	65	91	77	76	91	87	84	83	51	84	
Sawed timber.....do.....	105	138	13	7	10	8	25	12	11	14	13	10	11	14	99	
Boards, planks, scantlings, etc.....do.....	417	546	49	48	51	57	66	65	65	76	75	74	72	64	75	
Producer Price Index, Douglas fir, dressed 1982=100..	124.5	125.1	127.7	*129.8	130.9	131.6	134.2	132.0	135.7	140.6	138.6	142.7	140.5	138.7	133.0	135.9

See footnotes at end of tables.

Units	Annual		1987	1988												1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
	Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986																
LUMBER AND PRODUCTS—Continued																	
SOFTWOODS—Continued																	
Southern pine:																	
Orders, new.....mil. bd. ft.	'11,593	'12,575	1,024	843	985	1,090	1,063	1,155	1,116	867	'1,042	1,109	1,133				
Orders, unfilled, end of period.....do	710	835	835	894	933	789	576	832	799	658	694	717	772				
Production.....do	'11,678	'12,437	994	938	966	1,124	1,085	1,081	1,127	1,033	'1,042	1,056	1,089				
Shipments.....do	'11,562	'12,450	947	909	946	1,113	1,073	1,101	1,149	1,012	'999	1,087	1,078				
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	2,010	1,997	1,997	2,026	2,046	2,056	2,068	2,049	2,024	2,045	2,086	2,057	2,068				
Exports, total sawmill products.....thous. bd. ft.	187,258	263,166	29,668	30,745	27,715	38,503	33,770	37,449	38,499	32,083	44,539	52,193	52,585	68,603	72,739		
Producer Price Index, southern pine, dressed.....1982=100	104.9	114.1	115.9	*118.1	119.6	118.4	118.6	115.7	115.2	114.9	106.3	101.6	102.7	108.8	109.4	110.1	
Western pine:																	
Orders, new.....mil. bd. ft.	10,500	11,427	889	979	961	1,026	987	1,032	901	705	790	897	925	819	955		
Orders, unfilled, end of period.....do	451	524	524	620	607	621	577	598	564	500	504	507	521	487	537		
Production.....do	10,482	11,407	881	899	997	1,011	999	968	839	714	787	940	982	897	885		
Shipments.....do	10,482	11,354	869	883	974	1,012	1,031	1,011	935	769	786	894	911	853	905		
Stocks (gross), mill, end of period.....do	1,312	1,365	1,365	1,371	1,394	1,393	1,361	1,318	1,222	1,167	1,168	1,214	1,285	1,319	1,300		
Producer Price Index, other softwood, dressed.....1982=100	109.7	119.0	116.4	*116.1	116.9	120.0	120.9	121.3	124.2	126.4	123.1	119.9	118.0	116.3	115.8	117.3	
HARDWOOD FLOORING																	
Oak:																	
Orders, unfilled, end of period.....mil. bd. ft.	7.5	11.0	11.0	11.3	10.9	12.3	13.4	11.8	10.2	10.1	8.6	8.6	10.3	10.2	8.9		
Shipments.....do	145.3	173.9	12.2	15.0	15.2	18.1	15.9	16.9	19.2	18.0	16.3	16.4	16.3	14.9	15.3		
Stocks (gross), mill, end of period.....do	7.4	8.7	8.7	8.9	9.6	8.9	9.6	10.0	10.1	10.4	10.5	10.5	10.9	11.3	10.9		

METALS AND MANUFACTURES

IRON AND STEEL																	
Exports:																	
Steel mill products.....thous. sh. tons	929	1,129	110	89	100	114	116	124	126	128	139	207	244	243	437		
Scrap.....do	11,704	10,367	1,009	649	630	724	903	1,006	1,288	815	799	935	579	806	964		
Pig iron.....do	47	50	2	15		3	18	10	(*)	2	2	17	2	1	1		
Imports:																	
Steel mill products.....do	20,698	20,414	1,728	1,810	1,916	1,844	1,533	1,936	1,979	1,614	1,783	1,648	1,553	1,346	1,420		
Scrap.....do	724	843	125	89	86	69	102	39	65	66	90	136	94	124	77		
Pig iron.....do	295	355	54	136	54	11	77	67	84	12	45	25	99	74	16		
Iron and Steel Scrap																	
Production.....thous. sh. tons	26,333	24,730	2,130	2,138	2,331	2,422	2,247	2,328	2,219	2,177	2,252	*2,296	2,346				
Receipts, net.....do	37,923	46,105	4,335	4,558	4,153	4,404	4,210	4,431	4,169	3,987	4,254	*4,256	4,371				
Consumption.....do	65,856	69,615	6,247	6,988	6,331	6,660	6,407	6,627	6,277	6,102	6,379	*6,553	6,580				
Stocks, end of period.....do	4,344	4,821	4,821	4,487	4,623	4,731	4,653	4,708	4,691	4,549	4,657	*4,640	4,767				
Composite price, No. 1 heavy melting scrap: American Metal Market *.....\$ per long ton	74.17	85.76	101.37	99.72	114.55	113.93	109.60	104.63	102.52	111.67	113.26	110.67	110.81	109.17	107.28		
Ore																	
Iron ore (operations in all U.S. districts):																	
Mine production.....thous. lg. tons	38,825	46,894	4,508	4,083	4,278	4,249	4,718	4,941	4,273	5,015	5,071	4,745	4,833	4,631			
Shipments from mines.....do	'41,327	47,257	5,461	2,289	1,327	1,153	5,232	5,826	5,723	6,329	5,704	5,463	4,287	4,813			
Imports.....do	16,749	16,601	1,415	1,467	986	900	1,646	1,588	1,974	2,305	1,837	2,497	1,409	1,419	1,782		
U.S. and foreign ores and ore agglomerates:																	
Receipts at iron and steel plants.....do	51,307	58,596	6,598	4,559	2,714	2,952	6,053	6,673	6,673	7,115	7,129	6,798	6,568	6,248	7,053		
Consumption at iron and steel plants.....do	55,283	60,087	5,765	5,751	5,504	5,903	5,707	6,118	5,641	5,998	5,549	5,729	5,915	5,606	5,871		
Exports (domestic).....do	6,501	6,121	644	223	27	84	548	363	677	674	423	358	564	476	785		
Stocks, total, end of period.....do	22,133	20,944	20,944	21,334	21,261	20,363	20,442	20,107	19,652	20,153	21,135	22,567	22,495	22,346			
At mines.....do	3,255	2,616	2,616	4,410	7,351	10,398	9,834	8,949	7,496	6,226	5,593	5,238	4,287	4,105			
At furnace yards.....do	17,163	16,304	16,304	14,980	12,190	9,239	9,585	10,136	11,119	12,265	13,843	15,211	15,920	16,620			
At U.S. docks.....do	1,987	2,024	2,024	1,944	1,720	726	1,023	1,022	1,037	1,662	1,699	2,068	2,288	2,121			
Manganese (manganese content), general imports.....do	883	801	101	85	64	96	128	63	118	95	74	82	77	110	117		
Pig Iron and Iron Products																	
Pig iron:																	
Production (including production of ferroalloys).....thous. sh. tons	43,952	'48,137	4,447	4,683	4,443	4,842	4,699	4,932	4,497	4,762	4,584	4,612	4,646	4,455	4,712	4,969	
Consumption.....do	'41,789	'49,875	4,321	4,472	4,647	4,939	4,706	4,996	4,712	4,884	4,687	*4,759	4,786				
Stocks, end of period.....do	226	281	281	240	225	228	250	222	236	229	247	*241	242				
Castings, gray and ductile iron:																	
Shipments, total.....thous. sh. tons	3,333	3,606	630	601	650	771	731	788	765	605	748	744	805	696			
For sale.....do	5,536	6,002	444	325	435	497	498	543	516	443	533	504	516	496			
Castings, malleable iron:																	
Shipments, total.....do	320	318	26	31	30	42	34	32	34	21	27	31	31	23			
For sale.....do	154	168	14	18	17	23	19	17	18	10	15	16	15	10			

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

METALS AND MANUFACTURES—Continued

Steel, Raw and Semifinished																
Steel (raw):																
Production.....thous. sh. tons..	81,806	¹ 89,151	7,916	8,380	7,984	8,768	8,898	8,892	8,081	8,813	8,181	8,287	8,382	7,888	7,954	8,929
Rate of capability utilization.....percent..	63.8	79.5	82.8	83.1	89.7	92.2	91.4	98.1	87.4	88.0	86.6	90.1	87.7	85.8	83.8	88.2
Steel castings:																
Shipments, total.....thous. sh. tons..	829	880	77	62	72	86	77	85	82	77	92	99	94	91	.....	.....
For sale, total.....do.....	799	797	75	61	71	84	75	88	81	76	90	98	98	90	.....	.....
Steel Mill Products																
Steel products, net shipments:																
Total (all grades).....thous. sh. tons..	¹ 70,268	76,654	6,977	6,608	6,848	7,693	7,082	7,187	7,422	6,325	7,035	6,922	6,912	6,712	6,788	.....
By product:																
Semifinished products.....do.....	4,954	¹ 5,456	525	569	515	512	497	502	497	441	521	486	490	453	468	.....
Structural shapes (heavy), steel piling.....do.....	¹ 4,528	5,120	446	445	470	486	448	475	488	381	432	458	422	411	387	.....
Plates.....do.....	8,565	4,048	429	598	608	689	620	692	686	600	625	627	577	² 549	387	.....
Rails and accessories.....do.....	640	515	40	38	42	43	45	45	43	41	47	45	39	42	36	.....
Bars and tool steel, total.....do.....	12,171	¹ 18,875	1,082	1,080	1,187	1,246	1,188	1,285	1,248	1,148	1,304	1,167	1,208	1,185	1,121	.....
Bars: Hot rolled (including light shapes).....do.....	6,559	7,288	582	581	742	714	650	691	711	616	745	697	657	664	598	.....
Bars: Reinforcing.....do.....	4,299	¹ 4,918	885	923	329	890	895	418	410	418	432	411	424	404	418	.....
Bars: Cold finished.....do.....	1,267	1,361	110	121	111	136	133	120	121	104	122	118	116	111	108	.....
Pipe and tubing.....do.....	2,886	3,570	359	368	365	457	489	411	417	350	386	319	321	291	302	.....
Wire and wire products.....do.....	1,080	1,105	75	88	94	108	106	98	109	94	92	87	92	88	87	.....
Tin mill products.....do.....	8,802	8,988	435	260	274	384	353	342	376	321	355	322	323	321	489	.....
Sheets and strip (including electrical), total.....do.....	36,686	39,279	3,586	3,220	3,295	3,823	3,895	3,452	3,614	2,955	3,322	3,416	3,445	³ 3,384	3,360	.....
Sheets: Hot rolled.....do.....	¹ 12,167	13,048	1,288	1,009	1,088	1,284	1,056	1,065	1,110	947	988	1,044	1,032	1,042	1,099	.....
Sheets: Cold rolled.....do.....	¹ 13,250	18,859	1,245	1,127	1,141	1,306	1,181	1,190	1,243	1,018	1,117	1,149	1,159	1,129	1,072	.....
By market (quarterly):																
Service centers and distributors.....do.....	¹ 15,251	¹ 18,629	5,291	.....	.....	5,185	.....	.....	5,090	.....	4,537	² 1,455	² 1,423	² 1,376	.....	.....
Construction, incl. maintenance.....do.....	¹ 5,141	5,619	1,470	.....	.....	1,498	.....	.....	1,559	.....	1,460	² 496	² 502	² 461	.....	.....
Contractors' products.....do.....	² 2,559	2,701	807	.....	.....	740	.....	.....	714	.....	691	² 288	² 229	² 217	.....	.....
Automotive.....do.....	¹ 9,871	¹ 11,135	2,765	.....	.....	2,910	.....	.....	3,193	.....	2,901	² 1,104	² 1,068	² 915	.....	.....
Rail transportation.....do.....	¹ 674	784	218	.....	.....	287	.....	.....	346	.....	176	² 86	² 95	² 95	.....	.....
Machinery, industrial equip., tools.....do.....	¹ 1,323	2,096	568	.....	.....	656	.....	.....	648	.....	598	² 211	² 210	² 188	.....	.....
Containers, packaging, ship. materials.....do.....	4,075	4,371	1,158	.....	.....	990	.....	.....	1,146	.....	1,121	² 845	² 335	² 486	.....	.....
Other.....do.....	² 28,367	³ 31,387	8,892	.....	.....	8,745	.....	.....	9,008	.....	8,790	² 2,977	² 2,850	² 3,000	.....	.....
Producing steel mills, inventory, end of period:																
Total.....mil. sh. tons..	13.2	11.3	11.3	11.9	12.1	11.8	12.0	12.5	11.9	12.9	12.6	12.7	12.9	12.9	.....	.....
Steel in process.....do.....	7.3	6.7	6.7	7.1	7.1	6.9	7.0	7.4	7.1	7.7	7.5	7.6	7.7	7.7	.....	.....
Finished steel.....do.....	5.9	4.6	4.6	4.8	5.0	4.9	5.0	5.1	4.8	5.2	5.1	5.1	5.2	5.2	.....	.....
Service centers (warehouses), inventory, end of period.....mil. sh. tons..	5.7	6.4	6.4	6.4	6.7	6.8	6.9	7.0	7.1	7.1	7.2	6.9	6.7	6.6	.....	.....
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores) thous. met. tons..	³ 3,037	3,343	316	320	304	330	324	336	323	334	333	327	339	332	.....	.....
Recovery from scrap.....do.....	1,739	1,847	145	149	155	175	166	157	158	160	170	167	177	163	.....	.....
Imports (general):																
Metal and alloys, crude.....do.....	1,468.4	1,978.0	101.6	111.6	101.4	115.6	98.1	101.5	88.8	87.7	88.2	101.8	90.3	90.4	60.6	.....
Plates, sheets, bars, etc.....do.....	495.3	452.3	37.2	36.0	36.4	49.7	34.4	32.9	35.9	44.8	31.4	32.9	32.7	² 31.4	29.6	.....
Exports:																
Metal and alloys, crude.....do.....	228.6	309.9	39.1	20.8	15.1	21.8	23.0	28.0	47.8	45.9	48.8	43.0	28.3	52.4	56.6	.....
Plates, sheets, bars, etc.....do.....	208.3	284.5	26.8	25.8	25.5	35.1	28.9	36.7	32.0	27.2	35.6	35.3	34.2	26.5	34.7	.....
Price, U.S. market, 99.7% purity, monthly average.....\$ per lb..	.5587	.7230	.8889	.8971	.9628	1.0709	1.0712	1.1448	1.2627	1.2225	1.2439	1.1198	1.0472	1.0735	1.1000	.....
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.).....mil. lb.	14,386	15,584	1,853	1,165	1,163	1,398	1,246	1,313	1,425	1,271	1,354	1,365	1,311	.....	.....	.....
Mill products, total.....do.....	11,416	12,234	1,055	919	964	1,138	1,033	1,056	1,123	1,008	1,095	1,070	1,006	.....	.....	.....
Sheet and plate.....do.....	6,629	7,379	696	537	564	685	608	637	679	633	673	647	591	.....	.....	.....
Castings.....do.....	2,205	2,232	166	178	195	229	206	221	225	193	209	209	221	220	186	.....
Inventories, total (ingot, mill products, and scrap), end of period.....mil. lb.	4,928	4,175	4,175	4,344	4,401	4,388	4,423	4,388	4,258	4,272	4,213	4,221	4,175	.....	.....	.....
Copper:																
Production:																
Mine, recoverable copper.....thous. met. tons..	1,147.3	1,255.9	111.4	114.3	103.6	122.0	112.9	121.2	116.5	116.4	128.0	119.7	¹ 121.7	121.9	.....	.....
Refined from primary materials.....do.....	¹ 1,073.2	1,146.1	115.6	110.4	109.0	121.6	119.8	118.1	117.7	118.8	120.4	109.6	¹ 116.8	124.1	.....	.....
Electrolytically refined:																
From domestic ores @.....do.....	¹ 947.9	988.1	98.5	93.4	98.7	108.3	102.3	99.6	99.3	100.4	101.3	91.1	² 97.1	105.0	.....	.....
From foreign ores.....do.....	40.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electrowon.....do.....	125.4	158.0	17.1	17.0	15.3	18.3	17.5	18.6	18.3	18.4	19.1	18.5	19.7	19.2	.....	.....
Refined from scrap.....do.....	⁴ 406.2	414.7	37.1	34.5	35.6	43.2	36.9	37.2	36.9	29.7	37.1	39.3	² 36.0	37.6	.....	.....
Imports, unmanufactured (general):																
Refined, unrefined, scrap (copper cont.).....do.....	667.5	657.3	43.6	68.4	64.1	63.6	51.0	48.0	48.4	38.4	46.4	42.4	62.1	59.4	44.0	.....
Refined.....do.....	508.1	515.6	31.1	49.4	38.0	39.0	38.7	25.9	25.1	22.3	27.7	25.7	44.2	39.2	20.2	.....
Exports:																
Refined and scrap.....do.....	497.1	454.8	50.5	85.5	50.2	56.6	51.4	67.1	77.6	44.7	54.1	111.3	48.6	56.1	54.5	.....
Refined.....do.....	14.9	17.9	3.2	4.9	2.0	3.8	5.7	7.7	9.5	3.5	4.4	14.3	2.3	4.0	4.5	.....
Consumption, refined (reported by mills, etc.).....do.....	² 2,102	2,152	181	177	183	210	179	¹ 191	191	¹ 149	195	190	¹ 198	193	.....	.....
Stocks, refined, end of period.....do.....	² 225	173	113	122	185	137	135	115	92	105	102	89	² 84	84	.....	.....
Price, avg. U.S. producer cathode, delivered \$ per lb..	.6605	.8249	1.8832	1.8250	1.0752	1.0972	1.0364	1.0437	1.1428	1.1485	1.0145	1.1612	1.3805	1.5282	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986

Units	Annual		1987 Dec.	1988												1989 Jan.
	1986	1987		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products.....mil. lb.	2,318	2,624	617													
Copper wire mill products (copper content).....do	1,792	1,922	481													
Brass and bronze foundry products.....do	478	528	135													
Lead:																
Production:																
Mine, recoverable lead.....thous. met. tons	389.8	'811.3	'25.5	27.9	28.2	36.0	32.7	30.3	32.5	30.4	36.3	33.1	34.4	31.1		
Recovered from scrap (lead cont.).....do	'624.8	'710.2	55.1	52.2	57.5	60.1	55.9	52.2	59.4	55.3	56.3	60.7	61.8	61.6		
Imports (general), ore (lead content), metal.....do	108.4	240.3	27.1	21.2	21.9	26.4	22.2	20.8	8.7	25.3	21.7	23.3	21.3	28.5	19.1	
Consumption, total.....do	'1,125.5	'1,230.4	'100.1	96.0	96.4	115.4	98.8	104.3	108.1	91.6	100.9	101.7	'109.3	102.0		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons	74.0	59.2	59.2	57.0	59.9	53.9	59.0	57.8	60.8	58.9	73.0	79.9	70.8	68.7	66.9	
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons	20.0	21.6	21.6	21.8	26.6	25.3	26.7	24.1	15.0	14.7	6.0	4.6	10.6	11.9		
Consumers' (lead content).....do	88.8	88.6	67.7	70.2	60.7	58.9	59.3	55.6	59.4	63.3	58.6	62.2	'59.4	63.1		
Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons	19.4	24.0	24.0	22.6	17.0	17.7	17.3	16.2	16.3	16.4	19.9	23.7	21.8	19.6		
Price, common grade, delivered @ @.....\$ per lb.	2205	3594	4200	3800	3485	3400	3400	3457	3630	3650	3652	3841	3915	4188		
Tin:																
Imports (for consumption):																
Ore (tin content).....metric tons	4,080	2,967	294	400	128	121	395					1,105	448		130	
Metal, unwrought, unalloyed.....do	85,768	41,151	1,779	2,761	2,582	3,153	3,011	3,419	4,042	4,379	4,602	3,249	4,372	4,328	3,695	
Recovery from scrap, total (tin cont.).....do	7,248	'15,793	838	846	932	941	793	919	984	771	693	712	821	752		
As metal.....do	'714	'1,151	111	88	119	92	88	96	98	113	96	96	96	96		
Consumption, total.....do	50,100	'58,100	4,400	4,600	4,700	4,800	4,700	5,300	5,600	5,300	5,300	5,500	5,600	5,300		
Primary.....do	37,400	39,800	3,400	3,600	3,700	3,800	3,700	4,200	4,500	4,200	4,200	4,400	4,500	4,200		
Exports, incl. reexports (metal).....do	3,022	1,701	179	87	185	171	96	108	126	89	204	171	197	94	45	
Stocks, pig (industrial), end of period.....do	4,802	4,428	4,428	4,490	5,989	5,681	5,868	6,128	6,456	5,665	4,350	4,171	'4,371	4,906		
Price, Straits quality (delivered).....\$ per lb.	'3,691	4,187	4,277	4,269	4,195	4,240	4,229	4,250	4,384	4,461	4,577	4,630	'4,542	4,577		
Zinc:																
Mine prod., recoverable zinc.....thous. met. tons																
	217.0	'217.0	'18.5	16.8	18.2	22.3	21.9	22.0	22.4	18.8	21.5	19.9	19.9	19.9		
Imports (general):																
Ores (zinc content).....do	197.7	425.5	31.1	34.4	27.2	32.6	38.9	37.9	24.6	48.9	35.2	35.1	30.8	32.3	27.9	
Metal (slab, blocks).....do	667.1	705.9	63.4	53.2	48.6	71.7	66.4	84.5	57.3	55.8	4.6	61.2	63.9	64.2	47.4	
Consumption (recoverable zinc content):																
Ores.....do	21.9	2.5	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2		
Scrap, all types.....do	273.8	'308.5	27.4	26.1	28.1	22.5	22.8	22.0	22.0	22.0	22.0	22.0	22.0	22.0		
Slab zinc: @																
Production, total.....thous. met. tons	269.9	220.5	16.4	14.9	16.4	17.5	16.4	16.3	16.3	16.8	16.6	15.1	15.9	17.6	14.7	
Consumption, fabricators.....do	'706.0	'1,052.0	84.4	79.5	76.4	110.3	97.9	110.7	84.6	73.9	111.8	86.9	'97.5	95.0		
Exports.....do	1.9	1.1	.1	(?)	.1			(?)	(?)	(?)	.1	.2	.1	(?)	(?)	
Stocks, end of period:																
Producers', at smelter (ABMS).....do	15.5	7.0	7.0	6.6	4.4	4.5	3.4	4.3	4.5	6.0	7.5	9.4	6.3	5.4	5.6	
Consumers.....do	'54.2	'57.1	45.5	44.3	46.0	45.0	41.5	41.8	46.3	53.2	48.4	49.4	47.0	48.5		
Price, high grade.....\$ per lb.	3800	4192	4381	4444	4544	4790	5150	5604	6255	6564	6646	6826	6945	7125	7344	
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #.....mil. \$																
	148.2	'226.0	49.4			43.8			50.5							
Electric processing heating equipment.....do	65.5	54.9	10.8			18.2			15.7							
Fuel-fired processing heating equip.....do	82.6	'171.1	38.6			25.7			34.8							
Materials handling equipment, dollar value bookings index.....1982=100																
	175.5	207.1	222.1	149.5	213.1	172.0	204.9	203.1	243.7	210.6	188.2	211.3				
Industrial supplies, machinery and equipment: New orders index, seas. adjusted.....1977=100																
	119.1	128.7	140.1	142.5	140.4	135.5	134.5	138.2	133.4	133.5	135.4	134.9	141.0	142.7	146.5	
Industrial suppliers distribution: Sales index, seas. adjusted.....1977=100																
	145.0	149.1	147.8	153.5	155.0	162.0	161.3	155.5	159.1	162.4	176.2	179.7	170.1	166.7	167.6	
Inflation index, net seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.).....1977=100																
	164.7	166.6	169.0	168.9	168.0	170.2	171.3	171.9	172.1	172.3	173.4	173.9	174.2	174.8	176.0	
Fluid power products shipments indexes: Hydraulic products \$.....1985=100																
	98	107	101	119	126	137	134	127	137	116	134	132	134	125		
Pneumatic products \$.....do	98	105	108	108	120	136	118	117	122	112	125	124	125	118		
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total.....mil. \$	1,544.25	1,451.45	175.25	223.95	250.40	191.90	195.30	242.85	238.35	187.00	261.50	266.50	215.40	188.35	246.35	
Domestic.....do	1,376.55	1,294.45	154.80	205.75	217.95	174.15	146.45	205.65	210.65	167.55	179.30	252.95	199.25	164.60	191.45	
Shipments, total.....do	1,890.30	1,676.50	226.20	71.20	108.90	137.75	95.30	111.25	132.80	137.70	105.40	151.20	145.90	170.80	209.35	
Domestic.....do	1,684.70	1,498.85	208.90	61.60	97.00	123.95	82.20	100.25	116.00	126.15	98.00	133.50	123.35	156.70	186.40	
Order backlog, end of period.....do	897.2	672.2	672.2	825.0	966.4	1,020.6	1,120.6	1,252.2	1,357.8	1,410.0	1,566.2	1,681.4	1,751.0	1,768.5	'1,869.6	
Metal forming type tools:																
Orders, new (net), total.....do	581.05	667.35	67.15	73.55	47.65	62.55	57.70	81.85	144.45	67.95	78.00	61.70	46.85	90.65	70.05	
Domestic.....do	506.80	596.05	54.65	60.30	40.90	47.90	47.00	73.25	134.60	53.80	73.50	51.65	40.00	86.25	60.20	
Shipments, total.....do	685.20	647.15	62.20	72.15	57.55	63.95	62.10	66.45	81.25	53.00	48.55	76.35	66.25	86.75	83.15	
Domestic.....do	621.35	537.90	44.05	64.05	45.10	61.30	51.70	57.35	69.25	43.75	40.75	65.70	55.30	80.15	64.30	
Order backlog, end of period.....do	307.1	327.3	327.3	328.7	318.8	312.4	308.0	321.4	384.6	399.6	429.0	414.4	395.0	398.8	'400.2	

See footnotes at end of tables.

Units	Annual		1988													1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS: 1988															

METALS AND MANUFACTURES—Continued

MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly:																
Tracklaying (ex. shovel loaders).....units	8,440	9,668	2,332				2,809				3,150			2,895		
mil. \$	821.2	973.8	264.0				283.6				323.1			282.6		
Wheel (contractors' off-highway).....units	5,999	5,482				1,242				1,320				1,376		
mil. \$	421.9	415.5	103.5			98.9				106.5				115.2		
Shovel loaders †.....units	53,723	62,825	16,020			15,390				17,060				14,944		
mil. \$	1,679.0	1,819.5	499.6			508.9				554.3				508.1		
ELECTRICAL EQUIPMENT																
Batteries (auto.-type replacement), shipments.....thous.	60,306	59,878	5,418	5,524	4,194	4,606	4,081	4,122	4,988	4,733	5,733	6,757	6,463	6,041	6,203	
Radio sets, production, total market ††.....thous.	25,364	26,775	1,473	1,829	1,567	1,528	1,518	1,736	2,284	2,202	2,099	2,353	2,647			
Television sets (incl. combination models), production, total market ††.....thous.	22,985	23,497	2,232	1,544	1,810	1,909	1,710	1,582	1,931	1,485	1,853	2,567	1,958	1,838	2,329	
Household major appliances (electrical), factory shipments (domestic and export) #.....thous.																
Air conditioners (room).....do	49,980	47,888	3,835	3,549	3,724	3,955	3,895	3,949	4,463	3,824	3,150	3,963	3,975	3,983	3,679	3,947
Dishwashers.....do	2,816	3,798	170	199	324	702	686	647	535	405	198	111	129	126	215	352
Disposers (food waste).....do	3,918	4,032	331	307	298	308	334	325	330	312	349	355	336	355	318	326
Microwave ovens/ranges @.....do	4,459	4,438	326	361	360	361	306	324	386	345	364	369	387	381	343	391
Ranges.....do	12,444	12,610	1,181	957	950	761	778	697	789	746	770	1,031	1,123	1,224	1,161	1,054
Refrigerators.....do	3,310	3,346	255	235	244	251	253	244	260	252	287	270	302	287	262	245
Freezers.....do	1,222	1,260	86	91	89	82	108	112	126	156	152	128	110	99	94	93
Washers.....do	5,765	5,998	454	519	519	498	471	515	548	460	539	584	533	508	440	553
Dryers (incl. gas).....do	4,245	4,637	370	413	393	359	328	353	383	328	429	437	413	401	363	436
Vacuum cleaners (qtrly).....do	9,660	10,417	2,733			2,733			2,487			2,882			2,550	
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, warm air, shipments.....thous.	2,105	2,073	179	157	134	148	125	118	138	164	201	254	252	223	177	
Ranges, total, shipments.....do	1,940	2,143	197	159	169	171	163	168	176	162	193	132	203	191	191	
Water heaters (storage), automatic, shipments.....do	3,729	3,951	369	355	320	334	329	317	333	287	290	321	381	307	332	

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production †.....thous. sh. tons.	4,292	3,560	303	215	268	279	265	296	282	246	260	215	384	307	258	233
Exports.....do	1,460	1,181	21	42	27	48	58	54	52	78	97	195	104	55	96	
Producer Price Index.....1982=100	99.7	100.1	101.1	101.9	101.9	101.9	100.2	100.2	100.1	100.3	100.3	100.8	100.3	102.4	103.3	103.3
Bituminous:																
Production †.....thous. sh. tons.	886,023	915,202	79,246	75,325	76,757	83,943	75,324	73,981	76,443	69,176	88,175	83,196	83,964	86,054	83,100	81,717
Consumption, total †.....do	801,780	834,337	74,187	78,413	71,529	68,994	63,811	66,131	74,714	81,301	84,922	71,196	59,446	59,192		
Electric power utilities.....do	684,227	716,922	62,466	67,702	61,162	58,518	53,928	56,256	65,094	71,190	75,006	61,461				
Industrial, total.....do	111,120	111,696	10,388	9,990	9,793	10,080	9,352	9,561	9,235	9,506	9,330	9,339				
Coke plants (oven and beehive).....do	35,973	36,920	3,449	3,216	3,059	3,336	3,515	3,692	3,859	3,601	3,414	3,457				
Residential and commercial.....do	6,433	5,719	739	721	573	396	532	313	385	604	536	345				
Stocks, end of period, total †.....do	168,072	178,485	178,485	169,495	165,548	166,825	170,632	171,298	166,504	153,490	146,341	147,706				
Electric power utilities.....do	154,707	163,857	163,857	155,613	152,406	154,428	158,342	159,114	154,427	141,613	134,664	136,229	140,330	143,151		
Industrial, total.....do	13,865	14,628	14,628	13,882	13,142	12,397	12,391	12,184	12,078	11,877	11,677	11,478				
Oven-coke plants.....do	2,985	3,879	3,879	3,875	3,872	3,868	3,831	3,794	3,757	3,460	3,164	2,868				
Exports.....do	84,017	77,645	8,009	4,390	4,451	7,099	3,885	7,316	7,998	8,224	9,223	9,864	8,898	8,241	8,917	
Producer Price Index.....1982=100	100.8	97.1	95.9	95.6	96.2	95.3	95.4	95.1	95.1	95.6	95.0	95.4	95.6	94.5	94.6	94.0
COKE																
Production:																
Beehive and oven (byproduct).....thous. sh. tons.	25,540	28,037	7,589			7,347			8,311			8,195				
Petroleum coke †.....do	36,903	37,380	3,384	3,464	3,164	3,414	3,159	3,357	3,274	3,326	3,343	3,179	3,276	3,338		
Stocks, end of period:																
Oven-coke plants, total.....do	2,066	1,064	1,064			902			1,140			1,271				
At furnace plants.....do	1,778	846	846			714			942			1,107				
At merchant plants.....do	288	218	218			188			198			164				
Petroleum coke †.....do	1,206	1,350	1,350	1,463	1,437	1,441	1,490	1,497	1,636	1,694	1,512	1,427	1,612	1,660		
Exports.....do	1,063	650	110	58	92	30	24	239	76	62	66	93	45	334	184	
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Producer Price Index.....1982=100	46.9	55.5	54.1	50.1	49.7	47.2	49.1	51.5	50.6	45.7	45.0	42.6	39.4	39.2	44.2	49.6
Gross input to crude oil distillation units †.....mil. bbl.	4,681.4	4,746.1	414.9	408.3	374.3	410.5	399.9	422.5	411.1	427.9	432.2	400.7	412.8	400.2		
Refinery operating ratio †.....% of capacity	88	83	84	83	81	84	84	86	86	86	87	84	84	84		
All oils, supply, demand, and stocks: ††																
New supply, total ◊.....mil. bbl.	6,026.1	6,089.6	521.8	519.9	493.3	519.8	509.5	530.0	501.0	518.3	524.8	504.1	538.4	517.5		
Production:																
Crude petroleum.....do	3,168.3	3,047.4	257.8	255.6	242.9	253.8	248.0	254.3	244.7	249.8	250.0	237.0	247.3	239.6		
Natural gas plant liquids.....do	587.1	605.6	52.2	50.5	47.6	52.6	50.0	52.0	49.7	51.8	52.5	50.6	53.6	51.3		
Imports:																
Crude and unfinished oils.....do	1,842.7	1,887.3	156.2	156.0	146.1	158.8	167.4	177.2	165.5	169.9	168.0	166.6	183.6	165.0		
Refined products.....do	628.0	599.4	55.5	57.9	56.7	49.6	44.0	46.5	41.0	46.9	54.3	50.0	54.0	61.2		
Change in stocks, all oils.....do	73.7	14.9	-27.5	-10.2	-22.2	-16.6	19.3	33.8	-1.0	16.1	-5.9	6.7	2.7	4.2		
Product demand, total.....do	6,227.9	6,360.8	573.5	561.5	535.0	569.4	513.5	524.9	539.8	563.6	563.9	524.7	564.7	544.3		
Exports:																
Crude petroleum.....do	56.2	55.0	6.8	6.6	4.3	6.7	3.5	4.4	4.2	5.9	4.8	3.7	5.3	4.5		
Refined products.....do	229.3	223.0	25.9	21.0	20.8	19.2	16.8	20.9	23.9	19.8	20.4	16.5	17.5	17.0		

See footnotes at end of tables.

Units	Annual		1987		1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
PETROLEUM, COAL, AND PRODUCTS—Continued																	
PETROLEUM AND PRODUCTS †—Continued																	
All oils, supply, demand, and stocks—Continued																	
Domestic product demand, total # mil. bbl.	5,942.4	6,082.7	540.8	534.0	509.9	543.4	493.2	499.6	511.6	537.9	538.6	504.5	541.9	522.8			
Gasoline.....do.....	2,579.1	2,689.1	225.3	207.3	203.8	226.0	222.2	226.4	236.1	232.7	233.7	221.3	226.7	221.7			
Kerosene.....do.....	35.9	34.5	4.7	5.5	4.1	3.1	2.1	1.9	1.5	1.8	1.8	2.4	2.7	3.3			
Distillate fuel oil.....do.....	1,083.7	1,086.4	102.9	109.0	101.8	109.9	86.1	85.5	84.6	82.1	88.6	84.2	99.3	94.6			
Residual fuel oil.....do.....	517.7	461.5	44.5	48.9	46.4	44.4	35.2	29.3	33.0	36.5	39.0	33.4	39.1	43.6			
Jet fuel.....do.....	477.2	505.5	45.3	47.5	43.7	43.3	41.6	42.2	43.0	43.4	44.6	42.7	46.0	43.1			
Lubricants.....do.....	51.9	58.7	5.0	4.2	5.0	5.5	4.5	5.5	4.6	4.7	5.0	4.9	4.8	4.8			
Asphalt.....do.....	163.6	170.3	7.1	3.3	5.4	8.6	10.7	17.0	21.6	21.0	25.0	21.1	17.9	11.7			
Liquefied petroleum gases.....do.....	562.1	588.3	53.5	64.1	57.5	53.0	40.2	41.9	40.3	43.9	47.0	51.1	55.4	52.6			
Stocks, end of period, total.....do.....	1,592.5	1,607.5	1,807.5	1,597.3	1,575.1	1,558.5	1,577.3	1,611.6	1,610.6	1,626.7	1,620.7	1,627.4	1,630.1	1,634.4			
Crude petroleum.....do.....	842.8	889.6	889.6	888.2	892.0	898.6	904.4	905.7	909.1	900.7	885.3	883.1	895.6	895.7			
Strategic petroleum reserve.....do.....	511.6	540.6	540.6	542.7	544.1	544.9	547.3	547.9	550.1	551.3	552.1	554.7	556.0	558.7			
Unfinished oils, natural gaso- line, etc.....do.....	140.4	138.3	138.3	142.7	143.7	147.8	148.7	158.6	160.1	159.8	157.7	158.5	156.4	158.5			
Refined products.....do.....	609.4	579.5	579.5	566.3	539.4	512.1	524.8	547.4	541.4	566.2	577.7	585.8	578.2	580.2			
Refined petroleum products:																	
Gasoline (incl. aviation):																	
Production.....do.....	2,476.3	2,506.2	213.1	209.1	195.8	208.2	207.9	213.2	210.3	222.9	224.3	209.3	214.0	212.3			
Stocks, end of period.....do.....	196.4	191.1	191.1	202.3	204.4	195.9	191.5	190.4	175.6	179.7	184.3	183.8	182.0	185.7			
Prices, regular grade (excl. aviation):																	
Producer Price Index.....1982=100	54.4	59.5	57.5	*53.7	53.9	53.9	53.2	60.9	60.7	63.2	64.4	58.1	56.6	59.6	55.1	55.3	
Retail, U.S. city average (BLS):																	
Leaded.....\$ per gal.	.857	.897	.912	.881	.859	.850	.833	.911	.910	.923	.945	.933	.910	.904	.885	.876	
Unleaded.....do.....	.927	.948	.961	.933	.913	.904	.930	.955	.955	.967	.987	.974	.957	.949	.930	.918	
Aviation gasoline:																	
Production.....mil. bbl.	11.7	9.1	.7	.6	.5	.7	.7	.9	.8	1.0	1.0	.8	.8	.6			
Stocks, end of period.....do.....	2.2	2.3	2.3	2.3	2.1	2.0	2.0	2.0	1.8	1.8	1.9	1.9	1.9	1.9			
Kerosene:																	
Production.....do.....	32.6	28.7	3.3	3.2	3.4	2.1	1.5	1.5	1.6	2.0	2.5	2.3	2.5	3.0			
Stocks, end of period.....do.....	8.4	8.4	8.4	7.2	6.9	6.4	6.0	5.6	6.0	6.2	7.1	7.5	8.0	8.1			
Producer Price Index (light distillate).....1982=100	53.6	54.1	53.3	*55.2	55.1	53.7	52.4	53.7	53.0	51.0	50.0	*49.2	46.9	48.4	50.4	54.0	
Distillate fuel oil:																	
Production.....mil. bbl.	1,021.2	996.6	100.5	93.2	77.8	84.3	86.1	90.9	86.8	86.3	88.2	83.4	87.7	87.1			
Imports.....do.....	90.3	93.2	11.7	11.0	9.6	7.5	6.3	7.1	6.3	6.4	8.4	8.7	10.1	9.2			
Stocks, end of period.....do.....	155.1	134.5	134.5	127.2	109.6	89.3	94.3	104.5	110.7	119.4	125.2	131.0	127.9	128.7			
Producer Price Index (middle distillate).....1982=100	49.4	55.5	53.1	*54.8	51.5	49.7	53.3	54.3	50.6	46.9	46.8	45.9	42.3	47.2	50.7	54.9	
Residual fuel oil:																	
Production.....mil. bbl.	324.3	323.2	31.0	31.3	28.9	29.3	28.5	26.8	26.4	23.3	26.8	25.8	26.7	27.7			
Imports.....do.....	244.2	206.1	20.2	22.8	23.0	13.9	13.1	10.5	13.5	16.0	17.0	16.2	22.9	22.9			
Stocks, end of period.....do.....	47.4	47.4	47.4	46.6	45.5	44.1	43.2	45.7	42.1	41.1	37.8	44.2	42.4	45.1			
Producer Price Index.....1982=100	44.5	53.1	49.5	*45.4	43.5	41.9	40.5	42.6	43.7	40.4	39.6	40.4	39.3	36.5	39.8	41.9	
Jet fuel:																	
Production.....mil. bbl.	472.0	490.1	44.6	43.9	40.1	45.0	38.7	39.9	40.2	42.3	41.7	41.3	42.3	40.1			
Stocks, end of period.....do.....	49.7	49.9	49.9	46.3	43.6	46.7	46.0	46.8	45.7	47.0	46.8	46.3	47.3	46.5			
Lubricants:																	
Production.....do.....	58.2	60.9	4.3	5.2	5.1	5.3	5.3	5.6	5.5	5.2	5.3	4.3	5.2	5.0			
Stocks, end of period.....do.....	14.2	13.3	13.3	14.1	13.9	13.9	14.1	13.8	13.9	14.0	13.6	12.5	12.8	12.5			
Asphalt:																	
Production.....do.....	149.7	158.4	8.5	7.2	7.9	10.6	11.8	15.3	17.5	18.6	20.1	17.8	15.7	11.0			
Stocks, end of period.....do.....	17.7	18.8	18.3	22.7	25.7	28.6	30.6	30.1	27.0	25.6	21.9	19.6	18.6	18.7			
Liquefied petroleum gases:																	
Production, total.....do.....	618.5	633.2	54.3	53.4	51.0	55.9	53.9	56.1	54.1	56.7	57.3	55.1	57.9	54.9			
At gas processing plants (L.P.G.).....do.....	466.2	474.5	40.9	39.4	37.5	40.9	39.2	40.9	38.9	40.2	40.4	39.3	42.1	40.9			
At refineries (L.R.G.).....do.....	152.3	158.7	13.4	14.0	13.4	14.9	14.6	15.2	15.2	16.6	16.9	15.8	15.9	14.0			
Stocks (at plants and refineries).....do.....	102.7	97.1	97.1	80.7	70.2	68.8	79.7	90.0	100.0	111.9	120.6	121.6	119.9	115.1			
PULP, PAPER, AND PAPER PRODUCTS																	
PULPWOOD																	
Receipts.....thous. cords (128 cu.ft.)	'90,948	'94,312	8,003	7,737	7,924	8,345	7,911	7,611	7,766	7,652	8,007	8,080	8,245	7,889			
Consumption.....do.....	'91,434	'93,946	8,162	8,223	7,748	8,249	8,137	7,650	7,689	7,901	7,951	7,956	7,908	7,887			
Inventories, end of period.....do.....	4,794	5,096	5,096	4,629	4,777	4,942	4,642	4,420	4,507	4,232	4,325	4,484	4,726	4,790			
WASTE PAPER																	
Consumption.....thous. sh. tons	'17,235	'18,296	1,489	1,555	1,529	1,660	1,541	1,611	1,565	1,525	*1,626	*1,553	*1,601	1,569			
Inventories, end of period.....do.....	838	920	837	847	871	926	937	897	908	905	*971	*1,069	*1,055	1,059			
WOODPULP																	
Production:																	
Total.....thous. sh. tons	'57,005	'59,552	5,160	5,276	4,917	5,222	5,004	5,004	4,949	5,219	5,265	5,006	5,073	4,967			
Dissolving pulp.....do.....	1,258	1,312	109	98	116	109	105	113	117	117	119	135	99	112			
Paper grades chemical pulp.....do.....	46,081	48,238	4,227	4,235	3,981	4,259	4,087	4,011	4,008	4,241	4,272	4,045	4,100	4,007			
Groundwood and thermo- mechanical.....do.....	5,476	5,702	484	517	471	495	509	507	480	497	504	473	513	489			
Semi-chemical.....do.....	4,191	4,246	339	376	350	360	354	373	349	363	371	358	367	359			
Inventories, end of period:																	
At pulp mills:																	
Own use woodpulp.....do.....	174	170	170	182	165	169	169	160	175	194	199	198	161	170			
Market pulp.....do.....	234	224	224	232	235	237	256	243	198	236	247	272	275	301			
Market pulp at paper and board mills.....do.....	496	529	529	508	508	532	532	513	534	543	634	623	583	591			
Exports, all grades, total.....do.....	'4,308	'5,047	523	391	444	491	453	433	497	392	497	518	421	420	572		
Dissolving and special alpha.....do.....	711	691	72	67	41	79	81	61	101	56	68	81	74	73			
All other.....do.....	'3,599	'4,356	450	324	403	569	372	372	396	336	436	437	347	347	483		
Imports, all grades, total.....do.....	'4,340	'4,974	415	390	423	432	423	415	415	416	460	379	436	425	314		
Dissolving and special alpha.....do.....	145	96	2	10	14	14	12	7	13	2	16	11	4	16			
All other.....do.....	'4,195	'4,878	412	380	415	446	415	408	402	415	444	367	432	409	296		

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986

Units	Annual		1988												1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (API):																
Total.....thous. sh. tons.....	'70,889	'74,433	6,347	6,466	6,215	6,724	6,313	6,440	6,317	6,271	6,607	*6,346	6,467	*6,227	6,334	.....
Paper.....do.....	35,510	36,994	3,163	3,216	3,119	3,382	3,197	3,176	3,165	3,090	3,323	*3,219	*3,264	*3,169	3,177	.....
Paperboard.....do.....	35,379	37,439	3,184	3,251	3,097	3,342	3,116	3,264	3,152	3,181	3,284	3,127	3,203	3,058	3,157	.....
Producer Price Indexes:																
Paperboard.....1982=100.....	106.6	118.1	123.1	*126.6	127.1	130.5	132.6	133.4	134.0	134.3	134.5	*136.2	136.5	136.5	136.5	137.8
Building paper and board.....do.....	108.8	111.2	113.7	*118.7	114.0	113.1	113.3	113.4	114.2	113.9	112.7	*112.5	112.4	112.6	113.3	112.9
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new.....thous. sh. tons.....	'1,553	'1,529	130	132	137	131	121	152	122	131	136	143	*145	*113	174	.....
Orders, unfilled, end of period.....do.....	124	164	181	187	197	196	167	179	188	177	171	173	168	*145	203	.....
Shipments.....do.....	'1,540	'1,485	111	128	129	139	127	135	120	134	147	141	*147	*130	122	.....
Coated paper:																
Orders, new.....do.....	'6,334	'7,066	611	627	583	646	631	620	612	662	641	584	666	*575	580	.....
Orders, unfilled, end of period.....do.....	469	708	734	693	692	704	678	678	688	746	756	729	749	*729	734	.....
Shipments.....do.....	6,263	6,860	588	638	593	653	609	601	617	594	648	606	625	*606	583	.....
Uncoated free sheet papers:																
Orders, new.....do.....	'10,485	'11,184	978	944	917	1,032	990	921	965	909	953	*927	*937	*890	1,019	.....
Shipments.....do.....	'10,681	'11,223	982	963	943	1,039	967	941	953	920	1,001	*973	*965	*943	979	.....
Unbleached kraft packaging and industrial converting papers:																
Shipments.....thous. sh. tons.....	'3,303	'3,079	261	262	255	262	255	236	244	240	250	261	248	*254	256	.....
Tissue paper, production.....do.....	'5,095	'5,301	449	446	437	474	445	461	454	452	471	*458	*476	*449	450	.....
Newsprint:																
Canada:																
Production.....thous. metric tons.....	9,289	9,673	783	822	815	874	826	860	799	827	846	790	865	837	809	.....
Shipments from mills.....do.....	9,302	9,761	892	716	782	881	789	856	851	794	847	830	803	845	874	.....
Inventory, end of period.....do.....	277	193	133	295	328	321	359	363	311	343	342	301	364	356	291	.....
United States:																
Production.....do.....	5,107	5,300	453	452	434	463	451	466	445	436	461	446	461	448	464	.....
Shipments from mills.....do.....	5,115	5,310	461	437	435	458	446	463	449	431	459	447	461	456	475	.....
Inventory, end of period.....do.....	49	36	36	51	51	55	60	63	59	65	67	67	67	59	48	.....
Estimated consumption, all users.....do.....	11,937	12,322	1,050	958	964	1,059	1,023	1,058	997	963	995	1,047	1,135	1,090	1,082	.....
Publishers' stocks, end of period #.....thous. metric tons.....	849	900	900	905	931	962	972	952	990	973	1,007	1,004	936	898	918	.....
Imports.....thous. sh. tons.....	8,589	8,975	710	727	697	811	725	766	715	728	731	742	708	707	539	.....
Producer Price Index, standard newsprint.....1982=100.....	103.3	112.3	117.0	*127.1	127.9	127.9	127.7	127.9	127.9	127.8	127.7	*127.8	127.3	127.1	126.2	126.1
Paper products:																
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area.....	283,921	297,827	23,161	24,782	24,679	27,222	26,053	24,986	25,830	24,470	26,373	26,059	27,797	24,876	23,467	.....
RUBBER AND RUBBER PRODUCTS																
RUBBER																
Natural rubber:																
Consumption.....thous. metric tons.....	743.56	775.33	69.38	79.07	65.16	88.10	58.68	65.73	60.46	49.11	76.59	61.80	70.47	72.35	.....	.....
Stocks, end of period.....do.....	38.51	72.46	72.46	74.37	75.32	70.69	74.64	72.94	71.56	68.74	71.13	63.23	57.61	58.25	.....	.....
Imports, incl. latex and guayule.....thous. long tons.....	752.99	745.67	77.67	81.89	68.49	85.65	67.51	66.18	63.83	48.71	81.94	58.19	63.22	76.21	73.55	.....
U.S. Import Price Index.....1985=100.....	101.9	115.7	130.6	.....	.....	132.4	.....	.....	.....	.....	.....	149.9	.....	.....	132.7	.....
Synthetic rubber:																
Production.....thous. metric tons.....	2,012.77	2,184.12	194.82	186.95	179.13	201.20	193.72	205.40	197.36	187.36	200.36	189.61	193.15	201.86	.....	.....
Consumption.....do.....	1,895.23	2,017.31	174.09	158.52	166.82	186.80	163.05	172.08	166.30	160.91	171.37	162.49	170.51	180.30	.....	.....
Stocks, end of period.....do.....	235.61	229.72	229.72	237.34	235.11	229.64	237.50	246.18	249.56	261.01	259.61	257.93	258.42	257.32	.....	.....
Exports (Bu. of Census).....thous. lg. tons.....	338.35	422.64	36.53	39.07	36.76	41.11	41.02	39.79	40.47	29.29	43.34	38.01	36.59	35.68	31.61	.....
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous.....	'190,289	'202,973	16,428	17,345	18,027	19,395	17,642	17,403	17,941	15,022	18,058	18,115	19,138	17,253	.....	.....
Shipments, total.....do.....	243,244	255,220	20,326	18,795	19,472	22,208	21,200	22,539	24,764	20,101	24,002	23,738	24,312	22,622	.....	.....
Original equipment.....do.....	61,251	60,758	4,177	4,713	5,065	5,759	5,606	6,010	5,718	3,526	4,344	5,556	5,672	5,529	.....	.....
Replacement equipment.....do.....	176,659	186,406	15,341	13,061	13,243	15,740	14,501	15,559	18,055	15,783	18,042	17,118	17,476	16,103	.....	.....
Exports.....do.....	5,334	8,056	809	1,021	1,163	1,309	1,093	970	992	793	1,116	1,064	1,163	989	.....	.....
Stocks, end of period.....do.....	34,286	34,338	34,338	37,047	39,904	40,737	41,149	40,159	37,976	37,355	36,064	34,771	34,074	33,494	.....	.....
Exports (Bu. of Census).....do.....	5,202	9,580	1,259	1,328	1,410	1,477	1,598	1,380	1,157	995	1,343	1,420	1,400	1,322	1,314	.....
Inner tubes:																
Exports (Bu. of Census).....do.....	809	1,518	114	95	138	165	141	161	113	162	130	149	182	144	182	.....

See footnotes at end of tables.

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

Units	Annual		1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.

STONE, CLAY, AND GLASS PRODUCTS

PORTLAND CEMENT																
Shipments, finished cement.....thous. bbl.	'470,500	'480,410	30,840	20,979	26,293	36,404	39,926	45,356	50,117	43,808	49,564	47,580	47,250	39,750	32,505	
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face)																
mil. standard brick ..	7,401.9	'7,600.5	*519.7	398.8	486.7	709.7	685.4	716.8	777.1	682.1	751.0	714.1	752.6	*617.3	515.6	
Structural tile, except facing.....thous. sh. tons..	108.4	(?)	(?)	4.7	4.7	4.7	4.7	5.1	5.3	5.8	4.7	4.7	4.7	4.7	4.7	
Sewer pipe and fittings, vitrified.....do.....	323.6	*316.9	*20.1	18.1	21.1	31.4	24.7	27.5	34.1	31.2	36.6	27.7	26.2	22.2	15.6	
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft..	*452.2	*478.9	*38.7	35.9	38.4	44.7	40.7	41.3	44.3	36.8	42.2	42.0	41.3	40.5	40.0	
Producer Price Index, brick and structural clay tile.....12/84=100 ..	105.2	108.2	108.7	109.9	110.5	110.4	110.7	110.9	111.1	111.1	111.1	111.1	111.0	111.2	111.2	111.4
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$..	1,259,746	1,457,587	378,798			353,737			372,286			377,961				
Glass containers:																
Production ↑.....thous. gross.....	289,253	285,030	18,693	21,588	22,497	24,506	24,960	25,027	24,789	25,475	25,225	22,586	25,457	*20,993	17,009	
Shipments, total ↑.....do.....	283,057	281,636	20,271	21,875	20,364	22,522	24,327	24,834	25,764	24,387	25,598	23,196	22,882	*20,344	19,431	
Narrow-neck containers:																
Food ↑.....do.....																
Beverage.....do.....	25,266	27,252	1,690	1,837	1,815	2,211	2,445	2,532	2,367	2,167	2,828	2,349	1,748	*1,511	1,327	
Beer.....do.....	59,385	62,434	4,133	3,885	4,260	5,178	5,753	5,617	6,342	5,896	5,968	5,129	4,775	4,216	4,306	
Liquor and wine ↑.....do.....	86,922	85,357	6,517	7,928	6,645	6,032	7,503	8,142	7,546	7,741	7,482	6,943	7,332	6,602	6,403	
Wide-mouth containers:																
Food and dairy products.....do.....																
Narrow-neck and wide-mouth containers: Medicinal and toilet.....do.....	62,795	62,673	4,766	5,198	5,256	5,508	5,225	5,091	5,874	5,324	6,121	6,018	6,153	5,294	4,828	
Chemical, household, and industrial.....do.....	18,843	14,167	897	788	737	1,050	787	879	850	674	786	825	829	*814	753	
Stocks, end of period ↑.....do.....	1,490	1,371	103	86	83	120	91	55	67	52	75	91	85	109	99	
	39,912	41,926	41,926	40,948	42,680	44,569	44,953	44,970	43,614	44,466	43,544	42,466	44,335	*45,150	42,426	
GYPSUM AND PRODUCTS																
Production:																
Crude gypsum (exc. byproduct).....thous. sh. tons..																
Calcined.....do.....	'15,408	'15,612	1,218	1,081	1,075	1,297	1,272	1,231	1,291	1,203	1,059	1,521	1,429	1,279	1,460	
Imports, crude gypsum.....do.....	'17,061	'17,592	1,274	1,255	1,361	1,402	1,524	1,327	1,277	1,340	1,458	1,444	1,760	1,385	1,330	
Sales of gypsum products:	9,559	9,717	635	837	801	512	986	635	873	804	775	760	850	915		
Uncalcined.....do.....																
Calcined:	'5,381	'6,324	591	342	306	378	359	415	632	444	417	462	533	460	564	
Industrial plasters.....do.....																
Building plasters, total (incl. Keene's cement).....do.....	'476	'496	9	10	20	11	13	11	11	12	10	11	13	12	13	
Board products, total.....mil. sq. ft..	'278	'280	19	18	21	23	21	20	19	19	22	19	19	18	16	
Lath.....do.....	'20,216	'20,507	1,501	1,468	1,595	1,896	1,637	1,667	1,683	1,698	1,914	1,766	1,897	1,699	1,641	
Veneer base.....do.....	24	23	1	2	2	2	1	2	2	1	2	1	2	2	1	
Gypsum sheathing.....do.....	'454	'479	36	36	36	44	41	40	39	37	44	40	40	40	37	
Regular gypsum board.....do.....	'338	'313	22	19	19	27	24	25	26	23	26	24	26	18	30	
Type X gypsum board.....do.....	'13,817	'13,920	914	884	975	1,154	1,008	998	992	1,027	1,143	1,057	1,139	1,043	1,005	
Predecorated wallboard.....do.....	'4,358	'4,489	425	420	451	528	473	462	474	479	549	499	541	468	453	
3/4" mobile home board.....do.....	'132	'128	10	9	9	10	9	9	11	10	11	10	9	10	10	
Water/moisture resistant board.....do.....	'571	'598	42	49	51	72	30	77	74	69	79	79	80	65	53	
	'522	'557	51	48	52	59	55	53	66	53	60	56	59	55	53	

TEXTILE PRODUCTS

FABRIC																
Woven fabric, finishing plants:																
Production (finished fabric).....mil. linear yd..																
Cotton.....do.....	6,796															
Manmade fiber and silk fabrics.....do.....	2,522															
Inventories held at end of period.....do.....	4,271															
Backlog of finishing orders.....do.....																
Cotton.....do.....	504															
Manmade fiber and silk fabrics.....do.....	211															
	293															
COTTON AND MANUFACTURES																
Cotton (excluding linters):																
Production:																
Ginnings (.....thous. running bales ..	9,438	14,359	13,274								136	804	2,277	6,888	11,698	14,276
Crop estimate.....thous. net weight bales \$..	9,731	14,760	14,281									14,934	14,709	14,714	14,837	15,197
Consumption.....thous. running bales..	6,566	7,446	*610	568	590	*738	556	551	*662	433	563	*676	454	509	*554	552
Stocks in the United States, total, end of period #.....thous. running bales..	13,416	13,722	13,722	12,394	11,245	9,711	8,607	7,707	6,567	5,723	18,973	18,122	17,755	17,115	16,062	14,809
Domestic cotton, total.....do.....	13,416	13,722	13,722	12,394	11,245	9,711	8,607	7,707	6,567	5,723	18,973	18,122	17,755	17,115	16,062	14,809
On farms and in transit.....do.....	2,540	2,525	2,525	1,470	1,312	953	791	968	761	300	13,974	12,487	8,975	4,838	1,957	1,081
Public storage and compresses.....do.....	10,252	10,555	10,555	10,197	9,151	7,972	7,028	6,987	5,073	4,714	4,348	5,027	8,210	11,722	13,524	13,141
Consuming establishments.....do.....	624	642	642	727	782	736	788	752	738	709	651	608	570	555	581	587

See footnotes at end of tables.

Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TEXTILE PRODUCTS—Continued																
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports.....thous. running bales..	5,666	5,683	681	626	698	785	541	488	528	303	249	249	224	379	632	
Imports.....thous. net-weight bales \$.	7	2	1	(1)	(1)							(1)	(1)		(1)	
Price(farm), American upland (.....cents per lb..	*51.5	*64.6	64.2	*61.7	*57.0	*57.9	*59.9	*58.3	*62.0	*59.5	52.6	51.8	*54.2	*56.5	*55.3	*54.2
Price, Strict Low Middling, Grade 41, staple 34 (1 1/4"), average 10 markets.....cents per lb..	*60.0	*52.6	62.3	59.7	57.8	59.6	60.1	61.6	62.9	57.4	55.2	51.3	52.2	53.4	54.8	55.6
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil.	11.8	11.6	11.6	11.6	11.5	11.7	11.7	11.7	11.7	11.7	11.6	11.5	11.5	11.4		
Consuming 100 percent cotton.....do	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.6	4.6	4.6	4.6	4.4	4.3	4.3		
Spindle hours operated, all fibers, total.....bil.	81.5	82.9	*6.8	6.2	6.4	*8.0	6.7	6.5	*7.8	5.0	6.0	*7.5	6.0	5.7		
Average per working day.....do	.309	.319	.272	.308	.319	.321	.334	.324	.318	.252	.299	.301	.299	.287		
Consuming 100 percent cotton.....do	29.2	32.3	*2.6	2.3	2.5	*3.1	2.5	2.4	*2.9	1.8	2.2	*2.7	2.1	2.2		
Cotton cloth:																
Cotton broadwoven goods over 12" in width: Production (qtrly.).....mil. sq. yd.	*4,364	4,772	*1,178			1,233			1,213							
Orders, unfilled, end of period, compared with average weekly production																
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.																
Ratio of stocks to unfilled orders (at cotton mills), end of period.....do																
Exports, raw cotton equivalent.....thous. net-weight bales \$.	298.6	260.0	19.9	18.5	18.1	23.9	20.4	19.3	20.4	16.8	19.3	25.0	20.5	22.8	25.4	
Imports, raw cotton equivalent.....do	1,322.2	1,617.2	185.3	98.7	102.6	107.6	98.6	90.4	87.3	86.0	91.6	87.2	92.9	94.5	109.4	
Producer Price Index, gray cotton broadwovens.....1982=100	101.1	105.2	111.5	*112.7	114.3	114.5	115.9	116.2	116.1	115.9	115.6	*114.8	112.2	111.8	111.5	111.6
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Acetate filament yarn.....mil. lb.	214.8	191.1	53.0			49.1			54.4			54.9				
Rayon staple, including tow.....do	403.7	413.8	108.4			106.6			101.2			99.4				
Noncellulosic, except textile glass: Yarn and monofilaments.....do	3,336.7	4,009.7	1,023.2			1,017.8			1,062.4			1,025.1				
Staple, incl. tow.....do	3,991.8	4,306.2	1,069.5			1,062.0			1,100.8			1,050.3				
Textile glass fiber.....do																
Fiber stocks, producers', end of period:																
Acetate filament yarn.....mil. lb.	14.8	14.2	14.2			13.2			12.4			11.5				
Rayon staple, including tow.....do	22.4	20.7	20.7			20.3			13.4			13.3				
Noncellulosic fiber, except textile glass: Yarn and monofilaments.....do	306.6	298.4	298.4			302.3			313.1			317.0				
Staple, incl. tow.....do	326.4	319.6	319.6			305.7			342.9			329.0				
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	101.9	105.6	109.2	*110.0	111.1	111.6	111.8	112.2	113.0	113.4	113.8	*113.0	113.7	113.7	114.5	114.2
Manmade fiber textile trade:																
Exports, manmade fiber equivalent.....mil. lbs.	519.31	591.87	51.09	45.90	52.83	64.84	59.83	64.49	56.85	52.04	57.52	59.97	56.74	56.77	59.98	
Yarn, tops, thread, cloth.....do	228.77	260.31	23.22	20.07	23.02	27.87	24.36	22.09	23.10	20.80	23.77	23.95	22.20	23.63	27.32	
Cloth, woven.....do	134.58	152.65	13.27	12.54	12.81	16.56	14.97	13.48	12.89	12.19	14.25	14.86	14.22	14.88	15.64	
Manufactured prods., apparel, furnishings.....do	290.53	331.56	27.88	25.83	29.81	36.97	35.47	39.40	33.75	31.23	33.75	36.02	34.54	33.14	32.66	
Imports, manmade fiber equivalent.....do	1,702.95	1,805.44	120.66	141.98	135.01	125.48	123.22	148.77	171.32	169.91	174.37	146.03	144.23	132.03	123.37	
Yarn, tops, thread, cloth.....do	306.15	280.00	21.21	22.22	18.86	21.28	22.11	23.40	24.73	23.00	22.66	18.73	22.20	20.44	18.60	
Cloth, woven.....do	207.18	182.52	14.62	14.63	12.49	14.93	15.87	16.54	17.95	15.98	16.43	12.64	15.66	*13.64	12.47	
Manufactured products, apparel, furnishings.....do	1,396.81	1,525.44	99.45	119.76	116.15	104.25	101.11	125.36	146.58	146.90	151.71	127.30	122.03	111.59	104.77	
Apparel, total.....do	929.36	1,032.22	64.24	82.40	76.04	64.60	63.34	83.24	103.25	104.81	106.93	87.26	81.86	71.62	65.71	
Knit apparel.....do	431.18	485.36	23.02	28.54	26.86	23.63	25.71	38.50	50.58	52.37	53.64	43.30	40.44	32.72	26.73	
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.	126.8	129.7	*11.2	10.1	10.1	*13.5	10.1	9.6	*13.6	9.8	9.7	*10.6	10.0	*9.1	*12.1	
Carpet class.....do	10.0	13.1	*1.1	1.3	1.4	*1.8	1.3	1.3	*1.2	1.1	1.7	*1.7	1.0	1.0	*1.0	
Wool imports, clean yield.....do	97.0	105.1	9.0	12.0	12.7	8.8	9.1	8.6	7.4	7.7	5.0	3.3	6.7	8.6	6.7	
Duty-free.....do	30.9	31.1	1.7	2.7	1.9	2.1	1.7	1.9	2.4	2.3	1.9	1.9	2.2	2.0	1.3	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2 3/4" and up.....dollars per lb.	1.91	2.65	3.00	3.15	3.97	4.35	4.53	4.63	4.60	4.50	4.50	4.50	4.63	4.75	4.50	4.50
Australian, 64's, Type 62, duty-paid.....do	2.36	3.24	3.56	3.91	4.68	4.96	5.64	5.64	5.13	4.89	4.67	4.61	4.88	4.72	4.75	5.11
Wool broadwoven goods, exc. felts:																
Production (qtrly.).....mil. sq. yd.	134.1	168.9	40.9			50.6			53.0							
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly #.....mil. sq. yds.	1,257.9	1,263.2	305.5			300.9			339.0			329.1				
APPAREL																
Women's, misses', juniors' apparel cuttings: †																
Coats.....thous. units.	8,959	23,982	5,287			3,721			*5,188			5,251				
Dresses.....do	131,924	174,982	38,108			45,272			*42,582			34,502				
Suits (incl. pant suits, jumpsuits).....do		7,458	1,636			1,919			*2,488			2,489				
Skirts.....do	89,769	111,162	27,526			27,416			*26,064			22,716				
Slacks, jeans, dungarees, and jean-cut casual slacks.....do		219,716	70,094			64,099			*71,065			72,509				
Blouses.....thous. dozen	29,575	30,595	11,068			9,025			*9,010			8,630				

See footnotes at end of tables.

Units	Annual		1988												1989	
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TEXTILE PRODUCTS—Continued																
APPAREL—Continued																
Men's apparel cuttings: ‡																
Suits.....thous. units.	10,552	12,167	3,096			3,210			*3,182				3,476			
Coats (separate), dress and sport....do	19,794	18,236	4,041			4,627			*4,144				4,411			
Trousers, slacks, jeans, pants, etc....do	112,612	*480,350	110,885			109,875			*114,658				109,232			
Shirts, dress and sport.....thous. doz.	48,028	86,649	17,137			21,328			*22,927				19,497			
Hosiery, shipments.....thous. doz. pairs.	313,244	308,982	22,875	24,013	25,729	26,184	24,718	24,886	27,084	29,404	27,557	27,006	32,948	27,475	25,120	
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly, total.....mil. \$	*110,836	*119,098														
U.S. Government.....do	*68,001	*64,892														
Prime contract.....do	*106,686	*115,298														
Sales (net), receipts, or billings, quarterly, total.....do	*105,577	*109,053														
U.S. Government.....do	*65,326	*67,680														
Backlog of orders, end of period #.....do	*148,212	*157,250														
U.S. Government.....do	*95,009	*91,436														
Aircraft (complete) and parts.....do	*62,032	*64,494														
Engines (aircraft) and parts.....do	*14,359	*15,521														
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$	*24,320	*30,259														
Other related operations (conversions, modifications), products, services.....mil. \$	*17,422	*16,527														
Aircraft (complete):																
Shipments.....do	12,518.0	12,295.0	1,767.7	737.4	1,295.3	1,447.5	1,363.1	1,573.1	1,360.2	1,126.5	976.3	1,244.5	1,468.8	*1,188.5	1,375.6	
Exports, commercial.....do	7,207	7,380	903	504	744	1,056	1,008	1,063	956	725	811	517	949	814	829	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants):																
Total.....thous.	7,516	*7,035	500	472	563	665	618	690	726	386	484	618	655	648	584	(*)
Domestic.....do	6,269	*6,437	458	435	504	592	552	626	668	347	442	556	589	591	533	
Retail sales, total, not seas. adj.....do	11,450	10,278	843	765	888	1,006	901	974	1,010	863	886	890	838	796	882	*721
Domestics \$.....do	8,215	7,081	551	531	649	734	652	702	722	605	603	579	592	554	617	512
Imports \$.....do	3,235	3,197	293	234	238	272	250	272	287	258	283	251	246	243	265	*209
Total, seas. adj. at annual rate.....mil.			10.8	10.7	11.1	10.6	10.5	10.4	*11.0	10.7	10.6	10.6	9.8	10.2	11.5	*9.8
Domestics \$.....do			7.4	7.5	7.9	7.5	7.2	7.3	*7.8	7.8	7.4	7.6	6.8	7.2	8.4	7.0
Imports \$.....do			3.4	3.1	3.2	3.1	3.3	3.0	*3.1	3.0	3.2	3.1	3.0	2.9	3.1	*2.7
Retail inventories, domestics, end of period: ‡																
Not seasonally adjusted.....thous.	1,499	1,680	1,680	1,677	1,608	1,572	1,571	1,595	1,663	1,431	1,326	1,409	*1,506	*1,632	*1,602	1,738
Seasonally adjusted.....do	1,515	1,702	1,702	1,626	1,518	1,485	1,508	1,563	*1,588	1,440	1,457	1,516	1,609	*1,631	*1,609	1,649
Inventory-retail sales ratio, domestics \$.....do	2.2	2.9	2.8	2.6	2.3	2.4	2.5	2.6	*2.4	2.2	2.4	2.4	2.9	2.7	2.3	2.8
Exports (BuCensus), total.....do	669.46	627.65	48.55	43.80	63.14	83.71	68.78	74.91	67.33	43.99	46.11	76.56	65.11	68.50	53.24	
To Canada.....do	689.67	561.88	41.72	33.94	60.17	70.40	57.38	64.12	52.51	32.61	39.44	65.92	50.11	48.98	40.61	
Imports (ITC), complete units.....do	4,691.3	4,589.0	437.5	379.3	369.2	355.2	394.7	378.9	357.9	304.7	336.0	348.8	400.1	409.2	415.7	
From Canada, total.....do	1,162.2	926.9	92.7	91.0	107.3	114.0	117.8	114.9	121.3	58.9	74.2	100.5	101.5	101.0	88.9	
Registrations ◊, total new vehicles.....do	11,140	*10,166	*848	774	810	919	852	874	981	883	901	937	807	764	894	
Imports, including domestically sponsored.....do	3,444	*3,654	*323	285	281	306	284	290	333	303	329	360	297	278	316	
Trucks and buses:																
Factory sales (from U.S. plants):																
Total.....do	3,393	*3,821	294	317	344	402	340	366	372	240	337	349	375	351	327	(*)
Domestic.....do	3,130	*3,509	268	295	318	364	311	333	343	223	318	324	340	323	303	
Retail sales, domestics:																
Total, not seasonally adjusted.....do	*3,947.2	4,088.4	350.4	306.6	374.8	439.7	382.4	426.0	426.9	335.5	371.1	346.4	371.0	355.0	359.2	326.8
0-10,000 lbs. GVW.....do	3,671.3	3,786.1	323.0	284.3	348.1	407.4	350.2	395.8	395.8	356.5	343.7	317.3	339.7	328.0	329.0	300.1
10,001 lbs. GVW and over.....do	*275.8	302.3	27.3	22.3	26.7	32.3	32.1	30.2	31.1	29.1	27.4	29.0	31.4	27.0	30.1	26.7
Total, seasonally adjusted.....do			342.6	*362.6	384.6	374.5	377.2	386.4	365.3	396.5	381.7	361.3	386.1	373.6	361.2	376.1
0-10,000 lbs. GVW.....do			316.8	*336.3	353.8	344.6	348.2	357.0	337.5	367.9	354.7	333.3	355.6	341.8	332.7	344.6
10,001 lbs. GVW and over.....do			25.8	*26.3	30.9	29.9	29.0	29.4	27.8	28.6	27.0	28.0	30.5	31.7	28.6	31.4
Retail inventories, domestics, end of period: ‡																
Not seasonally adjusted.....thous.	815.7	967.9	967.9	1,024.0	*1,034.8	1,022.7	1,020.4	992.9	987.6	851.6	854.6	833.4	945.0	998.3	999.3	1,093.7
Seasonally adjusted.....do	854.5	1,015.4	1,015.4	*1,004.0	*982.2	*966.7	*960.4	*941.6	*949.6	*924.1	*924.7	*895.2	*972.3	*1,003.5	*1,041.6	1,072.5
Exports (BuCensus).....do	209.06	229.27	21.16	18.65	22.57	28.01	23.32	24.18	22.14	*14.37	17.20	21.53	21.80	15.23	17.91	
Imports (BuCensus), including separate chassis and bodies.....do	1,572.35	1,378.19	105.54	96.25	94.04	120.94	109.40	90.81	102.25	78.99	75.16	72.90	109.83	97.20	107.39	
Registrations ◊, new vehicles, excluding buses not produced on truck chassis.....thous.	4,301	*4,964	*422	384	379	443	432	432	487	442	444	470	410	398	443	
Truck trailers and chassis, complete (excludes detachables), shipments.....number	167,312	180,142	14,233	12,661	14,601	16,111	13,779	14,619	15,980	12,694	15,347	15,845	15,580	14,500	14,318	
Van type.....do	120,647	135,380	10,579	8,946	10,791	11,325	9,553	10,226	11,622	8,714	11,412	11,990	11,494	10,888	10,470	
Trailer bodies (detachable), sold separately.....do	417	438	19	37	39	76	114	462	619	673	670	922	310	483	526	
Trailer chassis (detachable), sold separately.....do	15,360	23,014	1,805	1,711	2,497	2,856	2,785	2,163	2,620	2,668	3,478	3,599	3,209	3,001	2,087	
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number	11,508	*13,645	*3,912			4,457			4,598				5,605			7,864
Equipment manufacturers.....do	11,508	*13,645	*3,912			4,457			4,598				5,605			7,864
New orders.....do	12,426	*18,504	*5,913			*7,209			9,131				4,487			8,044
Equipment manufacturers.....do	12,426	*18,504	*5,913			7,209			9,131				4,487			8,044
Unfilled orders, end of period.....do	2,677	6,736	6,736			*12,692			17,225				16,107			15,953
Equipment manufacturers.....do	2,677	6,736	6,736			12,692			17,225				16,107			15,953
Freight cars (revenue), class I railroads(AAR): ‡																
Number owned, end of period.....thous.	799	749	749	744	742	743	740	738	735	733	728	726	724	724		
Capacity (carrying), total, end of month.....mil. tons	67.20	63.63	63.63	63.37	63.52	63.38	63.21	63.10	62.87	62.71	62.36	62.24	62.15	62.27		
Average per car.....tons	84.14	85.01	85.01	85.13	85.58	85.29	85.39	85.48	85.55	85.60	85.69	85.78	85.88	86.05		

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:

Statistical Series Branch
Current Business Analysis Division
Bureau of Economic Analysis
U.S. Department of Commerce
Washington, D.C. 20230

Page S-1

† Revised series. See Tables 2.6 - 2.9 in the July 1988 SURVEY for revised estimates for 1985-87.

‡ 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 Oct. 1987 SURVEY, the industrial production index has been revised back to Jan. 1985. These revisions are available upon request.

Includes data not shown separately.

‡ Effective Sept. 1988 SURVEY, data have been revised back to January 1982. Revised data appear in the report "Manufacturing and Trade Inventories and Sales" CB-88-146, available from the Bureau of the Census, Washington, DC 20233.

§ Revised series. Data have been revised back to 1985. Revisions are available upon request.

Page S-3

Includes data for items not shown separately.

† Revised series. Data have been revised back to 1982. A detailed description of the changes appear in the report "Manufacturers' Shipments, Inventories, and Orders: 1982-88" M3-1(88), available from the Bureau of the Census, Washington, DC 20233.

‡ See note "‡" for p. S-2.

§ See note "§" for p. S-2.

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.

† Effective with the Feb. 1988 SURVEY, data (back to 1984, for some commodities) have been revised. Effective with July 1988 SURVEY, data (back to 1982, for some commodities) have been revised. Effective with the Feb. 1989 SURVEY, data (back to 1985, for some commodities) have been revised. These revisions are available upon request.

◇ See note "◇" for p. S-6.

†† See note "††" for p. S-3.

Page S-6

§ Effective with the release of the January 1988 index, all producer price indexes previously expressed on a base of 1967=100, or any other base through December 1981, have been rebased to 1982=100. Only indexes with a base later than December 1981 remain unchanged. Selection of the 1982 period was made to coincide with the reference year of the shipment weights, which have been taken primarily from the 1982 Census of Manufactures. The last rebasing of these indexes occurred in February 1971, when the 1967 base was substituted for the 1957-59 base. Historical data on the new base are available upon request. 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 release of the January 1988 index, all consumer price indexes previously expressed on a base of 1967=100, or any other base through December 1981, have been rebased to 1982-84=100. Only indexes with a base later than December 1981 remain unchanged. Selection of the 1982-84 period was made to coincide with the updated expenditure weights, which are based upon data tabulated from the Consumer Expenditure Surveys for 1982, 1983, and 1984. The last rebasing of these indexes occurred in February 1971, when the 1967 base was substituted for the 1957-59 base. Historical data on the new base are available upon request. Beginning with January 1987, data are calculated using 1982-84 expenditure patterns and updated population weights. Additional information regarding these changes is available from the Bureau of Labor Statistics, Washington, DC 20212.

‡ Effective with the Feb. 1989 SURVEY, data have been revised back to 1984 and are available upon request.

Page S-7

1. Computed from cumulative valuation total.

2. Index as of Feb. 1, 1989: building, 386.8; construction, 425.2.

Includes data for items not shown separately.

§ Data for Dec. 1987, and Mar., June and Sept. 1988 are for five weeks; other months four weeks.

◇ Effective Feb. 1989 SURVEY, data for seasonally adjusted housing starts have been revised back to 1986. Effective Feb. 1988 SURVEY, data for seasonally adjusted housing starts have been revised back to 1985. These revisions are available upon request.

† Effective May 1988 SURVEY, data for seasonally adjusted building permits have been revised back to Jan. 1986. These revisions are available upon request.

@ Effective July 1988 SURVEY, data have been revised back to Jan. 1985. In addition to the normal revisions to the unadjusted and seasonally adjusted data, the "Improvements" component of private residential buildings has been revised back to 1982 to adjust for a change in estimation of the monthly data. Revised data are available from the Construction Statistics Division at the Bureau of the Census, Washington, DC 20233.

‡ Effective July 1988 SURVEY, data have been revised back to 1985 and are available upon request.

Page S-8

1. Advance estimate.

◇ 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.

@ Effective Oct. 1987 SURVEY, data are for mortgage loans closed as FSLIC-insured institutions. Historical data back to 1976 are available upon request.

† Effective April 1988 SURVEY, wholesale trade data have been revised back to Jan. 1983. Revised data and a summary of changes appear in the report *Revised Monthly Wholesale Trade Sales and Inventories BW-13-87S*, available from the Bureau of the Census, Washington, DC 20233.

‡ Effective April 1988 SURVEY, retail trade data have been revised. Estimates of retail sales and inventories have been revised back to January 1983. Some series have been revised back to 1978. Revised data and a summary of changes appear in the report *Revised Monthly Retail Sales and Inventories BR-13-87S*, available from the Bureau of the Census, Washington, DC 20233.

†† Beginning with data for 1988, data will be reported on a quarterly basis only.

Page S-9

1. Advance estimate.

Includes data for items not shown separately.

◇ Effective with the January 1989 SURVEY, the seasonally adjusted labor force series have been revised back to January 1984. The January 1989 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 1984-88 revision period will be in the February 1989 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 June 1988 SURVEY, data have been revised back to April 1986 (not seasonally adjusted) and January 1983 (seasonally adjusted) to reflect new benchmarks and seasonal adjustment factors. The June 1988 issue of *Employment and Earnings* will contain a detailed discussion of the effects of the revisions.

Page S-11

‡ 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.

§ See note "§" for p. S-10.

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 1977 dollars reflect changes in purchasing power since 1977 by dividing by Consumer Price Index. Effective Feb. 1988 SURVEY, this series has been revised back to 1983 to reflect new seasonal factors for the CPI-W. Revised data are available upon request.

§§ Wages as of Feb. 1, 1989: Common, \$17.64; Skilled, \$23.02.

† Excludes farm, household, and Federal workers.

†† See note "††" for p. S-11.

Page S-13

1. Beginning with Jan. 1988 data, the number of respondents in the bankers acceptance survey was reduced from 155 to 111 institutions—those with \$100 million or more in total acceptances. The new reporting group accounts for over 90 percent of total acceptances activity.

2. Effective December 31, 1987, eight brokers and dealers in commercial paper were added to the reporting panel resulting in a series break. End of month figures on the old basis are as follows: All issuers, 352,915; financial companies, 275,907; dealer placed, 103,667; directly placed, 172,240; and nonfinancial companies, 77,008.

3. Average for Dec.

4. Pursuant to the 1987 Agricultural Credit Act, the FICBs merged with the FLBs on July 6, 1988. Third quarter loans for the combined FLBs, FLBAs, FICBs, and PCAs are \$42,849 million.

† Effective Aug. 1988 SURVEY, free reserves have been restated to correspond with the Federal Reserve's computation, which is as follows: excess reserves, minus borrowings, plus extended credit. Historical data back to 1961 are available upon request.

‡ Effective Jan. 1988, series revised due to changes in the panel of reporting banks. The new reporting panel of 168 banks accounts for about 52 percent of total assets in U.S. offices of domestically-chartered banks. Back data have been estimated for the years 1984-87.

Includes data for items not shown separately.

‡‡ "Transaction balances other than demand deposits" consists of ATS, NOW, super NOW, and telephone transfer accounts.

§ 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).

* New series. Source: The Employment and Training Administration. Covers 50 States and the District of Columbia. Only regular benefits are included.

@ Insured unemployment as a percent of covered employment in a 12-month period.

** Effective Aug. 1987 SURVEY, data are provided by the Farm Credit Corporation of America on a quarterly basis. Quarterly data are available back to first quarter 1985, with annual data available back to 1961.

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 temporarily suspended by the Farm Credit Administration, which is revising the information it collects and amending the reports it distributes.

§ Effective Mar. 1988 SURVEY, data have been revised to reflect new benchmark and seasonal adjustments. These revisions are available upon request.

† Effective Apr. 1988 SURVEY, the consumer installment credit series have been revised back to Jan. 1980 to reflect newly available historical information and to incorporate new seasonal factors. These revisions are available upon request.

Includes data for items not shown separately.

◇ Adjusted to exclude domestic commercial interbank loans and federal funds sold to domestic commercial banks.

‡ Rates on the commercial paper placed for firms whose bond rating is Aa or the equivalent.

§§ Effective Sept. 1988 SURVEY, the outlays by month for fiscal year (FY) 1987 have been increased by a net of \$582 million to reflect reclassification of the Thrift Savings Fund receipts of \$736 million and Federal Retirement Thrift Investment Board (FRTIB) administrative expenses of \$154 million to a non-budgetary status. The FRTIB outlays by month for 1988 have been adjusted by a net of \$1,084 million. Data for fiscal years 1987 and 1988 previously reported by Treasury for Federal Savings and Loan Insurance Corporation (FSLIC) and FRTIB have been reclassified in consultation with the Office of Management and Budget resulting in revised totals back to April 1987. Effective Apr. 1988 SURVEY, a total adjustment of \$920 million for FY 1987 and \$1,565 million thru Feb. 1988 has been distributed by month for notes issued by the FSLIC in lieu of cash and not reported as outlays. The previous adjustment, in the Feb. 1988 SURVEY, has been reversed prior to these corrections. Effective Sept. 1987 SURVEY, the outlays for the Federal Deposit Insurance Corporation (FDIC) have been adjusted by \$442 million for 1986 and \$158 million for 1987 to reflect FDIC debentures issued in lieu of cash and not reported previously as outlays.

‡‡ Courtesy of *Metals Week*.

@ @ Average effective rate

@ Revised for periods between October 1986 and February 1987. During this interval, outstanding gold certificates were inadvertently in excess of the gold stock.

Page S-15

1. Beginning in the first quarter 1987, the universe of manufacturing corporations was redefined to exclude corporations with less than \$250,000 in assets at the time of sample selection.

† Effective Feb. 1989 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) RPs are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.

@ Small time deposits are those issued in amounts of less than \$100,000. Large time deposits are those issued in amounts of \$100,000 or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions.

Includes data for items not shown separately.

§ Effective Apr. 1988 SURVEY, 1987 data have been revised. Revisions for Jan. 1987: long-term, 7,486; short-term, 372.

Page S-16

@ Effective with the June 1988 SURVEY, total exports and imports have been revised back to Jan. 1986. These revisions are available upon request. 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.

† Effective with the June 1988 SURVEY, seasonal adjustment of exports and imports was reintroduced. The monthly data were last adjusted for December 1985. Historical data from Jan. 1986 forward are available upon request.

§ 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.

Page S-17

@ 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. Annual total; quarterly or monthly revisions are not available.

2. Restaurant sales index data represent hotels and motor hotels only.

3. For month shown.

Includes data for items not shown separately.

§ Data include revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.

* Data have been revised back to 1981. They now include commuter railroads and small transit systems. Revised data are available upon request.

‡ 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.

Page S-19

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

2. Less than 500 short tons.

Includes data for items not shown separately.

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

‡ Data for 1985-86 (and 1984, for inorganic chemical production items) have been revised. Effective with the Jan. 1989 SURVEY, series for industrial gases have been revised for 1986 and 1987. Effective with the Feb. 1989 SURVEY, series for inorganic chemicals and fertilizer materials have been revised for 1986 and 1987. These revisions are available upon request.

◇ Beginning January, 1986, data are not directly comparable to earlier periods because the data represent only companies that have annual revenues over \$100 million.

Page S-20

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

2. Quarterly data are no longer available.

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

◇ Effective with the Jan. 1989 SURVEY, data for 1986 and 1987 have been revised and are available upon request.

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

† Effective with the May 1988 SURVEY, data have been revised back to 1985 and are available upon request.

‡ Effective with the Nov. 1988 SURVEY, data for 1986 and 1987 have been revised and 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. Less than 50,000 bushels.

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 "\$" for p. S-6 regarding a change to a new reference base in 1988.

9. Prices are no longer available.

10. Based on quotations for fewer than 12 months.

11. Crop estimate for 1988.

12. Beginning with Sept. 1, 1988 data, quarterly stock estimates have been reinstated.

§ Excludes pearl barley.

Bags of 100 lbs.

@ 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. Monthly quotation not available.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 3. See note "+" for this page.
 4. See note "†" for this page.
 5. Series has been discontinued by the source.
- ‡ Beginning with Sept. 1988 data, price represents dollars per head and is not comparable with earlier prices, which represent dollars per 100 pounds.
- § Cases of 30 dozen.
- ◇ Bags of 60 kilograms.
- † Effective with the release of 1st Qtr. 1988 data, the import price index for coffee has been discontinued by BLS and replaced in the SURVEY with the import price index for coffee and coffee substitutes. The weighting structure used for the import price index reflects U.S. foreign trade flows based on 1985 data. Indexes, beginning with 2nd Qtr. 1975, are available upon request.

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 publication standards of the Bureau of the Census.
 4. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 5. Crop estimate for 1988.
- # Totals include data for items not shown separately.
- ◇ Effective Oct. 1988 SURVEY, the footwear production series have been revised for 1986 and 1987. These revisions are available upon request.

Page S-24

1. Annual data; monthly revisions not available.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 3. Less than 500 tons.
- * New series from the American Metal Market. The composite scrap price represents the average of consumers' buying prices, delivered, at the following markets: Chicago, Pittsburgh, and Philadelphia. Annual and monthly composite price data are available back to January 1982.

Page S-25

1. Annual data; monthly revisions are not available.
 2. For month shown.
- @ Beginning 1987, includes foreign ores.
- † Beginning January 1982, data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.
- ◇ The source for these series is now the Bureau of Mines.
- § Source: *Metals Week*.

Page S-26

1. Annual data; monthly revisions are not available.
 2. Less than 50 tons.
 3. Total for 5 months; data for May, June, Sept., Nov., and Dec.
 4. Total for 10 months; no data for Jan. and Feb.
- ◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
- @ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.
- ‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
- # Includes data not shown separately.
- § Beginning with the Aug. 1985 SURVEY, unadjusted fluid power shipments indexes are shown. Seasonally adjusted indexes are no longer available.
- * New series from The Material Handling Institute, Inc. and Cahners Economics. Includes bookings (new orders) for automatic guided vehicles, automated storage and retrieval systems, below hook lifters, cranes, hoists, monorails, racks, shelving, casters and floor trucks, and conveyors. Annual and quarterly historical data back to 1972 are available upon request.
- @@ Beginning Oct. 1986, the Lead price represents North American Mean.

Page S-27

1. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 2. Beginning January 1986, data have been restated because a new methodology has been adopted.
 3. Annual total includes revisions not distributed to the months.
- # Includes data for items not shown separately.
- § Includes nonmarketable catalyst coke. See also note "††" for this page.
- ◇ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.
- † Effective with the Oct. 1987 SURVEY, coal production data for 1986 have been revised. Effective with the May 1988 SURVEY, coal consumption and stocks back through 1986 have been revised. Effective with the Oct. 1988 SURVEY, coal production data for 1987 have been revised. These revisions are available upon request.
- @ Includes U.S. produced and imported microwave ovens and combination microwave oven/ranges.

- ‡ "Tractor shovel loaders" includes some front engine mount wheel tractors that had previously been included in "Tractors, wheel, farm, and nonfarm."
- †† Effective with the June 1988 SURVEY, data for 1987 have been revised and are available upon request.
- ‡‡ March, June, September and December are five-week months. All others consist of four weeks.

Page S-28

1. Reported annual totals; revisions not allocated to the months.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
- # Includes data for items not shown separately.
- † Except for price data, see note "††" for p. S-27.

Page S-29

1. Reported annual totals; revisions not allocated to the months.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
- ◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.
- # Compiled by the American Newspaper Publishers Association.
- † Effective with the April 1988 SURVEY, the import price index for natural rubber has been revised. The index is now expressed on a base of 1985=100. Also new weights based on 1985 trade flows have been applied to all data from 1985 onward. Revised data are available back to 4th qtr. 1983.

Page S-30

1. Reported annual total; revisions not allocated to the months.
 2. Data are being withheld to avoid disclosing data from individual firms.
 3. Data cover five weeks; other months, four weeks.
- # Includes data for items not shown separately.
- ◇ Cumulative earnings to the end of month indicated.
- § Bales of 480 lbs.
- † Data for 1987 have been revised and are available upon request.

Page S-31

1. Less than 500 bales.
 2. Annual total includes revisions not distributed to the months.
 3. Average for crop year; Aug. 1-Jul. 31.
 4. For five weeks; other months four weeks.
 5. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
- ◇ 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).
- # Beginning 1st Qtr. 1986; quarterly data are estimated by the American Textile Manufacturers Institute based on annual data collected by the Bureau of Census.
- § Bales of 480 lbs.
- † Beginning 1st Qtr. 1987, data are not comparable with earlier periods. Girls apparel are now included with women's, misses' and juniors' and boys' apparel are now included with men's. Also, some classification changes were made.

Page S-32

1. Annual total includes revisions not distributed to the months.
 2. Production of new vehicles (thous. of units) for Jan. 1989: *passenger cars*, 638; *trucks and buses*, 376.
 3. Data are reported on an annual basis only.
 4. Effective with the Feb. 1988 SURVEY, data have been revised back to 1985 and are available upon request.
 5. Beginning with January 1987, data include Honda, Nissan, and Toyota passenger cars produced in U.S. plants.
 6. Beginning with January 1987, data include Nissan trucks produced in U.S. plants.
 7. Beginning with 1st qtr. 1987, jeans, jean-cut casual and dungarees are included with trousers.
 8. See note "†" for this page.
 9. Effective with July 1988 SURVEY, data have been revised back to 1985 and are available upon request.
 10. Data for jumpers are included with dresses to avoid disclosing information for individual companies.
- # 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.
- ‡ Excludes railroad-owned private refrigerator cars and private line cars.
- † Effective with the Mar. 1988 SURVEY, retail inventories for trucks and buses have been restated to exclude captive imports (vehicles manufactured overseas by U.S. affiliates). These data are available back through 1966.
- ‡‡ See note "†" for page S-31.

Index to Current Business Statistics

Sections				
General:		Disposition of personal income	1	National parks, visits
Business indicators	1-5	Distilled spirits	20	Newsprint
Commodity prices	5, 6	Dividend payments	1, 15	New York Stock Exchange, selected data
Construction and real estate	7, 8	Drugstores, sales	8, 9	Nonferrous metals
Domestic trade	8, 9	Earnings, weekly and hourly	12	Oats
Labor force, employment, and earnings	9-13	Eating and drinking places	8, 9	Oils and fats
Finance	13-16	Eggs and poultry	5, 22	Orders, new and unfilled, manufacturers'
Foreign trade of the United States	16-18	Electric power	2, 20	Outlays, U.S. Government
Transportation and communication	18, 19	Electrical machinery and equipment	2-5, 10-12, 15, 27	Paint and paint materials
Industry:		Employee-hours, aggregate, and indexes	11	Paper and products and pulp
Chemicals and allied products	19, 20	Employment and employment cost	10-12	Parity ratio
Electric power and gas	20	Exports (see also individual commodities)	16-18	Passenger cars
Food and kindred products; tobacco	20-23	Failures, industrial and commercial	5	Passports issued
Leather and products	23	Farm prices	5, 6	Personal consumption expenditures
Lumber and products	23, 24	Fats and oils	17	Personal income
Metals and manufactures	24-27	Federal Government finance	14	Personal outlays
Petroleum, coal, and products	27, 28	Federal Reserve System	13	Petroleum and products
Pulp, paper, and paper products	28, 29	Federal Reserve member banks	13	Pig iron
Rubber and rubber products	29	Fertilizers	19	Plastics and resin materials
Stone, clay, and glass products	30	Fish	23	Population
Textile products	30-32	Flooring, hardwood	24	Pork
Transportation equipment	32	Flour, wheat	22	Poultry and eggs
Footnotes	32-35	Fluid power products	26	Price deflator, implicit (PCE)
		Food products	2-6, 8, 10-12, 15, 17, 20-23	Prices (see also individual commodities)
		Foreign trade (see also individual commod.)	16-18	Printing and publishing
		Freight cars (equipment)	32	Private sector employment, hours, earnings
		Fruits and vegetables	5	Producer Price Indexes (see also individual commodities)
		Fuel oil	6, 28	Profits, corporate
		Fuels	2, 6, 17, 27, 28	Public utilities
		Furnaces	27	Pulp and pulpwood
		Furniture	2, 6, 8-12	Purchasing power of the dollar
		Gas, output, prices, sales, revenues	2, 6, 20	Radio and television
		Gasoline	28	Railroads
		Glass and products	30	Ranges and microwave ovens
		Glycerin	19	Rayon and acetate
		Gold	14	Real estate
		Grains and products	5, 21, 22	Receipts, U.S. Government
		Grocery stores	9	Refrigerators
		Gypsum and products	30	Registrations (new vehicles)
		Hardware stores	8	Rent (housing)
		Heating equipment	26	Retail trade
		Help-wanted advertising index	12	Rice
		Hides and skins	6	Rubber and products (incl. plastics)
		Hogs	22	Saving, personal
		Home loan banks, outstanding advances	8	Savings deposits
		Home mortgages	8	Savings institutions
		Hotels, motor hotels, and economy hotels	18	Securities issued
		Hours, average weekly	11	Security markets
		Household furnishings	2, 4-6, 8, 9	Services
		Household appliances, radios, and television sets	27	Sheep and lambs
		Housing starts and permits	7	Shoes and other footwear
		Imports (see also individual commodities)	17, 18	Silver
		Income, personal	1	Spindle activity, cotton
		Income and employment tax receipts	14	Steel and steel manufactures
		Industrial production indexes:		Stock market customer financing
		By industry	1, 2	Stock prices, yields, sales, etc.
		By market grouping	1, 2	Stone, clay, glass products
		Installment credit	14	Sugar
		Instruments and related products	2-4, 10-12	Sulfur
		Interest and money rates	14	Sulfuric acid
		Inventories, manufacturers' and trade	3, 4, 8, 9	Superphosphate
		Inventory-sales ratios	3	Synthetic textile products
		Iron and steel	2, 15, 24, 25	Tea imports
		Labor force	9, 10	Telephone carriers
		Lamb and mutton	22	Television and radio
		Lead	26	Textiles and products
		Leather and products	2, 6, 10-12, 23	Tin
		Livestock	5, 22	Tires and inner tubes
		Loans, real estate, agricultural, bank (see also Consumer credit)	8, 13	Tobacco and manufactures
		Lubricants	28	Tractors
		Lumber and products	2, 6, 10-12, 23, 24	Trade (retail and wholesale)
		Machine tools	26	Transit lines, urban
		Machinery	2-6, 10-12, 15, 17, 26, 27	Transportation
		Manufacturers' sales (or shipments), inventories, orders	3-5	Transportation equipment
		Manufacturing employment, unemployment, production workers, hours, earnings	10-12	Travel
		Manufacturing production indexes	1, 2	Truck trailers
		Meat animals and meats	5, 22	Trucks
		Medical care	6	Unemployment and insurance
		Metals	2-6, 10-12, 15, 24-26	U.S. Government bonds
		Milk	21	U.S. Government finance
		Mining	2, 10-12	Utilities
		Mobile homes, shipments, installment credit	7, 14	Vacuum cleaners
		Monetary statistics	15	Variety stores
		Money and interest rates	14	Vegetables and fruits
		Money supply	15	Wages and salaries
		Mortgage applications, loans, rates	8, 13, 14	Washers and dryers
		Motor carriers	18	Water heaters
		Motor vehicles	2-4, 6, 8, 9, 15, 17, 32	Wheat and wheat flour
				Wholesale trade
				Wood pulp
				Wool and wool manufactures
				Zinc

BEA Information

Available From GPO

SURVEY OF CURRENT BUSINESS. Contains estimates and analyses of U.S. economic activity. Features include a review of current economic developments; articles pertaining to BEA's work on the national, regional, and international economic accounts and related topics; quarterly national income and product accounts tables; and 36 pages of tables that present over 1,900 major economic series obtained from other public and private sources. Monthly. \$6.50 single copy; \$18.00 per year.

Business Statistics: 1986. (1987) Provides monthly or quarterly data for 1983-86 and annual data for 1961-86 for series that appear in the SURVEY OF CURRENT BUSINESS. Also contains definitions of terms, sources of data, and methods of compilation. 325 pages. \$16.00 (GPO Stock No. 003-010-00181-0).

Business Conditions Digest. Contains tables and charts for 300 series, including business cycle indicators and other series that help evaluate business conditions. Features the composite indexes of leading, coincident, and lagging indicators. Also included are cyclical comparison charts and data sources. Monthly. \$4.00 single copy; \$44.00 per year.

Handbook of Cyclical Indicators. (1984) Contains series descriptions and data for 1947-82 for all series that appear in Business Conditions Digest. Features the composite indexes of cyclical indicators. 195 pages. \$5.50 (GPO Stock No. 003-010-00127-5).

The National Income and Product Accounts of the United States, 1929-82: Statistical Tables. (1986) Contains detailed estimates of the national income and product accounts for 1929-82 from the comprehensive revision released in 1985. Also includes definitions of the major components of the accounts and of the major sectors of the economy. 442 pages. \$23.00 (GPO Stock No. 003-010-00174-7).

BEA Methodology Paper No. 1: Introduction to National Economic Accounting. (1985) Introduces the concepts of the national income and product accounts by placing these accounts within the framework of national economic accounting. Shows how the national income and product accounts, capital finance accounts, and input-output accounts—the major branches of national economic accounting in the United States—are derived from the conventional accounting statements. 19 pages. \$1.25 (GPO Stock No. 003-010-00158-5).

BEA Methodology Paper No. 2: Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends. (1985) Describes the concepts, sources, and methods of the corporate profits components of the national income and product accounts. 61 pages \$2.50 (GPO Stock No. 003-010-00143-7).

BEA Methodology Paper No. 3: Foreign Transactions. (1987) Describes the preparation of estimates in the national income and product accounts (NIPA's) of net exports (both current- and constant-dollar), transfer payments to foreigners, capital grants received by the United States, interest paid by Government to foreigners, and net foreign investment. Also describes the relationship between foreign transactions estimates in the NIPA's and those in the balance of payments accounts. 52 pages. \$2.75 (GPO Stock No. 003-010-00178-0).

BEA Methodology Paper No. 4: GNP: An Overview of Source Data and Estimating Methods. (1987) Provides basic information about GNP, including the conceptual basis for the account that presents GNP, definitions of each of the components on the income and product side of that account, and a summary, presented in tabular form, of the source data and methods used in preparing estimates of current- and constant-dollar GNP. Also provides an annotated bibliography, with a directory, of the more than 50 items over the last decade that provided methodological information about GNP. 36 pages. \$2.00 (GPO Stock No. 003-010-00179-8).

BEA Methodology Paper No. 5: Government Transactions. (1988) Presents the conceptual basis and framework of government transactions in the national income and product accounts; describes the presentations of the estimates; and delineates the sources and methods used to prepare estimates of Federal transactions and of State and local transactions. 112 pages. \$5.50 (GPO Stock No. 003-010-00187-9).

Index of Items Appearing in the National Income and Product Accounts Tables. (1987) Indexes general subject areas as well as detailed line items in the national income and product accounts tables. 18 pages. \$1.25 (GPO Stock No. 003-010-00180-1).

Fixed Reproducible Tangible Wealth in the United States, 1925-85. (1987) Contains annual estimates of the stock of privately owned and government-owned durable equipment and structures and of durable goods owned by consumers in the United States for 1925-85. Estimates are for fixed nonresidential private capital by major industry group (farm, manufacturing, and nonfarm nonmanufacturing), for residential capital by tenure group (owner-occupied and tenant-occupied), for government-owned fixed capital by type of government (Federal and State and local), and for 11 types of durable goods owned by consumers. 400 pages. \$18.00 (GPO Stock No. 003-010-00177-1).

Local Area Personal Income, 1981-86. (1988) Contains estimates of personal income by major type of payment and earnings by major industry, population, and total and per capita personal income for regions, States, counties, and metropolitan areas.

Vol. 1. Summary: Regions, States, and Metropolitan Areas. Estimates for the United States, regions, States, and metropolitan areas. Also contains county definitions of metropolitan areas, a detailed description of sources and methods, and samples of tables available. 254 pages. \$13.00 (GPO Stock No. 003-010-00182-3).

Vol. 2. New England, Mideast, and Great Lakes Regions. (CT, DE, DC, IL, IN, ME, MD, MA, MI, NH, NJ, NY, OH, PA, RI, VT, WI) 276 pages. \$14.00 (GPO Stock No. 003-010-00183-6).

Vol. 3. Plains Region. (IA, KS, MN, MO, NE, ND, SD) 190 pages. \$11.00 (GPO Stock No. 003-010-00184-4).

Vol. 4. Southeast Region. (AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, VA, WV) 326 pages. \$16.00 (GPO Stock No. 003-010-00185-2).

Vol. 5. Southwest, Rocky Mountain, and Far West Regions and Alaska and Hawaii. (AK, AZ, CA, CO, HI, ID, MT, NV, NM, OK, OR, TX, UT, WA, WY) 278 pages. \$14.00 (GPO Stock No. 003-010-00186-1).

Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II). (1986) Contains an explanation of how to use regional input-output multipliers, by industry, for output, earnings, and employment. 131 pages. \$6.50 (GPO Stock No. 003-010-00163-1).

TO ORDER: The GPO publications listed above must be ordered from: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Payment may be by check (made payable to Superintendent of Documents) or charged to a GPO deposit account number, VISA, or MasterCard. To order by phone: (202) 788-3238.

Available From BEA

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Preliminary 1986 Estimates. (1988) Contains information on the financial structure and operations of nonbank U.S. affiliates of foreign direct investors. Data are classified by industry of U.S. affiliate, by country and industry of ultimate beneficial owner, and, for selected data, by State. 56 pages. \$5.00 (Accession No. BEA-IID-88-102).

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Preliminary 1986 Estimates. (1988) Contains information on the financial structure and operations of both U.S. parent companies and their foreign affiliates. Data are classified by country and industry of foreign affiliate and by industry of U.S. parent. 76 pages. \$5.00 (Accession No. BEA-IID-88-104).

BEA Working Paper No. 6: Status Report on Statistical and Methodological Improvements in the U.S. Balance of Payments Statistics. (1988) Reviews major problems, such as timing and coverage, in the balance of payments accounts; describes statistical and methodological improvements BEA has undertaken to resolve some of the problems; and discusses projects for future improvements. 20 pages. \$5.00 (Accession No. BEA-OD-88-001).

TO ORDER: The BEA publications listed above must be ordered from: Economic and Statistical Analysis/BEA, U.S. Department of Commerce, Citizens and Southern National Bank, 222 Mitchell St., P.O. Box 100606, Atlanta, GA 30384. Orders must include a check, payable to Economic and Statistical Analysis/BEA. For further information, call (202) 523-0777.

BEA's economic information is available in publications, on computer tapes, on diskettes, and through a variety of other products and services. Most of these are described in *A User's Guide to BEA Information*. For a copy, send a self-addressed stamped envelope (8 1/2 by 11 inches, with 75 cents postage) to Public Information Office, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

UNITED STATES
 GOVERNMENT PRINTING OFFICE
 SUPERINTENDENT OF DOCUMENTS
 WASHINGTON, D C 20402

OFFICIAL BUSINESS

Penalty for Private Use, \$300

SECOND CLASS MAIL

POSTAGE AND FEES PAID
 U.S. GOVERNMENT PRINTING OFFICE

USPS Pub. No. 337-790

1989 RELEASE DATES FOR BEA ESTIMATES

Subject	Release Date*	Subject	Release Date*
State Personal Income, 3d quarter 1988	Jan. 24	State Personal Income, 1st quarter 1989	July 20
Gross National Product, 4th quarter 1988 (advance).....	Jan. 27	Gross National Product, 2d quarter 1989 (advance)	July 27
Personal Income and Outlays, December 1988	Jan. 30	Personal Income and Outlays, June 1989.....	July 28
Composite Indexes of Leading, Coincident, and Lagging Indicators, December 1988.	Feb. 1	Composite Indexes of Leading, Coincident, and Lagging Indicators, June 1989.	Aug. 3
Gross National Product, 4th quarter 1988 (preliminary).....	Feb. 28	State Per Capita Personal Income, 1988 (revised).....	Aug. 23
Merchandise Trade (balance of payments basis), 4th quarter 1988.....	Feb. 28	Merchandise Trade (balance of payments basis), 2d quarter 1989	Aug. 28
Personal Income and Outlays, January 1989	Mar. 1	Gross National Product, 2d quarter 1989 (preliminary).....	Aug. 29
Composite Indexes of Leading, Coincident, and Lagging Indicators, January 1989.	Mar. 3	Corporate Profits, 2d quarter 1989	Aug. 29
Summary of International Transactions, 4th quarter 1988.....	Mar. 14	Personal Income and Outlays, July 1989.....	Aug. 30
Gross National Product, 4th quarter 1988 (final).....	Mar. 23	Composite Indexes of Leading, Coincident, and Lagging Indicators, July 1989.	Sept. 1
Corporate Profits, 4th quarter 1988	Mar. 23	Summary of International Transactions, 2d quarter 1989	Sept. 12
Personal Income and Outlays, February 1989.....	Mar. 24	Gross National Product, 2d quarter 1989 (final).....	Sept. 21
Composite Indexes of Leading, Coincident, and Lagging Indicators, February 1989.	Mar. 29	Corporate Profits, 2d quarter 1989 (revised).....	Sept. 21
State Personal Income, 4th quarter 1988 and Per Capita Personal Income, 1988 (preliminary).	Apr. 20	Personal Income and Outlays, August 1989.....	Sept. 22
Gross National Product, 1st quarter 1989 (advance)	Apr. 26	Composite Indexes of Leading, Coincident, and Lagging Indicators, August 1989.	Sept. 29
Corporate Profits, 4th quarter 1988 (revised).....	Apr. 26	State Personal Income, 2d quarter 1989	Oct. 19
Personal Income and Outlays, March 1989.....	Apr. 27	Gross National Product, 3d quarter 1989 (advance)	Oct. 26
Composite Indexes of Leading, Coincident, and Lagging Indicators, March 1989.	May 3	Personal Income and Outlays, September 1989	Oct. 27
Metropolitan Area Personal Income, 1987	May 4	Composite Indexes of Leading, Coincident, and Lagging Indicators, September 1989.	Oct. 31
Gross National Product, 1st quarter 1989 (preliminary).....	May 25	Merchandise Trade (balance of payments basis), 3d quarter 1989	Nov. 28
Corporate Profits, 1st quarter 1989.....	May 25	Gross National Product, 3d quarter 1989 (preliminary).....	Nov. 29
Merchandise Trade (balance of payments basis), 1st quarter 1989	May 26	Corporate Profits, 3d quarter 1989.....	Nov. 29
Personal Income and Outlays, April 1989	May 26	Personal Income and Outlays, October 1989.....	Nov. 30
Composite Indexes of Leading, Coincident, and Lagging Indicators, April 1989.	May 31	Composite Indexes of Leading, Coincident, and Lagging Indicators, October 1989.	Dec. 1
Summary of International Transactions, 1st quarter 1989	June 13	Summary of International Transactions, 3d quarter 1989	Dec. 13
Gross National Product, 1st quarter 1989 (final).....	June 22	Gross National Product, 3d quarter 1989 (final).....	Dec. 20
Corporate Profits, 1st quarter 1989 (revised).....	June 22	Corporate Profits, 3d quarter 1989 (revised).....	Dec. 20
Personal Income and Outlays, May 1989.....	June 23	Personal Income and Outlays, November 1989	Dec. 21
Composite Indexes of Leading, Coincident, and Lagging Indicators, May 1989.	June 28	Composite Indexes of Leading, Coincident, and Lagging Indicators, November 1989.	Dec. 29

* These are target dates and are subject to revision.

For information, call (202) 523-0777, Bureau of Economic Analysis, U.S. Department of Commerce.