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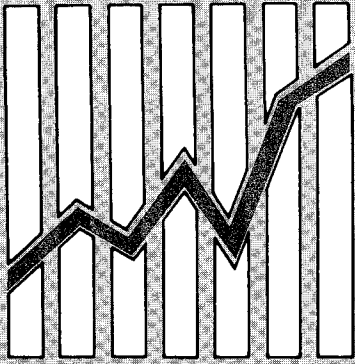
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SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS



SURVEY OF CURRENT BUSINESS



U.S. Department of Commerce

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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

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(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...

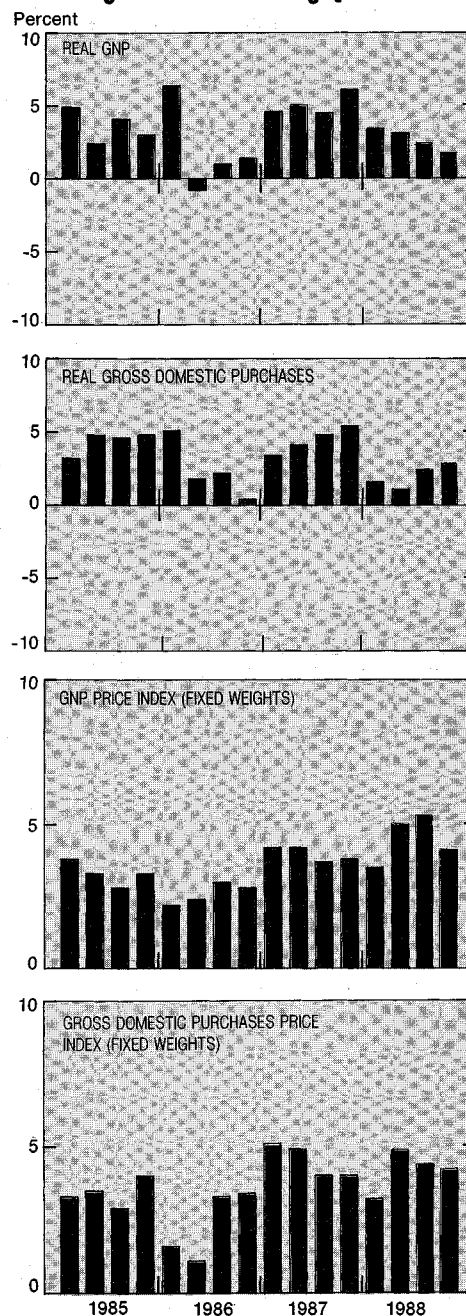
- **User's Guide.** An updated "User's Guide to BEA Information" will appear in the March SURVEY. It will list new prices, to be effective May 1, for some products. The price for magnetic tapes, for example, will be reduced.

- **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	464.8	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
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 purchases ¹	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 purchasers ²	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 purchases ¹	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 purchasers ²	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	3,032.8	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	533.0	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
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
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 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
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	
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	
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 83.4 30.8	240.4 136.2 104.2 91.3 12.9	256.0 136.9 119.2 75.3 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	
Capital consumption adjustment.....	51.7	45.6	52.1	52.4	49.4	48.0	45.4	
Net interest.....	85.2	99.8	88.6	93.5	98.9	97.1	101.4	
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	
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	
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 83.9 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	
Capital consumption adjustment.....	45.3	37.6	45.3	45.0	41.5	39.5	37.1	
Net interest.....	98.6	113.9	101.6	106.6	107.1	110.7	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	
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	
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 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
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 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
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	-23.3	-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	228.5	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 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
National defense purchases	295.3	298.0	299.8	299.2	298.4	298.8	294.3	300.6
Durable goods	89.8	83.8	93.1	88.4	83.8	84.2	81.7	85.7
Military equipment.....	77.3	72.9	79.9	75.9	72.3	73.3	70.9	75.1
Aircraft.....	33.4	29.1	35.4	33.7	29.8	29.8	27.4	29.4
Missiles.....	13.0	12.7	12.5	13.3	11.7	12.8	11.7	14.5
Ships.....	8.5	8.5	8.4	8.2	8.4	7.9	8.0	9.5
Vehicles.....	4.8	4.1	4.4	4.6	4.5	4.2	4.2	3.7
Electronic equipment.....	5.8	6.0	5.9	5.6	5.9	6.0	5.7	6.3
Other.....	11.8	12.5	13.4	10.5	12.0	12.6	13.8	11.6
Other durable goods.....	12.5	11.0	13.2	12.4	11.5	11.0	10.8	10.6
Nondurable goods	10.5	10.9	10.9	11.3	10.8	11.4	10.7	10.7
Petroleum products.....	4.2	4.4	4.3	5.3	4.3	4.4	4.3	4.6
Ammunition.....	3.8	3.9	4.1	3.6	3.8	4.5	3.7	3.6
Other nondurable goods.....	2.5	2.5	2.5	2.4	2.6	2.4	2.7	2.4
Services	187.8	196.2	188.1	191.9	197.3	195.8	194.8	196.9
Compensation of employees.....	108.9	112.9	109.0	110.0	112.7	112.6	112.9	113.5
Military.....	73.2	75.8	73.1	73.9	75.5	75.7	75.9	76.2
Civilian.....	35.7	37.1	35.9	36.2	37.2	37.0	37.0	37.3
Other services.....	78.9	83.2	79.1	81.9	84.6	83.1	81.8	83.4
Contractual research and development.....	28.5	30.5	27.6	28.4	30.6	30.2	30.1	31.0
Installation support ¹	22.3	23.9	22.8	23.4	24.7	23.9	23.6	23.3
Weapons support ²	9.0	9.2	9.2	9.3	9.3	9.2	9.2	9.1
Personnel support ³	11.3	11.6	12.1	11.9	11.7	11.6	11.7	11.4
Transportation of materiel.....	4.0	4.1	4.2	4.5	4.3	4.2	3.9	4.0
Travel of persons.....	3.8	3.9	3.8	3.9	3.7	3.9	3.9	3.9
Other.....	0	.1	-.6	.7	.3	.1	-.5	.7
Structures	7.2	7.1	7.8	7.6	6.6	7.5	7.2	7.3
Military facilities.....	4.9	4.7	5.2	5.3	4.2	5.0	4.9	4.7
Other.....	2.4	2.4	2.5	2.3	2.4	2.4	2.3	2.6

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

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

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

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

[Billions of dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Receipts from foreigners	428.0	520.2	440.4	459.7	487.8	507.1	536.1	549.7
Exports of goods and services	428.0	520.2	440.4	459.7	487.8	507.1	536.1	549.7
Merchandise.....	254.8	322.1	264.8	276.7	300.8	316.9	331.0	359.8
Durable goods.....	158.3	201.6	163.5	175.0	188.2	198.4	204.8	214.9
Nondurable goods.....	96.4	120.5	101.3	101.7	112.5	118.5	126.1	124.9
Services.....	173.3	198.1	175.6	183.0	187.0	190.2	205.1	209.9
Factor income ¹	96.1	111.8	97.3	105.1	104.7	104.2	116.1	122.0
Other.....	77.2	86.3	78.3	77.9	82.3	86.1	89.0	87.9
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners	428.0	520.2	440.4	459.7	487.8	507.1	536.1	549.7
Imports of goods and services	551.1	614.5	565.6	585.4	599.9	597.5	616.0	644.5
Merchandise.....	413.0	449.3	421.7	438.0	441.7	439.4	448.6	467.5
Durable goods.....	264.5	294.9	265.2	281.8	287.5	286.6	295.4	312.2
Nondurable goods.....	148.5	154.4	156.5	156.2	154.2	152.7	155.2	155.3
Services.....	138.1	165.2	143.9	147.4	158.2	158.2	167.5	176.9
Factor income ¹	66.6	87.9	70.5	74.1	82.3	82.9	89.3	96.9
Other.....	71.5	77.3	73.4	73.3	75.8	75.3	78.1	80.0
Transfer payments (net)	13.5	13.9	12.0	17.6	12.7	11.8	13.3	17.3
From persons (net).....	1.3	1.0	1.3	1.2	1.2	.8	.8	1.2
From government (net).....	12.2	12.9	10.7	16.4	11.5	11.0	12.5	16.6
Interest paid by government to foreigners	24.1	27.7	23.9	24.6	26.6	26.8	27.8	29.6
Net foreign investment	-160.6	-135.9	-161.1	-167.8	-151.3	-129.1	-121.1	-142.2

1. Line 7 less line 16 equals rest-of-the-world product as shown in table 1.7.

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

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III*	IV	I	II	III	IV ^r
National defense purchases	264.9	261.4	269.5	268.2	264.6	263.6	256.4	261.1
Durable goods	87.9	83.8	92.1	88.4	84.9	85.1	81.2	83.9
Military equipment.....	72.5	69.3	75.9	72.6	69.5	70.3	67.2	70.2
Aircraft.....	30.7	28.0	33.4	31.9	29.0	28.6	26.5	28.0
Missiles.....	12.8	12.7	12.5	13.7	12.2	13.3	11.5	13.9
Ships.....	7.3	7.2	7.2	7.1	7.2	6.8	6.7	8.0
Vehicles.....	5.1	4.4	4.8	4.9	4.7	4.5	4.4	4.0
Electronic equipment.....	5.5	5.7	5.6	5.3	5.5	5.7	5.5	5.9
Other.....	11.0	11.3	12.4	9.7	10.9	11.4	12.5	10.4
Other durable goods.....	15.4	14.5	16.2	15.9	15.4	14.9	14.0	13.7
Nondurable goods	14.7	14.2	14.6	15.6	14.6	14.8	13.2	14.2
Petroleum products.....	8.4	7.8	8.1	9.5	8.3	7.8	6.9	8.2
Ammunition.....	4.0	4.2	4.3	3.9	4.1	4.9	4.0	3.9
Other nondurable goods.....	2.3	2.2	2.3	2.2	2.3	2.2	2.3	2.1
Services	156.4	157.8	156.4	158.0	159.9	157.8	156.4	157.3
Compensation of employees.....	89.3	89.1	89.3	89.5	89.3	88.8	89.0	89.3
Military.....	60.2	60.1	60.2	60.3	60.1	59.9	60.0	60.2
Civilian.....	29.0	29.0	29.1	29.2	29.2	28.9	28.9	29.1
Other services.....	67.2	68.7	67.1	68.6	70.5	69.0	67.4	68.0
Contractual research and development.....	24.7	25.5	23.8	24.2	25.9	25.4	25.0	25.5
Installation support ¹	17.9	18.7	18.1	18.4	19.5	18.8	18.4	18.2
Weapons support ²	7.9	7.8	8.1	8.0	8.0	7.9	7.8	7.7
Personnel support ³	8.8	8.7	9.5	9.0	8.9	8.7	8.7	8.3
Transportation of materiel.....	4.2	4.2	4.4	4.6	4.4	4.3	4.0	4.0
Travel of persons.....	3.7	3.8	3.7	3.8	3.6	3.8	3.8	3.8
Other.....	0	.1	-.5	.5	.2	.1	-.4	.6
Structures	5.9	5.6	6.3	6.1	5.2	5.9	5.6	5.6
Military facilities.....	3.9	3.7	4.2	4.2	3.3	4.0	3.8	3.6
Other.....	2.0	1.9	2.1	1.9	1.9	1.9	1.8	2.0

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

2. Includes depot maintenance and contractual services for weapons systems.

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

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

[Billions of 1982 dollars]

	1987	1988 ^r	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV ^r
Exports of goods and services	427.8	505.2	440.9	459.2	486.2	496.9	514.0	523.6
Merchandise.....	280.1	341.9	291.6	304.6	329.0	339.1	345.9	353.6
Durable goods.....	177.3	226.7	184.0	198.8	215.4	223.1	229.4	238.8
Nondurable goods.....	102.8	115.2	107.7	105.8	113.6	116.0	116.5	114.8
Services.....	147.7	163.3	149.2	154.6	157.1	157.8	168.1	170.0
Factor income ¹	80.3	90.2	81.0	87.0	86.3	84.5	93.0	96.5
Other.....	67.4	73.2	68.2	67.6	70.9	73.3	75.1	73.4
Imports of goods and services	556.7	604.9	571.6	585.2	595.1	589.5	607.9	626.8
Merchandise.....	439.0	469.3	449.5	461.0	463.1	459.1	470.9	484.0
Durable goods.....	260.2	283.0	262.2	276.9	279.1	276.3	283.5	293.1
Nondurable goods.....	178.8	186.3	187.3	184.1	184.1	182.8	187.4	190.9
Services.....	117.7	135.6	122.2	124.2	132.0	130.4	137.0	142.8
Factor income ¹	54.7	69.9	57.7	60.3	66.8	66.3	70.6	75.8
Other.....	63.0	65.7	64.4	63.9	65.2	64.2	66.4	67.0

1. Line 6 less line 13 equals rest-of-the-world product as shown in table 1.8.

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
Capital goods, except autos.....	84.8	101.3	87.0	93.2	96.4	100.7	101.9	106.2
Autos.....	85.2	88.0	84.1	88.7	87.4	84.5	86.4	93.5
Consumer goods.....	88.7	96.4	88.1	92.0	94.2	92.8	96.1	102.5
Durable goods.....	49.0	52.8	48.8	50.6	51.5	50.7	52.6	56.5
Nondurable goods.....	39.7	43.6	39.4	41.4	42.8	42.1	43.4	45.9
Other.....	20.2	22.2	20.5	21.4	21.1	21.1	22.4	24.1
Durable 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
Capital goods, except autos.....	99.4	122.2	104.0	112.2	116.4	121.5	125.0	126.0
Autos.....	68.1	67.0	67.2	69.9	67.7	64.8	65.9	69.7
Consumer goods.....	77.1	78.1	76.2	77.8	77.6	75.0	77.7	82.2
Durable goods.....	43.8	44.1	43.5	44.1	43.8	42.2	44.0	46.7
Nondurable goods.....	33.4	34.0	32.7	33.7	33.8	32.8	33.8	35.5
Other.....	13.3	18.6	18.5	18.9	18.1	17.8	18.8	19.8
Durable 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 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Change in business inventories	39.2	48.6	14.5	72.0	65.3	43.7	49.7	35.6
Farm.....	-1.5	6.2	-3.3	-8	15.9	10.6	7.8	-9.6
Nonfarm.....	40.7	42.4	17.8	72.8	49.4	33.1	41.9	45.2
Change in book value	64.5	78.0	43.2	96.9	78.1	74.7	83.8	75.5
Inventory valuation adjustment ¹	-23.8	-35.6	-25.4	-24.1	-28.7	-41.6	-41.9	-30.3
Manufacturing	6.1	10.3	11.1	14.8	15.4	6.3	6.9	12.8
Durable goods.....	4.6	9.6	7.6	11.7	9.6	6.7	8.5	13.5
Nondurable goods.....	1.5	.8	3.5	3.2	5.8	-.4	-1.6	-.7
Wholesale trade	7.4	10.1	-3.4	22.0	24.6	-.4	11.1	5.3
Durable goods.....	5.3	8.5	-5.3	15.4	21.2	-7.9	16.8	3.8
Nondurable goods.....	2.1	1.7	1.9	6.6	3.4	7.5	-5.7	1.5
Merchant wholesalers	7.2	8.6	-3.7	20.1	22.6	.3	8.2	3.2
Durable goods.....	4.8	6.9	-5.7	13.6	19.3	-7.8	14.7	1.4
Nondurable goods.....	2.3	1.7	2.0	6.5	3.3	8.1	-6.5	1.8
Nonmerchant wholesalers.....	.2	1.6	.4	1.8	2.0	-.7	2.8	2.1
Durable goods.....	.5	1.6	.5	1.8	1.9	-.1	2.1	2.4
Nondurable goods.....	-.3	0	-.1	.1	.2	-.6	.8	-.3
Retail trade	21.3	11.4	2.9	28.2	1.2	15.6	13.3	15.6
Durable goods.....	14.6	8.5	-2.7	21.9	-7.0	14.5	14.4	12.2
Automotive.....	10.6	5.2	-3.5	15.1	-11.6	12.7	10.1	9.7
Other.....	4.0	3.2	-.8	6.8	4.6	1.8	4.4	2.6
Nondurable goods.....	6.7	2.9	5.6	6.2	8.2	1.1	-1.1	3.3
Other	5.9	10.5	7.1	7.8	8.2	11.6	10.7	11.5
Durable goods.....	2.0	4.5	3.2	1.4	2.9	4.5	5.4	5.2
Nondurable goods.....	3.9	6.0	3.9	6.4	5.3	7.0	5.3	6.3

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

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

[Billions of dollars]

	Seasonally adjusted quarterly totals					
	1987		1988			
	III	IV	I	II	III	IV*
Inventories¹	914.1	941.5	965.2	992.3	1,015.8	1,035.7
Farm.....	68.2	68.8	72.6	78.7	81.8	80.7
Nonfarm.....	845.9	872.8	892.6	913.6	934.0	954.9
Durable goods.....	494.0	513.3	525.5	533.3	549.0	563.8
Nondurable goods.....	351.9	359.5	367.1	380.2	385.0	391.1
Manufacturing	337.8	346.2	353.4	360.4	366.0	372.9
Durable goods.....	225.2	231.9	236.1	240.6	244.8	250.9
Nondurable goods.....	112.6	114.3	117.3	119.7	121.3	122.1
Wholesale trade	194.0	201.0	209.3	213.6	219.5	222.6
Durable goods.....	125.4	130.6	137.0	136.4	141.9	144.5
Nondurable goods.....	68.7	70.5	72.3	77.2	77.6	78.1
Merchant wholesalers	168.7	175.2	182.7	186.7	191.8	194.2
Durable goods.....	110.5	115.0	120.8	120.1	124.8	126.7
Nondurable goods.....	58.2	60.2	61.9	66.7	67.0	67.5
Nonmerchant wholesalers	25.3	25.8	26.7	26.9	27.7	28.5
Durable goods.....	14.9	15.6	16.2	16.4	17.0	17.8
Nondurable goods.....	10.4	10.2	10.5	10.5	10.7	10.6
Retail trade	205.5	213.7	215.2	221.5	226.7	232.6
Durable goods.....	103.4	109.4	108.0	112.3	116.6	120.7
Automotive.....	52.8	56.7	53.8	57.2	60.0	63.0
Other.....	50.6	52.7	54.2	55.1	56.6	57.7
Nondurable goods.....	102.1	104.3	107.2	109.1	110.1	111.9
Other	108.5	111.7	114.7	118.1	121.8	126.7
Final sales²	323.3	325.1	330.2	339.5	344.6	352.2
Final sales of goods and structures²	186.6	185.6	187.8	194.0	196.5	201.0
Ratio of inventories to final sales						
Inventories to final sales.....	2.83	2.90	2.92	2.92	2.95	2.94
Nonfarm inventories to final sales.....	2.62	2.68	2.70	2.69	2.71	2.71
Nonfarm inventories to final sales of goods and structures.....	4.53	4.70	4.75	4.71	4.75	4.75

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in business inventories (CBI) component of GNP. The former is the difference between two inventory stocks, each valued at their respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas CBI is stated at annual rates.
 2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

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

[Billions of 1982 dollars]

	1987	1988*	Seasonally adjusted at annual rates					
			1987		1988			
			III	IV	I	II	III	IV*
Change in business inventories	34.4	42.5	13.0	67.1	66.0	35.3	39.5	29.3
Farm.....	-2.5	2.5	-5.3	-1.1	14.1	5.3	-.8	-8.3
Nonfarm.....	36.9	40.0	18.3	68.2	51.9	30.1	40.4	37.7
Manufacturing	5.2	9.2	10.8	14.4	15.8	5.8	5.7	9.6
Durable goods.....	4.1	8.7	7.0	10.6	8.7	6.2	8.0	12.0
Nondurable goods.....	1.1	.5	3.9	3.8	7.1	-.4	-2.3	-2.5
Wholesale trade	5.8	9.7	-3.5	19.4	24.9	-1.2	11.2	3.7
Durable goods.....	4.9	7.6	-4.8	14.1	18.2	-6.8	15.1	3.8
Nondurable goods.....	.9	2.1	1.3	5.3	6.7	5.7	-3.9	0
Merchant wholesalers	5.8	8.2	-3.6	18.1	22.7	0	8.1	2.1
Durable goods.....	4.4	6.1	-5.3	12.5	16.4	-6.8	13.1	1.5
Nondurable goods.....	1.4	2.1	1.6	5.6	6.3	6.7	-5.1	.7
Nonmerchant wholesalers	0	1.5	.2	1.3	2.2	-1.1	3.2	1.6
Durable goods.....	-.5	1.5	.5	1.7	1.8	-.1	2.0	2.3
Nondurable goods.....	-.5	0	-.3	-.4	.4	-1.1	1.2	-.7
Retail trade	19.2	10.1	2.9	25.1	1.5	13.7	11.7	13.4
Durable goods.....	13.1	7.5	-2.2	19.5	-5.9	12.7	12.7	10.5
Automotive.....	9.3	4.5	-3.0	13.2	-10.1	11.0	8.7	8.3
Other.....	3.7	3.0	.8	6.3	4.2	1.7	4.0	2.2
Nondurable goods.....	6.1	2.6	5.1	5.6	7.4	1.0	-1.0	2.9
Other	6.7	11.1	8.0	9.3	9.7	11.8	11.8	10.9
Durable goods.....	1.9	3.9	2.9	1.3	2.5	3.9	4.7	4.4
Nondurable goods.....	4.9	7.2	5.0	8.0	7.2	7.9	7.1	6.5

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

[Billions of 1982 dollars]

	Seasonally adjusted quarterly totals					
	1987		1988			
	III	IV	I	II	III	IV*
Inventories¹	866.4	883.2	899.7	908.5	918.4	925.7
Farm.....	70.5	70.2	73.7	75.0	74.8	72.7
Nonfarm.....	796.0	813.0	826.0	833.5	843.6	853.0
Durable goods.....	449.9	461.3	467.1	471.1	481.2	488.9
Nondurable goods.....	346.1	351.7	358.8	362.4	362.4	364.1
Manufacturing	318.7	322.3	326.3	327.7	329.1	331.5
Durable goods.....	207.5	210.2	212.4	213.9	215.9	218.9
Nondurable goods.....	111.2	112.2	113.9	113.8	113.2	112.6
Wholesale trade	182.4	187.2	193.4	193.1	195.9	196.9
Durable goods.....	113.9	117.4	122.0	120.3	124.0	125.0
Nondurable goods.....	68.5	69.8	71.4	72.9	71.9	71.9
Merchant wholesalers	156.7	161.2	166.9	166.9	168.9	169.4
Durable goods.....	100.3	103.5	107.6	105.9	109.2	109.5
Nondurable goods.....	56.4	57.8	59.3	61.0	59.8	59.9
Nonmerchant wholesalers	25.6	26.0	26.5	26.2	27.0	27.4
Durable goods.....	13.6	14.0	14.4	14.4	14.9	15.5
Nondurable goods.....	12.1	12.0	12.1	11.8	12.1	11.9
Retail trade	185.1	191.3	191.7	195.1	198.1	201.4
Durable goods.....	92.4	97.2	95.8	98.9	102.1	104.7
Automotive.....	45.9	49.2	46.7	49.5	51.6	53.7
Other.....	46.4	48.0	49.0	49.5	50.5	51.0
Nondurable goods.....	92.7	94.1	95.9	96.2	95.9	96.7
Other	109.8	112.1	114.6	117.5	120.5	123.2
Final sales²	277.3	277.2	280.4	285.3	286.3	288.7
Final sales of goods and structures²	170.5	169.5	171.4	175.3	175.6	177.1
Ratio of inventories to final sales						
Inventories to final sales.....	3.12	3.19	3.21	3.18	3.21	3.21
Nonfarm inventories to final sales.....	2.87	2.93	2.95	2.92	2.95	2.95
Nonfarm inventories to final sales of goods and structures.....	4.67	4.80	4.82	4.75	4.80	4.82

1. Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the constant-dollar change in business inventories component of GNP is stated at annual rates.
 2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

Table 5.12.—Fixed Investment by Type

[Billions of dollars]

	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	63.8	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	—	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.

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

[Index numbers, 1982=100]

	1987	1988 ¹	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ²
Merchandise exports.....	97.8	104.5	98.4	99.2	101.3	103.3	106.7	107.1
Foods, feeds, and beverages.....	82.1	99.8	82.0	83.3	88.2	94.0	109.0	109.0
Industrial supplies and materials.....	95.4	104.1	96.8	98.5	101.2	103.4	105.8	106.0
Durable goods.....	95.5	104.2	96.8	98.5	101.2	103.4	105.8	106.0
Nondurable goods.....	95.4	104.1	96.8	98.5	101.2	103.4	105.8	106.0
Capital goods, except autos.....	100.5	102.4	100.6	100.1	101.2	102.0	102.5	103.1
Autos.....	113.1	114.8	113.3	114.1	113.8	113.9	115.3	115.9
Consumer goods.....	107.4	112.2	107.6	109.2	111.0	111.6	112.4	113.5
Durable goods.....	102.2	107.8	102.1	104.0	105.4	107.0	109.1	109.3
Nondurable goods.....	111.5	115.7	111.9	113.2	115.5	115.3	115.0	116.9
Other.....	100.9	108.1	101.2	102.7	104.7	106.7	110.1	110.7
Durable goods.....	100.9	108.1	101.2	102.7	104.7	106.7	110.1	110.7
Nondurable goods.....	100.9	108.1	101.2	102.7	104.7	106.7	110.1	110.7
Merchandise imports.....	94.7	98.9	96.0	97.1	97.9	99.4	99.2	99.8
Foods, feeds, and beverages.....	103.6	110.1	104.3	106.2	109.1	109.6	110.3	111.5
Industrial supplies and materials, excluding petroleum.....	90.1	104.0	92.7	94.3	99.9	103.7	105.2	107.5
Durable goods.....	90.3	104.1	92.9	94.5	100.1	103.8	105.2	107.5
Nondurable goods.....	90.0	103.9	92.5	94.1	99.8	103.6	105.1	107.5
Petroleum and products.....	55.1	45.6	58.0	55.5	48.4	48.1	45.2	41.0
Capital goods, except autos.....	109.2	115.3	108.6	111.8	113.8	115.0	115.2	117.7
Autos.....	125.1	131.2	125.2	126.9	129.0	130.4	131.2	134.2
Consumer goods.....	114.8	123.2	115.5	118.1	121.2	123.5	123.4	124.6
Durable goods.....	111.3	119.7	112.1	114.6	117.6	120.2	119.7	121.2
Nondurable goods.....	119.1	128.2	120.2	123.0	126.4	128.2	128.7	129.3
Other.....	110.1	119.1	110.9	113.2	116.4	118.7	119.3	121.7
Durable goods.....	110.1	119.1	110.9	113.2	116.4	118.7	119.3	121.7
Nondurable goods.....	110.1	119.1	110.9	113.2	116.4	118.7	119.3	121.7

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

[Index numbers, 1982=100]

	1987	1988 ¹	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ²
National defense purchases.....	114.0	117.6	114.2	114.8	116.6	117.4	118.0	118.3
Durable goods.....	109.0	109.6	108.8	107.6	108.6	109.2	109.9	110.5
Military equipment.....	110.9	111.2	110.6	109.2	110.3	110.9	111.5	112.0
Aircraft.....	110.4	111.2	109.4	108.5	110.3	111.2	111.4	111.7
Missiles.....	119.1	113.7	119.9	112.6	112.7	112.9	114.2	114.9
Ships.....	119.7	121.1	119.6	119.8	120.4	120.3	121.7	121.8
Vehicles.....	89.8	90.4	89.1	88.4	88.1	89.7	91.2	92.5
Electronic equipment.....	106.7	107.1	106.7	106.6	106.9	106.9	107.1	107.4
Other.....	107.9	111.3	108.3	108.6	110.7	110.9	111.3	112.2
Other durable goods.....	100.5	102.3	100.7	100.5	100.9	101.8	102.7	103.8
Nondurable goods.....	68.7	72.8	70.1	71.3	70.1	72.3	76.4	72.5
Petroleum products.....	52.4	58.0	54.2	56.9	54.4	57.4	63.0	57.3
Ammunition.....	97.2	95.1	97.1	93.3	95.0	94.9	95.3	95.1
Other nondurable goods.....	109.6	113.5	110.1	110.6	112.0	113.3	114.4	114.4
Services.....	120.6	125.1	120.7	121.9	124.3	125.0	125.3	125.9
Compensation of employees.....	122.0	126.8	122.0	123.0	126.2	126.9	127.0	127.1
Military.....	121.6	126.3	121.5	122.5	125.6	126.4	126.5	126.6
Civilian.....	122.9	127.9	123.1	123.9	127.4	128.0	128.0	128.1
Other services.....	117.8	121.9	118.2	119.8	120.7	121.4	122.0	123.6
Contractual research and development.....	115.6	119.8	116.0	117.3	118.2	119.1	120.3	121.7
Installation support ¹	123.7	127.4	125.0	125.2	125.9	127.1	128.1	128.5
Weapons support ²	114.6	117.6	114.4	116.4	116.6	116.7	117.8	119.3
Personnel support ³	145.7	155.3	144.9	152.8	155.5	156.4	151.4	157.7
Transportation of materiel.....	93.0	96.1	92.5	94.6	95.6	95.0	95.7	98.1
Travel of persons.....	103.9	104.9	103.7	103.8	103.8	104.6	104.9	106.1
Other.....								
Structures.....	121.7	127.0	122.5	123.9	125.5	125.8	127.4	129.3
Military facilities.....	123.3	128.6	123.5	124.7	126.4	127.1	129.4	131.6
Other.....	119.5	124.6	121.0	122.8	124.2	123.8	124.6	125.8

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

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

[Index numbers, 1982=100]

	1987	1988 ¹	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV 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
Durable goods.....	109.0	109.6	108.8	107.6	108.6	109.2	109.9	110.5
Nondurable goods.....	68.7	72.8	70.1	71.3	70.1	72.3	76.4	72.5
Services.....	120.6	125.1	120.7	121.9	124.3	125.0	125.3	125.9
Compensation of employees.....	122.0	126.8	122.0	123.0	126.2	126.9	127.0	127.1
Military.....	121.6	126.3	121.5	122.5	125.6	126.4	126.5	126.6
Civilian.....	122.9	127.9	123.1	123.9	127.4	128.0	128.0	128.1
Other services.....	117.8	121.9	118.2	119.8	120.7	121.4	122.0	123.6
Structures.....	121.7	127.0	122.5	123.9	125.5	125.8	127.4	129.3
Nondefense.....	112.1	118.2	112.5	113.6	115.7	116.9	119.7	120.2
Durable goods.....	99.6	101.5	99.3	99.5	100.2	101.3	101.6	103.0
Nondurable goods.....								
Commodity Credit Corporation inventory change.....	96.9	98.7	97.6	96.2	97.8	98.9	98.2	99.7
Other nondurables.....	120.2	124.3	120.5	121.2	123.5	124.2	124.6	125.0
Services.....	123.0	127.9	123.2	123.9	127.4	127.9	128.0	128.1
Compensation of employees.....	115.8	118.9	116.3	116.9	117.4	118.4	119.4	120.2
Other services.....	111.3	115.3	111.9	112.2	113.5	114.3	116.1	116.6
State and local.....	124.1	130.2	124.9	126.1	127.8	129.5	131.0	132.3
Durable goods.....	110.6	113.4	110.8	111.1	111.9	112.8	114.0	114.8
Nondurable goods.....	95.0	97.3	96.5	96.2	95.5	97.6	98.1	98.0
Services.....	129.9	136.7	130.6	132.2	134.2	135.9	137.5	139.1
Compensation of employees.....	130.6	137.8	131.3	133.0	135.2	136.9	138.6	140.4
Other services.....	126.6	131.6	127.6	128.3	129.6	131.2	132.3	133.3
Structures.....	114.5	119.6	115.1	115.9	117.4	118.9	120.8	121.4

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

[Dollars]

	1987	1988 ¹	Seasonally adjusted					
			1987		1988			
			III	IV	I	II	III	IV ²
Current-dollar cost and profit per unit of constant-dollar gross domestic product¹.....	1.107	1.134	1.109	1.113	1.114	1.127	1.140	.....
Capital consumption allowances with capital consumption adjustment.....	.122	.122	.121	.121	.121	.122	.122	.....
Net domestic product.....	.985	1.012	.988	.992	.993	1.005	1.018	.....
Indirect business tax and nontax payments less subsidies.....	.106	.107	.106	.105	.105	.106	.108	.....
Domestic income.....	.880	.905	.882	.887	.887	.899	.910	.....
Compensation of employees.....	.732	.753	.729	.738	.736	.747	.758	.....
Corporate profits with inventory valuation and capital consumption adjustments.....	.105	.104	.109	.103	.106	.106	.104	.....
Profits tax liability.....	.044	.045	.046	.044	.044	.046	.046	.....
Profits after tax with inventory valuation and capital consumption adjustments.....	.061	.059	.063	.059	.062	.060	.058	.....
Net interest.....	.043	.048	.044	.046	.045	.047	.048	.....

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

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

[Percent]

	1987	1988 ^r	Seasonally adjusted at annual rates						1987	1988 ^r	Seasonally adjusted at annual rates								
			1987		1988						1987		1988						
			III	IV	I	II	III	IV ^r			III	IV	I	II	III	IV ^r			
Gross national product:																			
Current dollars.....	6.8	7.4	7.7	8.6	5.4	8.7	7.9	7.2											
1982 dollars.....	3.4	3.8	4.5	6.1	3.4	3.0	2.5	2.0											
Implicit price deflator.....	3.3	3.4	3.1	2.4	1.7	5.5	4.7	5.3											
Chain price index.....	3.4	3.8	3.6	3.4	3.0	4.8	4.7	4.2											
Fixed-weighted price index.....	3.6	4.2	3.7	3.8	3.5	5.0	5.3	4.2											
Personal consumption expenditures:																			
Current dollars.....	7.3	7.1	9.1	2.4	6.9	8.8	8.6	8.1											
1982 dollars.....	2.7	2.8	4.6	-2.1	4.5	3.0	3.9	3.5											
Implicit price deflator.....	4.5	4.2	4.4	4.4	2.3	5.7	4.3	4.5											
Chain price index.....	4.5	4.2	4.3	4.4	2.5	5.6	4.6	4.7											
Fixed-weighted price index.....	4.5	4.3	4.2	4.6	2.4	5.7	4.9	4.7											
Durable goods:																			
Current dollars.....	3.8	6.9	21.4	-16.5	15.8	11.4	2.8	10.2											
1982 dollars.....	1.5	4.8	16.5	-17.3	14.7	9.8	-2	6.1											
Implicit price deflator.....	2.2	2.0	4.2	1.1	.7	1.8	3.0	3.7											
Chain price index.....	2.7	2.4	3.6	2.6	1.6	1.7	3.1	3.6											
Fixed-weighted price index.....	3.0	2.5	3.9	2.8	1.6	1.6	3.4	3.8											
Nondurable goods:																			
Current dollars.....	5.8	5.0	4.6	2.3	1.5	8.3	9.7	5.9											
1982 dollars.....	1.3	1.1	.9	-6	1.0	4	5.0	2.1											
Implicit price deflator.....	4.5	3.8	3.6	2.9	.4	8.0	4.6	3.5											
Chain price index.....	4.5	4.0	3.4	3.4	.7	8.0	4.8	4.1											
Fixed-weighted price index.....	4.5	4.1	3.5	3.4	.8	7.6	5.3	4.1											
Services:																			
Current dollars.....	9.3	8.6	8.9	8.1	8.1	8.4	9.5	8.9											
1982 dollars.....	4.1	3.5	3.7	2.2	4.0	2.8	4.5	3.6											
Implicit price deflator.....	5.0	4.9	4.8	6.0	3.7	5.6	4.9	5.1											
Chain price index.....	5.0	4.9	5.0	5.5	3.8	5.3	4.9	5.2											
Fixed-weighted price index.....	4.8	4.8	4.8	5.7	3.7	5.2	5.0	5.3											
Gross private domestic investment:																			
Current dollars.....	7.1	7.5	2.5	40.3	-.8	-2.7	7.8	-1.1											
1982 dollars.....	4.9	6.9	4.8	38.6	2.3	-7.4	6.3	-5.9											
Implicit price deflator.....																			
Chain price index.....																			
Fixed-weighted price index.....																			
Fixed investment:																			
Current dollars.....	3.6	6.5	14.2	2.7	3.0	9.7	4.8	6.8											
1982 dollars.....	2.0	6.0	15.1	1.7	3.3	10.5	4.1	5											
Implicit price deflator.....	1.6	.5	-.8	1.1	-.4	-.8	8	7.0											
Chain price index.....	2.8	2.1	3.3	1.4	2.5	1.5	9	4.0											
Fixed-weighted price index.....	2.9	2.6	3.4	2.0	3.3	2.0	1.2	4.0											
Nonresidential:																			
Current dollars.....	3.0	9.2	23.7	1.7	6.5	14.6	4.9	3.5											
1982 dollars.....	2.8	9.4	28.4	1.7	7.6	15.0	4.0	-4.6											
Implicit price deflator.....	.2	-.2	-3.5	-.4	-.8	-.4	8	8.7											
Chain price index.....	1.8	1.6	.3	.5	2.3	2.3	1.1	4.4											
Fixed-weighted price index.....	2.3	2.4	1.7	1.7	3.4	2.5	1.5	4.3											
Structures:																			
Current dollars.....	.7	2.4	28.2	13.8	-19.0	6.4	4.3	4.2											
1982 dollars.....	-2.9	-.3	25.6	13.4	-22.4	3.3	2.6	-.3											
Implicit price deflator.....	3.7	2.8	1.8	.4	4.4	2.9	1.8	4.6											
Chain price index.....	3.4	2.9	4.9	1.7	4.0	1.1	2.8	3.4											
Fixed-weighted price index.....	3.2	3.1	5.0	2.2	4.1	1.1	2.8	3.5											
Producers' durable equipment:																			
Current dollars.....	4.0	12.2	21.7	-3.5	20.4	18.3	5.2	3.1											
1982 dollars.....	5.2	13.2	29.4	-2.4	21.6	19.2	4.6	-5.9											
Implicit price deflator.....	-1.0	-.9	-.6	-.8	-.1	-.8	8	9.6											
Chain price index.....	1.1	.9	-1.6	0	1.5	2.8	4	4.8											
Fixed-weighted price index.....	1.8	2.0	-.3	1.4	2.9	3.4	.7	4.9											
Residential:																			
Current dollars.....	4.8	1.3	-2.4	4.7	-3.8	-.2	4.7	14.1											
1982 dollars.....	.1	-1.7	-10.7	1.3	-6.5	.2	4.3	10.9											
Implicit price deflator.....	4.6	3.1	9.0	3.4	2.7	0	.3	3.0											
Chain price index.....	4.7	3.1	9.4	3.2	2.8	-.1	.3	3.1											
Fixed-weighted price index.....	4.5	3.1	9.1	2.9	3.0	.3	.3	3.0											
Exports of goods and services:																			
Current dollars.....	13.1	21.5	24.6	18.7	26.8	16.8	24.9	10.5											
1982 dollars.....	13.1	18.1	25.7	17.7	25.7	9.1	14.5	7.7											
Implicit price deflator.....	0	3.0	-.8	.8	.8	7.4	8.9	2.7											
Chain price index.....	1.7	4.7	2.4	2.1	5.5	6.3	9.0	2.6											
Fixed-weighted price index.....	2.0	5.3	3.1	2.6	6.2	6.9	9.6	2.9											
Imports of goods and services:																			
Current dollars.....	14.1	11.5	21.3	14.8	10.3	-1.6	13.0	19.8											
1982 dollars.....	7.9	8.7	23.4	9.9	6.9	-3.7	13.1	13.0											
Implicit price deflator.....	5.8	2.6	-2.0	4.5	3.2	2.4	-.4	6.1											
Chain price index.....	7.0	4.5	5.1	4.0	4.4	5.7	4	3.7											
Fixed-weighted price index.....	7.6	4.4	6.4	4.3	3.5	5.7	.1	3.3											
Government purchases of goods and services:																			
Current dollars.....	6.1	4.3	7.4	6.6	-.9	7.1	-2.6	17.5											
1982 dollars.....	2.6	.2	5.7	5.0	-7.9	3.9	-5.2	9.8											
Implicit price deflator.....	3.4	4.1	1.7	1.4	7.6	3.3	2.6	7.0											
Chain price index.....	3.1	3.7	3.2	2.9	4.8	4.0	2.5	3.2											
Fixed-weighted price index.....	3.5	4.4	3.6	3.5	5.9	4.5	4.7	2.9											
Federal:																			
Current dollars.....	4.3	-.4	9.7	5.4	-13.3	4.9	-14.3	32.4											
1982 dollars.....	1.7	-3.2	12.6	6.7	-21.0	4.7	-13.2	16.8											
Implicit price deflator.....	2.6	2.9	-2.8	-1.1	9.6	.3	-1.4	13.1											
Chain price index.....	1.6	2.3	.4	1.6	4.3	2.0	-.8	2.3											
Fixed-weighted price index.....	2.4	3.8	1.4	2.6	6.7	3.2	4.5	1.2											
National defense:																			
Current dollars.....	6.4	-.9	7.0	-.8	-1.1	.5	-5.9	8.8											
1982 dollars.....	5.4	-1.3	7.3	-1.9	-5.3	-1.5	-10.5	7.5											
Implicit price deflator.....	1.0	2.2	0	1.1	4.4	2.1	5.0	1.0											
Chain price index.....	1.3	2.3	.5	2.1	3.4	2.7	3.1	2.2											
Fixed-weighted price index.....	2.4	3.1	.9	2.1	6.4	2.8	2.2	1.1											
Nondefense:																			
Current dollars.....	-2.3	-4.8	19.7	29.7	-45.3	22.3	-40.0	166.7											
1982 dollars.....	-9.6	-10.1	35.4	43.8	-60.1	33.2	-22.5	60.5											
Implicit price deflator.....	8.1	5.8	-12.1	-9.7	37.0	-8.6	-22.3	66.7											
Chain price index.....	2.4	2.4	.1	0	7.1	-.7	-13.7	2.6											
Fixed-weighted price index.....	2.5	5.4	2.8	4.0	7.6	4.1	10.2	1.5											
State and local:																			
Current dollars.....	7.5	7.5	5.9	7.5	8.6	8.7	5.8	8.8											
1982 dollars.....	3.3	2.7	6	3.8	5.5	3.2	1.1	5.1											
Implicit price deflator.....	4.1	4.6	5.3	3.3	5.2	5.2	4.8	3.4											
Chain price index.....	4.1	4.7	5.2	3.7	5.2	5.4	4.7	3.8											
Fixed-weighted price index.....	4.2	4.9	5.2	4.0	5.4	5.4	4.8	4.0											
Addenda:																			
Gross domestic purchases:																			
1982 dollars.....	3.0	3.0	4.8	5.4	1.6	1.3	2.5	2.9											
Chain price index.....	3.9	3.8	3.9	3.6	2.9	4.7	3.8	4.3											
Fixed-weighted price index.....	4.1	4.1	4.0	4.0	3.2	4.9	4.4	4.2											
Final sales:																			
1982 dollars.....	2.9	3.7	6.1	4	3.6	6.3	2.0	3.1											
Chain price index.....	3.4	3.8	3.6	3.5	3.0	4.7	4.6	4.2											
Fixed-weighted price index.....	3.6	4.2	3.7	3.8	3.5	5.0	5.3	4.2											
Final sales to domestic purchasers:																			
1982 dollars.....	2.5	2.8	6.5	-.1	1.7	4.4	2.1	4.0											
Chain price index.....	3.9	3.8	3.9	3.6	2.9	4.7	3.6	4.3											
Fixed-weighted price index.....	4.1	4.1	4.0	4.0	3.3	4.9	4.4	4.3											
Command-basis gross national product:																			
1982 dollars.....	2.8	3.9	4.6	5.7	3.1	3.6	3.6	1.6											
Implicit price deflator.....	3.9	3.4	3.1	2.4	2.4	4.8	3.7	5.4											
Gross domestic product:																			
1982 dollars.....	3.5	4.0	4.7	5.8	4.2	3.1	2.0	2.2											
Implicit price deflator.....	3.3	3.4	3.1	2.4	1.7	5.8	4.7	5.0											
Business:																			
1982 dollars.....	3.8	4.3	5.0	6.4	4.4	3.4	1.9	2.2											
Implicit price deflator.....	2.9	3.2	2.8	2.1	1.0	5.6	4.8	5.4											
Nonfarm:																			
1982 dollars.....	3.7	4.9	6.5	5.6	5.4	3.9	3.4	3.6											
Implicit price deflator.....	3.0	2.8	3.1	2.1	1.0	4.5	4.1	6.1											
Disposable personal income:																			
Current dollars.....	6.3	8.2	9.8	11.8	7.4	5.6	10.4	9.4											
1982 dollars.....	1.7	3.8	4.8	6.9	5.0	0	5.6	4.8											

NOTE.—The fixed-weighted price index and the chain price index, both of which are weighted averages of the detailed prices used in the deflation of GNP, are measures of price change. In calculating changes in these indexes, the composition of GNP is held constant. Consequently these changes reflect only changes in prices. The fixed-weighted price index measures price change over any period, using as weights the composition of GNP in 1982. The chain price index measures price change between two consecutive periods, using as weights the composition of

GNP in the first period. The implicit price deflator is a byproduct of the deflation of GNP. It is derived as the ratio of current- to constant-dollar GNP (multiplied by 100). It is the average of the detailed prices used in the deflation of GNP, but the prices are weighted by the composition of GNP in each period. Consequently, the implicit price deflator reflects not only changes in prices but also changes in the composition of GNP, and its use as a measure of price change should be avoided.

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	758.8	760.0	1.2	12.1	12.8
Other.....	4,185.1	4,185.5	.4	9.2	9.2
Personal income					
	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

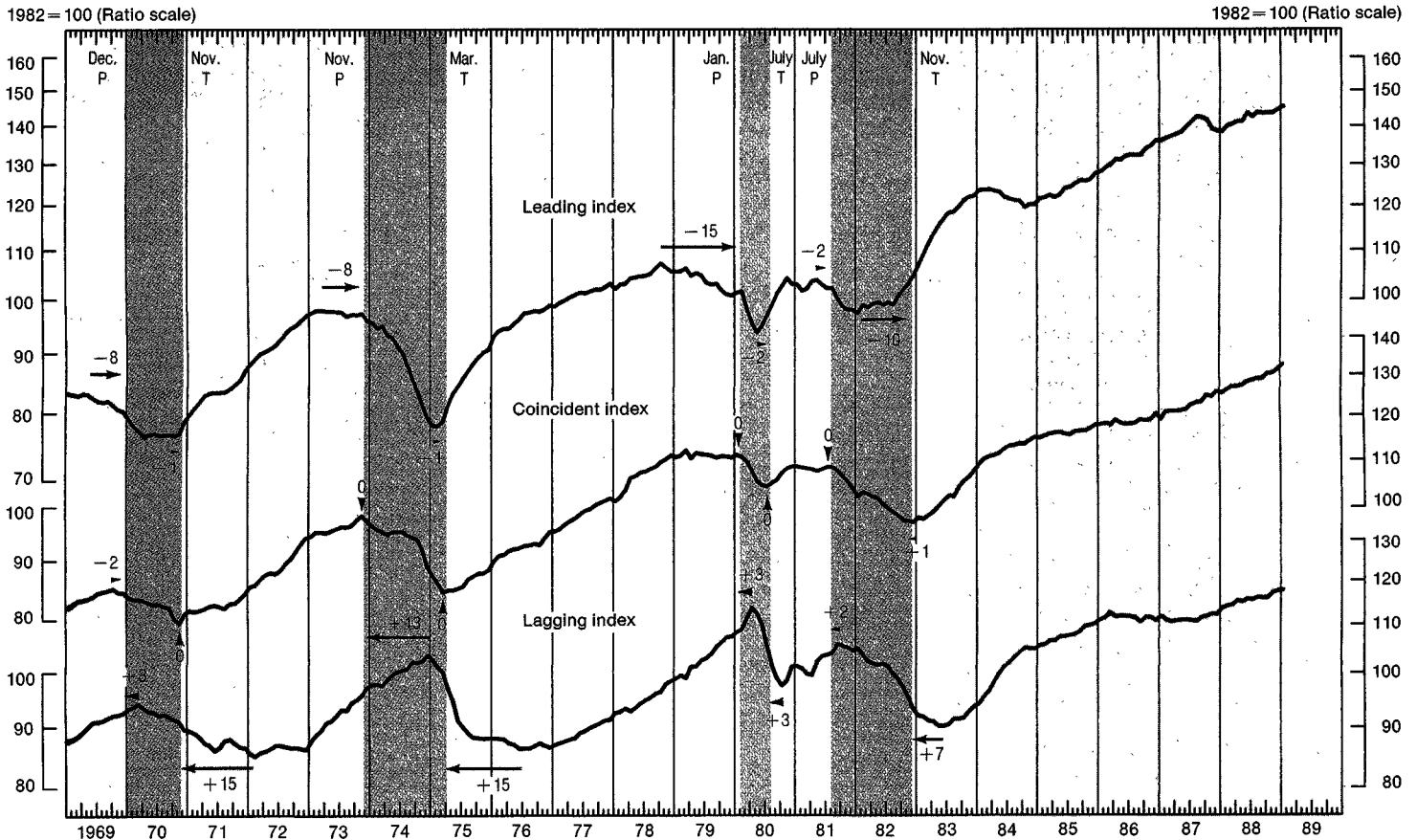
Recent Data and Percent Changes

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.

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	153.9	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 \$10½ 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 \$13½ 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

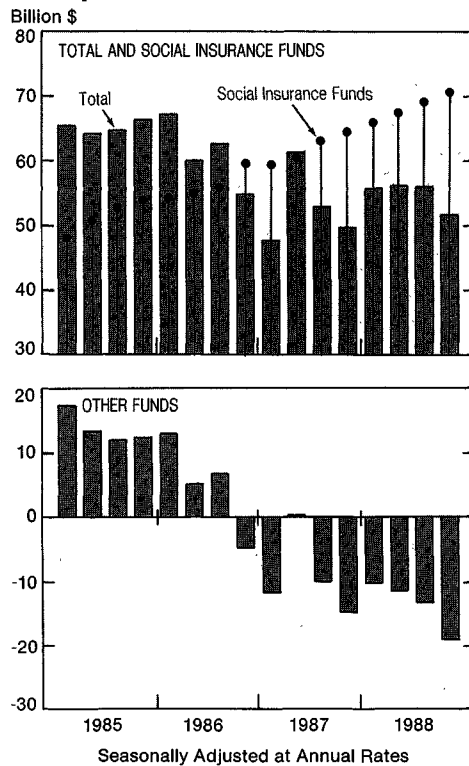
A major factor in the outlook for the State and local fiscal position in 1989 will be the pace of economic activity. If year-to-year economic growth in 1989 is slightly less than the nearly 4 percent attained in 1988, GOSR are likely to increase about 6½ percent. This estimate assumes some effort on 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 \$½ 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 7½ 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	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferro- alloy ores mining	Non- ferrous metal ores mining	Coal mining	Crude petro- leum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining	Industry number
												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			1	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				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	1	(*)
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	1
20	Lumber and wood products, except containers.....	14	12					3	26	92		2
21	Wood containers.....	3	208		11							
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	7,594	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		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.....				1							
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		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		8
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	35,587	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.

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	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Commodity number
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
			57,444		111	74											1
			24,750	3,488	1,455	20	16										2
			1,694				298		4,814				81				3
	816	1,571	4		1	(*)	1		71	(*)	(*)		2	(*)	(*)		4
																	5
																	6
			10		43	4	7	2	7	(*)			3				7
			116	9							5		326	6	4		8
																	9
	589	581											211				10
													27				11
																	12
	578	205	116	27	264	57	211	42	298	6	101	83	730	175	338		13
	19	1	1,667		(*)	(*)	(*)		(*)								14
	12	3	(*)	7	2	6	11	6	4	(*)	26	3	352	3	24		15
																	16
																	17
																	18
	1,669	415	1		12,638	2,122	11,821	3,523					910	5	745	42	19
	42	12	11		327	709	105	940	54				197	195	360	86	20
	9	4	41		6	103	9,883	109	13	(*)			45	9	13	8	21
	66	54	73			19	877	402					45	1	2	1	22
	19,019	2,643	18		5	1		20	14,028	204	1,625	700	3,818		2	35	23
			21		5				3	6			3		2	103	24
	108	38															25
	609	146															26
	9	4															27
	22	4															28
	687	448															29
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177,923	51,694	9,094	214,405	10,440	29,355	9,529	35,229	7,575	30,009	421	8,672	6,258	41,564	12,547	49,808	60,304	1
118,643	66,683	11,851	68,331	12,479	9,938	2,577	20,584	3,813	17,121	198	5,544	5,834	21,526	7,727	44,053	22,533	2
296,566	118,377	20,945	282,736	22,919	39,292	12,106	55,813	11,388	47,129	620	14,216	12,092	63,090	20,274	93,861	82,937	3

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	10
54	Household appliances.....		3	1	11	74	(*)	1	13	37
55	Electric lighting and wiring equipment.....	2	1	(*)	(*)	1		(*)	1	(*)
56	Radio, TV, and communication equipment.....	(*)				29				
57	Electronic components and accessories.....					11				
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	
	1	(*)	(*)	(*)	(*)	1	(*)	(*)			(*)	(*)	(*)	1	(*)	5	
	2,498															6	
	57	2,453		27		7										7	
	2,553	25	(*)	2	6	1	3	5	1	2	(*)	1	1	(*)	3	8	
	32															9	
	211	16		5		9									13	10	
	36	1														11	
	1,241	346	94	597	282	292	83	44	94	36	54	58	101	57	202	70	12
	11																13
	6	4	1	5	2	4	(*)	1	1	1	2	2	3	2	9	2	14
		29															15
	2	2											104	23			16
	11	4	1	4		3	13	3	1	1	2	1	5	2	3	2	17
	1					27							1	1			18
	88	115	15	71	68	160		25	11	6	6	26	37	4		46	19
	8	18		32	21			1	2	4	8	2	7	1		23	20
																	21
	3									2							22
	10	30	10	39	87	9	18	3	2	2	4	3	54	5	190	18	23
	50	79	40	160	164	421	32	30	3	3	53	11	70	95	207	127	24
	28	34	191	42	31	49	9	10	13	10	20	19	25	24	133	21	25
	2,101	1,291	12	55	163	819	1	2	13	2	106	150	20	4	5	86	26
		718	30	64	117	117						15			90	87	27
	1	1	8	17	13	15											28
	20	40	265	142	100	249	5	29	18	6	20		7	6	71	50	29
	856	696	43	227	80	224	76	25	42	59	101	78	196	68	340	117	30
	64	310	22	284	161	999	40	244	211	81	72	168	205	21	1,232	340	31
																	32
	3	(*)						(*)	(*)	(*)			(*)	2	(*)		33
	2	17	(*)	355	22	47	(*)							17	(*)		34
	431	139	6	69	30	183	71	19	75	17	148	50	117	181	97	89	35
	9,761	330	2,966	6,992	5,825	4,217	1,119	995	1,982	662	1,040	766	1,882	848	320	1,118	36
	1,286	19,715	1,611	3,747	1,082	2,291	408	96	71	130	262	289	580	411	71	928	37
	4		435		15	9											38
				698	8	8	149		229	82	82	128	156		115	136	39
	175	104	8	1,013	788	581	193	76	62	77	71	71	246	75	613	424	40
	466	369	119	1,186	411	1,501	153	105	103	111	196	196	259	194	760	383	41
	13			1		39	1,066	692	398	76		87	103	37		46	42
								776									43
										6							44
	13	15							252								45
	342	448	47	199	310	248	145	61	106	694		133	236	265	235	139	46
	57	21			2	14						372					47
	607	361	1	260	21	42	234	455	880	407	249	397	1,191	172	72	472	48
	337	215	37	214	918	272	420	244	102	124	373	363	402	1,281	235	271	49
	35	2	1	9	7	11	9	4	12	4	10	7	11	6	7,511	6	50
	1			83								7				905	51
	464	198	1	284	44	136	118	66	205	225	331	466	735	72	2,124	1,170	52
					1												53
	10	13	1	10	25	4	1	22	1	1	23	2	2	2	253	114	54
	(*)	(*)	(*)	1	(*)	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	4	(*)	55
					9										3,532		56
	2	1	(*)	1		5	142	75	1	6					78	51	57
	3	4	1	21	57	3	64	197	175	1	2	8	1	27	10	1	58
															40		59
	5																60
	166	62	2	73	8	19	2	2	2	35	4	71	5	30	260	62	61
	12	4	3	9	7	15	6	3	5	4	7	9	10	55	8	63	62
	11	8	1	23	5	15	2	2	6	6	3	4	4	47	34	64	63
	2,247	1,773	310	695	486	585	133	171	185	71	169	157	287	207	1,063	300	64
	71	102	14	179	173	193	30	22	102	26	50	78	148	77	454	76	65
				11													66
	4,612	3,673	267	625	589	1,027	150	154	240	86	266	178	361	312	773	275	67
	2,216	2,199	376	1,420	765	1,153	340	604	734	278	371	505	746	213	2,158	929	68
	274	363	69	241	192	325	60	33	72	27	86	95	116	202	812	57	69
	225	223	81	299	151	260	37	55	56	48	103	80	155	175	808	86	70
	100	85	29	184	52	87	14	10	19	10	25	24	41	45	789	44	71
	962	914	182	978	718	1,127	204	165	369	164	345	305	584	959	2,886	464	72
	116	146	57	202	83	183	29	28	60	32	84	63	182	106	620	80	73
	41	105	21	97	81	96	29	7	13	24	42	17	51	106	136	14	74
	1	3		12	2	2	1	2	1	2	2	2	7	2	2	(*)	75
	11	31	10	33	51	32	4	3	3	3	16	6	25	29	47	16	76
	66	47	5	62	29	62	11	18	16	14	14	30	45	24	111	11	77
	18	14	4	10	8	19	2	2	3	1	5	2	5	4	32	5	78
	32	82	4	15	8	27	12	27	40	8	77	22	23	2	296	2	79
	1,272	2,137		55		33	24	8	4		10		6	9			80
																	81
																	82
																	83
																	84
																	85
	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	1
	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	VA
	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	T

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
		Industry number 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		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	13	18
25	Paperboard containers and boxes.....	107	244	212	157	151	85	128	9	15
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	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					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.

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	Commodity number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	
		2	1							3	19	540		59	123	1
		35	5				26		38	33	12	1,032		647	153	2
		6	(*)				2					1,073			21	3
	(*)	(*)	8	2	1	18	895	7	2,875	86	13	2	(*)	109	206	4
		5														5
		2	9	3			10,403		10						31	6
	(*)						31,865								2	7
			44													8
																9
																10
96	92	150	4,143	3,891	30	5,920	4,161	719	21,951	984	960	985	560	1,112	2,072	11
			2	(*)		(*)	4	2	1	(*)	103	(*)			2	12
69	2	30	111		4		419	11	1	135	132	39,335	2	498	3,801	13
																14
307		410	4							186					54	15
281	10	52	61							20	3	27	15	25	23	16
31	1	19	96	62	(*)	6				419	48	49	49	115	493	17
	1	86	107					137		541	13	82	(*)	52	550	18
38		549	32			77	759		5	124		26		109	68	19
							20									20
5										2				2		21
														1		22
282	510	476	111	74	6	82	3,156	667	89	222	684	609	32	26	1,579	23
208	145	474	58	22	(*)	9	1,098	2		72	66	928	1	(*)	136	24
90	29	68	458	322	22	126	2,518	3,681	594	363	3,486	178	22	112	6,784	25
226	1,750	610	141	19	10	548	36	11	345	170	692	84	5	52	5,917	26
217	167	738														27
3		(*)	5	88		2	196	11	8	851	343	169		5	6,369	28
25	1	150	32	60						1	77			489	1	19
187	145	237	17,689	299	11	17,258	9,174	945	708	773	2,178	449	1,401	344	3,566	29
901	941	843	987	132	1	83	1,333	75	374	516	542	1,194	119	106	2,758	30
		58														31
5	(*)	61	9	2	1	1	133	17	5	61	9	2	(*)	22	37	32
123	221	18	23	4	(*)	2	95	15	2	164	47	224	299	1	315	33
65	64	31	66	26		14	89	4	23	192	29	187	564	4	60	34
366	67	534	171	(*)			11		1	2	5				11	35
811	413	1,608	100	106		30				6		17		5		36
12						7	145									37
50	19	4				24			167							38
477	195	134	72	133		72				23	80	408	2,156	12	173	39
384	200	332	541	54	1	191	407	21	8	139	262	90	1,583	21	207	40
		4	189	169		1,373										41
																42
																43
																44
																45
																46
104	23	34	71	2	(*)	9	119	52								47
		16														48
		8	391	85		72	2	19	9							49
29	50		201	26		43	334	5	5	33	130	287	656	4	18	50
155	51		7			4	592	91	4	746	1,117	33	7	34	93	51
75	20		15			(*)	424			46	28	268	554	25	21	52
405	63	97	196			189	3			18	215		135			53
			13	(*)		24	41	38		377	66	(*)		(*)	20	54
62	36	38	62	23	1	188	81	35	65	30	181	30	219	32	262	55
1	(*)	9	60	2,446	32	6	88	31	(*)	36	60	2	72	6	105	56
828	1,526	138	59	738	307	3	15	97		529	1,307				193	57
25	21	10	66	15	(*)	7	118	19		9	109				542	58
4		3	433	312	1	40	494	39		23	16	11	373	1	542	59
			1,206									20	7,897	35		85
																60
																61
819	32	14	930	12	2	12		53		6	324			9	187	62
19	799	8	55	7	1	218	99	7	2	28	69	(*)		13	(*)	63
37	7	1,370	136	88	5	38	793	415	77	965	541	206	21	120	785	64
301	501	681	28,676	509	131	3,470	11,690	2,328	513	392	4,371	2,277	1,873	636	4,433	65
165	163	229	1,842	2,219	97	613	9,236	5,484	1,007	1,115	5,869	855	797	478	4,022	66
																67
380	293	410	2,468	1,429	160	53,484	18,638	3,694	6,374	4,250	2,781	4,577	1,189	1,332	8,604	68
870	619	1,346	3,899	274	63	1,365	7,052	749	1,148	1,083	1,971	6,252	7,325	243	4,134	69
153	305	257	3,141	1,143	114	1,574	7,802	55,205	11,614	1,710	2,581	3,608	383	537	2,604	70
247	189	468	2,655	2,121	656	888	27,609	6,745	42,691	3,208	3,924	5,167	1,365	2,332	29,952	71
56	89	78	435	231	92	275	2,195	1,163	118	953	2,247	770	145	393	1,875	72
960	1,208	1,403	7,829	3,846	553	2,113	57,157	22,514	11,355	4,347	24,783	6,898	2,261	4,130	18,427	73
214	273	172	1,823	397	174	212	9,317	2,333	1,231	493	3,631	263	156	524	3,211	74
324	71	74	3,814	224	8	257	8,828	766	281	522	2,537	240	294	565	1,984	75
31	21	12	66	6		14	1,322	6	(*)	23	338	1,632	(*)	6,699	698	76
65	106	88	349	135	84	209	680	952	181	546	1,333	321	45	277	5,713	77
66	42	112	259	404	13	577	2,996	5,247	1,012	235	2,181	226	40	94	1,975	78
9	7	8	192	99	19	37	402	65	85	96	77	133	62	22	223	79
68	44	1,001	6,975	2,220	7	7	892	896	6	22	644	66		70	82	80
			47							23				181		81
																82
																83
																84
																85
11,671	11,539	16,037	93,877	24,498	5,878	134,099	194,347	115,538	105,248	28,341	81,979	81,932	33,433	22,473	130,294	I
12,153	10,654	11,229	116,193	74,539	6,956	116,181	378,355	141,139	417,712	48,972	220,711	71,217	36,761	23,385	211,503	VA
23,824	22,193	27,267	210,070	99,037	12,835	250,280	572,702	256,677	522,960	77,313	302,690	153,149	70,194	45,857	341,797	T

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.

by Industries, 1983—Continued

at producers' prices]

Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports	Imports	Federal Government purchases			State and local government purchases			Total final demand	Total commodity output	Commodity number
					Total	National defense	Nondefense	Total	Education	Other			
91	92	93	94	95	96		97	98		99			
3,294		-507	398	-705	8	1	6	97	44	52	2,584	73,593	1
9,486		-6,229	19,540	-2,041	-6,173		-6,173	656	312	344	15,239	74,630	2
2,477		13	329	-2,350	-609		-609	-156	7	-164	-296	7,920	3
544			60	-3	104		8	96	293	423	1,421	15,622	4
		-117	356	-576	-2	-2					-339	2,483	5
	703	45	117	-855	-1	-1	(*)				8	3,928	6
201		136	3,237	-44	71	54	17	194	88	106	3,795	24,410	7
	195	-4,494	1,915	-86,576	2,531	2	2,530				-36,429	124,311	8
9		151	293	-364	(*)	(*)		-73		-73	16	5,134	9
1		-40	327	-357	5		5				97	1,579	10
	241,770		32		11,806	4,664	7,142	42,958	5,383	37,575	296,566	296,566	11
	12,030		54	-206	6,682	4,908	1,774	21,119	7,337	13,782	39,855	118,377	12
829	65	499	2,557	-206	14,957	14,359	598	38			18,734	20,637	13
170,102		712	10,938	-13,113	768	176	592	5,576	3,563	2,013	175,032	287,560	14
16,996		-140	2,548	-452				(*)	(*)		18,952	22,936	15
1,139		629	1,041	-2,023	232	227	5	102	43	59	1,120	35,592	16
3,101	1,354	357	593	-562	17	3	14	39	6	33	4,898	12,554	17
53,019		1,716	921	-13,156	894	894		578	12	566	43,971	55,939	18
6,068		306	444	-593	147	123	24	364	77	237	6,735	13,097	19
888	13	1,159	2,798	-4,623	27	21	6	119	80	39	376	47,267	20
		1	8	-14	5	4	2				(*)	617	21
12,359	1,049	518	244	-1,025	55	10	46	106	74	32	13,307	13,949	22
1,168	9,019	136	312	-1,022	114	24	89	1,191	716	474	10,917	12,208	23
9,674		1,175	3,623	-5,849	132	41	91	2,022	875	1,147	10,777	62,549	24
286		164	231	-107	50	34	16	180	70	110	803	20,232	25
19,131		505	1,372	-777	574	282	292	5,993	3,462	2,531	26,797	59,011	26
1,987	1,067	342	12,149	-9,348	2,964	1,808	1,656	1,700	575	1,124	10,860	95,993	27
		366	4,062	-1,102	81	76	4	4	3	1	3,411	36,356	28
32,174		540	2,983	-3,229	345	212	132	2,831	377	2,455	35,644	51,460	29
340		225	251	-27	7	1	6	201	163	38	996	9,748	30
78,904		-100	8,496	-20,847	4,523	5,823	-1,300	6,921	3,187	3,794	77,297	184,250	31
10,561	72	769	2,984	-4,738	548	459	89	1,074	227	848	11,217	60,517	32
		37	269	-326	2	1					-19	2,011	33
11,552		233	198	-5,339	52	39	13	60		60	6,755	7,698	34
1,031		151	627	-1,020	24	14	10	551	143	403	1,364	13,114	35
1,824		584	1,036	-2,374	95	41	54	157	63	94	1,322	34,221	36
8		-239	1,356	-8,357	174	142	33	41	8	33	-6,998	57,799	37
40	108	-246	2,805	-7,560	291	315	-24	35	2	33	-4,528	52,184	38
	24	125	119	-79	67	67		40	38	2	297	11,845	39
658	3,823	539	1,322	-753	1,082	992	90				6,670	37,214	40
1,060		368	1,580	-1,037	110	77	33	268	200	67	2,349	26,074	41
2,815	2,259	346	2,098	-3,587	675	483	193	287	143	144	4,892	38,692	42
1,158	1,545	-176	2,862	-1,411	1,361	1,329	32	256		256	5,594	12,460	43
161	8,643	-8	1,258	-1,447	22	19	3	149	41	109	8,778	11,147	44
	8,721	-1,140	5,188	-1,099	199	177	22	609		609	12,478	15,729	45
	3,374	-130	3,445	-442	201	186	15	5	8	3	3,452	5,892	46
376	9,596	-250	1,430	-2,222	185	161	24	115	67	48	9,281	15,853	47
281	9,718	-196	1,796	-2,435	92	69	23	49	47	2	9,304	12,648	48
	7,364	-440	3,758	-3,366	724	693	31	84		84	8,124	19,786	49
85	55	-4	1,113	-1	666	618	47	67	33	33	1,981	15,233	50
2,408	25,493	499	10,766	-7,304	2,673	1,810	863	682	417	265	35,216	46,326	51
498	4,902	143	1,202	-604	114	62	52	478	366	112	6,738	16,175	52
110	8,930	30	3,247	-2,059	1,435	1,204	219	253	93	160	11,904	27,734	53
9,237	2,256	349	987	-1,737	39	34	4	148	58	39	11,250	13,857	54
1,837	191	375	901	-1,396	79	60	19	298	217	81	2,284	13,192	55
11,093	25,721	1,820	4,255	-12,370	15,334	14,171	1,164	517	353	164	45,901	57,756	56
1,290	114	692	6,385	-8,635	1,780	1,339	442	107	37	70	1,733	36,571	57
3,357	3,432	198	2,252	-2,360	303	231	72	277	33	244	7,458	13,315	58
65,912	43,359	2,363	14,287	-41,320	3,333	3,053	280	4,082	1,028	3,054	92,514	144,942	59
90	7,521	-1,458	15,116	-2,631	25,941	24,634	1,307	12		12	44,591	55,818	60
9,407	7,185	264	1,554	-1,950	5,936	5,739	197	1,104	49	1,055	23,500	26,638	61
2,738	8,671	64	3,528	-2,735	1,439	1,002	437	1,154	105	1,048	14,857	24,167	62
3,788	7,802	209	2,906	-3,838	1,577	1,000	577	1,528	708	820	13,972	20,946	63
19,621	2,630	669	1,870	-8,335	97	69	29	1,435	867	568	17,986	26,238	64
54,390	2,763	352	19,175	-2,022	6,634	5,693	940	6,701	4,005	2,697	87,993	214,181	65
44,212	2,796		1,622		2,097	1,412	685	2,704	1,384	1,321	53,432	99,037	66
88,690			200	-5,325	4,096	2,157	1,939	9,299	4,197	5,102	96,960	288,130	67
356,466	36,470	992	19,048	9,091	4,573	3,538	1,035	4,744	2,050	2,694	431,383	574,784	68
128,000			6,156	-959	1,281	15	1,266	5,659	311	5,349	140,136	254,708	70
331,760	13,179		6,129		851	290	562	5,731	765	4,966	357,649	530,478	71
56,304			60		986	731	267	829	-868	1,697	35,190	76,706	72
31,375		-1	4,743	-92	17,334	9,377	8,457	11,103	4,113	6,991	64,972	350,431	73
121,942		115	4		303	213	90	-3,838	-5,118	1,231	118,522	155,482	74
39,236		20	4		137	90	48	1,161	261	899	40,557	70,684	75
28,925		441	1,553	-63	318	251	67	290	244	46	31,464	45,891	76
318,961		510	5,906		188	198	-10	801	79	722	327,446	341,343	77
5,309		172	126		126	86	40	138	73	66	6,469	27,872	78
8,285			8,749	-49,164	126	86	40	138	73	66	8,550	11,147	79
17,277	178	455		-512	8,749	7,740	1,009	60	56	4	-22,444		80
11,468	-18,195	1,541	2,459		-211	-98	-113	1,238	276	962	-2,213	2,836	81
					123,180	88,650	34,530	233,199	128,639	104,560	356,379	356,379	82
-12,982			103,185	-38,818	-478	-35	-443				50,908	50,908	83
8,442											8,442	8,442	84
		-11,773									-11,773	-11,773	85
													I
											3,399,362		VA
2,225,498	507,981	-3,368	349,001	-354,766	283,525	214,376	69,149	391,492	171,363	220,129		6,213,587	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	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.....						1			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																876	12
	118,377																13
		18,690															14
			281,635				19	1	6			2	56	14	12		15
				22,891									5			408	16
					34,909	279	420	1,347				10	25		14		17
					144	11,516	11	45	53			(*)	41		14		18
					150	44	55,278	220									19
					149	22	42	10,981	7			8	5		16		20
					2	2		1	46,406	68		28	39		10	(*)	65
					1	11		33	63	538		2	1		3		21
					22	7		7	59	(*)	13,666	32					22
					4	199		56	119	1	36	11,663	9		6		23
					4	40		12	3				60,353	92	368		24
					4	40		12	13	1			117	19,763	49		25
								5	2				521	72	57,893		26
								28	12				114		61	73,992	27
								2	1				6			2,253	28
								2	1				15		5	1,635	29
								2	1				1			133	30
								2	1				21			13,917	31
								4	19	2	50	11	220	35	42	398	32
								1	1								33
								1	1								34
								1	1								35
								1	1								36
								1	1								37
								1	1								38
								1	1								39
								1	1								40
								1	1								41
								1	1								42
								1	1								43
								1	1								44
								1	1								45
								1	1								46
								1	1								47
								1	1								48
								1	1								49
								1	1								50
								1	1								51
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								1	1								60
								1	1								61
								1	1								62
								1	1								63
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								1	1								65
								1	1								66
								1	1								67
								1	1								68
								1	1								69
								1	1								70
								1	1								71
								1	1								72
								1	1								73
								1	1								74
								1	1								75
								1	1								76
								1	1								77
								1	1								78
								1	1								79
								1	1								80
								1	1								81
								1	1								82
								1	1								83
								1	1								84
								1	1								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	Ordinance 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.....					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	(*)	8
58	Miscellaneous electrical machinery and supplies.....		10			8				46
59	Motor vehicles and equipment.....			29	10	106				13
60	Aircraft and parts.....				6	7			(*)	
61	Other transportation equipment.....					41		4	50	
62	Scientific and controlling instruments.....		285			173			(*)	12
63	Optical, ophthalmic, and photographic equipment.....	45	13	10		190	(*)	18	(*)	24
64	Miscellaneous manufacturing.....		63	3	2					
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
													17			8
																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	1	12	1		(*)	3	(*)			4		19
	1	3	89	3	3	75	2		3	8	5	2	(*)			20
						1			1							21
	14	15	27	8	8	35	6		9	7	5	6	5		8	22
	4		26	8	9	19	3			3	5	8		259		23
			8			167					2					24
				20		29				12	49					25
	5		13			88				12	2					26
	8	59	14	21	104	16	25		2	14	145	20	1	79	14	27
						18				12				7		28
				1							7	25				29
								5		6		8				30
	35	23	78	52	31	148	21	6	14	165	38	47	26	39	9	31
			3													32
			1	2	7		1			3	1					33
			18	5	17					11		5				34
			51	1	48		4	8	1	41	14	30	7	20	1	35
			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	17	27	12		3			10	1					38
		11,579	25	27	12		3			10	1					39
	70	119	10	35,079	106	211	31	27	49	27	47	99	39		82	40
	61	41	36	81	23,546	115	21	14	10	307	17	87	12	14	15	41
	298	101	8	146	180	33,829	39	43	40	118	118	132	70	26	32	42
	6	2		74	13	20	10,596	2		34	20	50	7	15	15	43
	85	(*)		48	22	44	48	256	13	12	36	29	5		6	44
	138			92	5	264	237	76	123	27	22	189	14		8	45
	15			23	9	16	6	14	44	27	48	55	12	24	3	46
	51	5		30	39	115	10	67	27	24	92	58	23	20	16	47
	19	4	1	49	7	26	9	14	14	67	11,056	95	10	89	33	48
	52	61		118	42	346	325	36	77	26	149	17,832	87	69	120	49
	20	18	2	24	12	40	45	9	8	6	106	42	14,664	5	14	50
	2			67	8	109				17	15	107	10		3	51
	7	67	6	103	7	78		17	1	15	14	112	12	42,906	15,217	52
	24	82		17	34	139		5	17	40	11	79	7	96	23	53
	30	7	17	125	135	25				1	11	88	6		225	54
	53	87		32	56	63				16	9	86	7		1	55
	12	133		19	3	93				12	7	48	11	321	7	56
	20	51		44	54	36		13	10	48	154	66	17	1,560	57	57
	14	261		1	5	7			5	7	(*)	12	49	37	7	58
	448	201	5	149	1,233	198	220	86	109	195	60	70	44	57	203	59
	54	7		99	112	132	602	26	81	43	61	108	179	16	211	60
	4			87	1	30	33	108	15	7	44	22	10	7	14	61
	2	24		32	18	83			9	10	20	14	67	14	11	62
		2	7	6	20	14			8		25	29	27	240	1	63
	7	21	1	18	26	59			(*)	22	10	17	6	9	1	64
																65
																66
																67
																68
																69
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																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	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
	Commodity number									
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			7	12	1
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	44	27	2
49	General industrial machinery equipment.....	93	50	33	13	59	5	22	1	12
50	Miscellaneous machinery, except electrical.....	10	8	6	9	12	26	183	38	20
51	Office, computing, and accounting machines.....	124	36	32	105	1,416	55	301	36	2
52	Service industry machines.....	14	285	18	19	11	41	614	47	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
						6,060										7
																8
																9
																10
10	8	22														11
		20										2				12
		1														13
39		16														14
9		11														15
22		39										1				16
10		18										1				17
16		16										(*)				18
																19
27		30										4				20
37		23										2				21
52		163										13				22
		(*)										37				23
13	28	111										34,796				24
133	264	54														25
14	19															26
177		60										2				27
		2														28
		4														29
63	10	127										2				30
		8														31
4	1	15										1				32
28		7														33
41	8	29										2				34
	10	1														35
12		17				64										36
																37
43		16														38
22	2	35										3				39
239		61										2				40
19												4				41
5		5														42
39		9														43
10																44
43	1	10										(*)				45
28	4	4														46
64	11	6														47
10	6	2														48
248	93	29										9				49
34		22														50
173	23	1										2				51
29		15														52
23	8	21										1				53
209	81	15														54
95	42	60														55
40	11	2														56
87	3	27														57
205	2	73														58
7		19														59
21,476	181	45														60
243	20,043	44														61
73	2	24,932														62
			208,078			1,804			115							63
				99,037												64
					1,502	249,522										65
							572,702									66
								254,594								67
									1,062							68
									522,960							69
									522	76,691						70
									1,743	15						71
											300,932					72
												153,149				73
													70,194			74
														45,215		75
															341,343	76
																77
			70			6,304	1,256	57	172						53	78
			6,005			24,377	826	57	3,904			2,313			385	79
													490			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.....								22,919
16	Broad and narrow fabrics, yarn and thread mills.....				1				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.....								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).

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Units	Annual		1988												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	683.1	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	285.2	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	93.6	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	3,105.5	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	453.3	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	2,686.3	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	108.5	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	147.8	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.

Table with columns for Units, Annual (1986, 1987), 1987 (Dec), and 1988 (Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec, Jan). Rows include MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS - Continued, categorized by market, industry, and product type.

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.
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	12,987	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	5,035	4,899	*4,726	4,764	
Public utilities:																
Telephone and telegraph.....do.....	8,445	8,530	898	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	1.5	1.6	1.5	1.4	1.7	1.7	*1.8	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	28.5	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	6,989	6,592	5,888	6,081
Residential.....do.....	122,896	*121,128	8,716	*6,739	7,846	10,898	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	*2,534	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	136.8	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	136.8	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	*1,523	*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:																
Apartment, 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		122.9		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			167.4			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.....do.....	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.....	28,825	28,410	2,459	1,546	1,763	2,569	2,614	2,613	2,393	2,465	2,832	2,860	2,432	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	13,812	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			7,623					
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	111,920	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	53,256	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	78,005	6,215	4,852	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	103,663	72,346	70,975	80,262	79,714	82,492	82,129	82,647	85,358	82,183	85,033	88,845	111,710	76,500
General merch. group stores.....do.....	165,074	175,835	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.....	301,762	314,287	28,237	25,682	24,633	26,363	26,762	27,620	27,363	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	9,254	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	2,296	
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	49,703	50,480	50,419	50,418	50,709	50,754	50,257	49,797	51,198	52,307	52,378	52,441
Bldg. materials, hardware, garden supply, and mobile home dealers#.....mil. \$.....			6,593	6,527	6,817	6,987	7,057	7,087	6,988	6,904	6,952	7,020	7,253	7,264	7,412	7,516
Building materials and supply stores.....do.....			4,855	4,828	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	27,038	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	3,180	

See footnotes at end of tables.

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Units	Annual		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	
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	
Value.....do.....	175.0	201.4	234.0	213.6	229.6	281.2	254.7	259.7	257.7	237.4	254.6	262.9	263.4	255.0	280.4	
General imports:																
Unit value @	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	
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	
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	
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	35,786	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	45,090	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	712	-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	403	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										
Net income, after extraordinary and prior period charges and credits.....mil. \$.	548	263	52			38										
Tonnage hauled (revenue), common and contract carrier service.....mil. tons.	166	179	48			42										
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..	219	223	222	178	217	241	233	276	265	259	218	222	258			
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	62	57	63	72	70	70	70	68	72	66	72			
Motor hotels: Average room sale ◊.....dollars..	48.07	47.79	45.86	47.11	45.78	48.88	46.35	44.48	45.58	51.56	46.61	43.01	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.	15,343	17,005	3,692			4,126			4,340	1,834	2,007	1,411				
Departures (quarterly).....do.....	14,357	16,425	3,820			3,717			4,529	1,887	1,699	1,398				
Aliens: Arrivals (quarterly).....do.....	10,265	11,639	2,736			2,801			3,337	1,684	1,540	1,214				
Departures (quarterly).....do.....	8,318	10,239	2,539			2,440			2,831	1,181	1,379	1,173				
Passports issued.....do.....	4,109	4,872	304	326	378	467	482	408	421	335	339	263	235	233	223	
National parks, recreation visits # #.....do.....	52,749	55,782	1,395	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	13,970	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	109	102	101	107	100	108	118	110	121	108	96	98	104
Chlorine gas (100% Cl ₂) ‡	do	10,442	11,019	989	903	907	974	953	910	904	922	951	960	987	966	967
Hydrochloric acid (100% HCl) ‡	do	2,392	2,869	237	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	10,405	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	66	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	1,444	1,409	1,304	1,455	1,475	1,513	1,395	1,443	1,388	1,239	1,346	1,400	1,529
Ammonium nitrate, original solution ‡	do	6,091	6,547	606	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	2,335	221	251	231	253	285	281	227	246	251	240	272	273	304
Phosphoric acid (100% P ₂ O ₅) ‡	do	9,578	10,635	937	940	978	1,017	1,015	972	902	953	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	3,928
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	438	339	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	11,387	
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	58,338	
Oxygen (high and low purity)	do	333,267	402,644	36,136	37,974	35,147	37,469	36,474	38,363	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	40.3	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	13.2		
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.

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Units	Annual		1987	1988												1989
	1986	1987	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHEMICALS AND ALLIED PRODUCTS—Continued																
PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....mil. lb.	1,813.5	1,697.1														
Polyethylene and copolymers.....do	15,983.0	17,374.6	4,515.2				4,597.1		4,555.4				4,422.5			4,758.5
Polypropylene.....do	6,256.5	6,977.3	1,754.1				1,979.3		1,704.6				1,858.1			1,686.1
Polystyrene and copolymers.....do	7,078.4	8,282.8														
Polyvinyl chloride and copolymers.....do	7,288.6	8,337.8	2,095.4				2,188.1		2,158.4				2,324.2			2,333.5
PAINTS, VARNISH, AND LACQUER †																
Total shipments.....mil. \$.	9,546.7	10,058.4	681.3	751.5	822.3	958.0	970.1	1,084.0	1,067.0	987.5	1,000.0	968.3	940.2	850.2	779.4	
Architectural coatings.....do	4,010.0	4,215.5	244.9	273.8	304.8	385.0	390.7	421.0	457.6	401.4	427.6	385.0	355.8	301.4	282.0	
Product coatings (OEM).....do	3,684.9	3,858.8	289.8	334.5	355.0	387.7	381.7	395.8	392.2	354.2	367.5	388.7	398.4	378.2	345.2	
Special purpose coatings.....do	1,901.9	1,983.8	187.7	148.2	159.4	185.3	197.6	217.1	217.2	202.0	205.0	196.7	186.0	170.7	152.2	

ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw-hr.	2,487,310	2,572,127	220,500	237,586	216,818	213,888	195,818	208,144	282,188	257,048	267,148	220,085	210,377	209,382		
By fuels.....do	2,196,465	2,322,492	199,413	215,371	197,648	194,324	176,717	186,913	213,353	240,145	250,701	203,764	195,266	190,925		
By waterpower.....do	290,844	249,635	21,087	22,214	19,165	19,514	19,102	21,230	18,829	16,904	16,447	16,270	15,112	18,457		
Sales to ultimate customers, total (Edison Electric Institute) ◊.....mil. kw-hr.																
Commercial \$.....do	628,965	656,708	158,309			166,780			165,289			197,196				
Industrial \$.....do	818,982	842,680	213,377			211,402			218,376			228,555				
Railways and railroads.....do	4,689	4,378	1,235			1,804			1,183			1,274				
Residential or domestic.....do	820,015	845,069	198,606			233,639			187,087			256,101				
Street and highway lighting.....do	15,037	14,542	3,798			3,755			3,469			3,570				
Other public authorities.....do	61,888	62,819	15,456			16,098			15,526			17,327				
Interdepartmental.....do	5,167	4,495	1,088			881			982			1,118				
Revenue from sales to ultimate customers (Edison Electric Institute) ◊.....mil. \$.	152,467	155,523	36,907			39,012			37,353			47,539				
GAS ◊																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total @.....thous.	50,943	51,802	51,802			52,720			52,431			52,093				
Residential.....do	46,801	47,579	47,579			48,357			48,139			47,871				
Commercial.....do	3,913	3,990	3,990			4,133			4,058			3,992				
Industrial @.....do	177	179	179			175			179			177				
Other.....do	52	54	54			54			54			53				
Sales to customers, total.....tril. Btu.	11,125	10,543	2,843			4,084			1,961			1,623				
Residential.....do	4,381	4,385	1,230			2,192			791			373				
Commercial.....do	2,239	2,156	605			982			398			260				
Industrial.....do	2,890	2,541	673			640			430			471				
Electric generation.....do	1,449	1,306	292			211			264			502				
Other.....do	167	155	43			60			28			22				
Revenue from sales to customers, total.....mil. \$.	51,201	45,492	12,068			18,238			8,358			6,307				
Residential.....do	24,759	23,622	6,887			10,779			4,390			2,489				
Commercial.....do	11,274	10,271	2,739			4,510			1,857			1,185				
Industrial.....do	10,546	7,500	1,947			2,180			1,362			1,284				
Electric generation.....do	3,949	3,569	796			581			645			1,291				
Other.....do	673	530	139			208			97			58				

FOOD AND KINDRED PRODUCTS; TOBACCO																
ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	196.50	195.42	13.69	15.80	15.85	17.12	17.73	18.31	18.58	18.17	17.72	15.45	15.61	14.02		
Taxable withdrawals.....do	173.72	177.85	12.32	13.30	13.94	15.26	15.24	16.43	17.04	16.41	16.22	14.12	14.09	13.21		
Stocks, end of period.....do	13.42	12.94	12.94	13.47	13.85	14.12	15.13	15.25	14.95	14.88	14.32	13.68	14.15	13.47		
Distilled spirits (total):																
Production.....mil. tax gal.	85.70	76.51	4.41	4.80	6.50	7.43	7.87	9.16	7.10	5.70	5.14	9.82	12.96			
Consumption, apparent, for beverage purposes †.....mil. wine gal.	394.22	387.76	48.19	25.12	26.53	30.65	30.31	30.11	32.70	28.03	29.48	29.93	31.01			
Stocks, end of period.....mil. tax gal.	500.72	455.00	455.00	449.63	448.14	446.43	445.14	395.06	440.21	435.39	431.54	427.33	426.38			
Imports.....mil. proof gal.	103.59	106.89	6.96	7.71	6.22	7.53	7.12	7.58	6.81	6.47	7.80	8.84	11.75	11.12	7.00	
Whisky:																
Production.....mil. tax gal.	50.44	38.33	2.02	1.79	2.53	4.06	4.46	4.68	3.45	3.00	2.82	3.91	5.61			
Stocks, end of period.....do	438.63	393.72	393.72	389.31	386.47	384.78	384.08	334.27	379.37	377.25	373.78	369.90	367.40			
Imports.....mil. proof gal.	67.68	70.92	4.20	4.97	3.67	5.00	4.34	4.35	4.27	3.69	5.06	5.61	8.14	7.30	4.37	
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	30.86	27.88	2.30	1.78	2.48	1.66	2.26	1.36	3.45	2.71	2.66	3.04	3.65			
Taxable withdrawals.....do	30.23	30.04	3.44	2.13	1.24	1.51	1.86	1.91	1.96	1.70	1.75	3.48	3.37			
Stocks, end of period.....do	15.96	14.99	14.99	15.36	16.50	16.46	17.29	17.57	17.87	18.45	19.00	18.27	17.95			
Imports.....do	14.30	13.87	1.23	.60	.72	.94	.72	.86	.78	.87	1.08	1.06	1.99	2.12	1.29	
Still wines:																
Production.....do	482.34	442.32	24.78	6.23	4.61	5.14	3.84	4.88	3.50	6.72	26.50	192.53	117.01			
Taxable withdrawals.....do	448.14	452.76	37.11	35.02	31.84	38.47	40.49	41.65	47.22	38.98	36.40	33.09	32.46			
Stocks, end of period.....do	598.74	601.63	601.63	586.92	539.39	501.19	542.39	470.22	454.47	387.52	371.93	569.32	548.27			
Imports.....do	90.31	82.42	5.30	4.78	4.98	6.11	5.38	5.69	5.68	5.52	5.34	5.24	7.12	7.00	5.17	
Distilling materials produced at wineries.....do																
	143.17	145.90	6.79	7.60	10.98	2.21	3.10	3.50	2.94	1.96	10.09	40.53	32.88			

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 1988 and methodological notes are as shown in Business Statistics: 1986																
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	5,205	5,205	5,205	5,640	5,640	5,640	5,126	.....	.....	.....
Exports.....do.....	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.....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	.385	.340	.....
Eggs:																	
Production on farms.....mil. cases \$..	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	.....
Stocks, cold storage, end of period:																	
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..	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	.....
Steers, stocker and feeder (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, vealers (So. St. Paul).....dollars \$..	59.92	73.92	83.00	86.88	87.50	87.50	96.41	97.66	100.88	77.50	87.50	*202.44	213.75	230.88	225.63	230.25	.....
Hogs:																	
Slaughter (federally inspected).....thous. animals..	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	.....
Prices:																	
Wholesale, average, all weights (Sioux City) \$ per 100 lb..	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	.....
Hog-corn price ratio (bu. of corn equal in 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..	5,464	5,042	439	380	408	535	388	414	413	387	442	452	437	413	447	418	.....
Price, wholesale, lambs, average (Omaha) \$ 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..	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	.....
Stocks, cold storage, end of period.....do.....	564	623	623	*665	693	716	758	720	669	666	630	646	664	704	*716	747	.....
Exports (meats and meat preparations).....do.....	1,722	2,017	181	159	153	165	179	191	198	205	*231	219	225	227	231	.....	.....
Imports (meats and meat preparations).....do.....	2,544	2,755	156	290	238	280	247	230	276	219	252	200	194	196	163	.....	.....
Beef and veal:																	
Production, total.....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	.....
Stocks, cold storage, end of period.....do.....	318	293	293	*321	332	317	309	278	251	269	294	311	300	305	*323	324	.....
Exports.....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.) (Central U.S.).....\$ per lb..	.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	.....
Lamb and mutton:																	
Production, total.....mil. lb..	390	310	28	24	26	35	26	27	27	24	28	28	28	27	29	27	.....
Stocks, cold storage, end of period.....do.....	13	8	8	8	8	7	8	8	9	9	7	7	6	6	6	7	.....
Pork (excluding lard):																	
Production, total.....do.....	13,998	14,312	1,390	1,244	1,183	1,360	1,263	1,231	1,232	1,133	1,281	1,359	1,442	1,462	1,424	1,310	.....
Stocks, cold storage, end of period.....do.....	197	285	285	*291	308	346	396	389	363	337	287	288	321	364	*358	379	.....
Exports.....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 \$..	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	.....	.....
From Brazil.....do.....	2,200	3,923	161	357	373	276	315	283	250	375	512	438	642	203	240	.....	.....
U.S. Import Price Index †.....1985=100..	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	4,307	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.....																
	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	
Women's plastic upper.....do.....																
	106.6	104.9	107.2	*107.4	107.4	107.2	107.3	107.2	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	773			
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	3,267			
Shipments, total.....do.....	*42,618	*47,090	3,365	3,790	4,092	4,320	4,257	4,261	4,309	3,688	*3,929	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	683	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.

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.
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	988	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	33,503	33,770	37,449	38,499	32,083	44,539	52,193	52,535	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	889	997	1,011	999	968	839	714	787	940	922	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	13.0	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	(9)	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	87	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	38,325	46,394	4,508	4,083	4,273	4,243	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	9,384	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	18,843	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	8,333	8,606	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	313	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.	
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in Business Statistics: 1986																
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	60.1	
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons	20.0	21.6	21.6	21.8	26.6	25.8	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	4,228	4,250	4,384	4,461	4,570	4,605	'4,542	4,576			
Zinc:																	
Mine prod., recoverable zinc.....thous. met. tons																	
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	.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	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	(²)	.1			(²)	(²)	(²)	.1	.2	.1	(²)	(²)		
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. \$																	
Electric processing heating equipment.....do	148.2	'226.0	49.4			43.8			50.5								
Fuel-fired processing heating equip.....do	65.5	54.9	10.8			18.2			15.7								
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	'167.00	
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	'145.45	
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	'102.85	
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	'89.50	
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	1,805.5	'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	70.95	63.85	
Domestic.....do	506.30	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	56.60	
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	'49.35	
Domestic.....do	621.35	537.90	44.05	64.05	48.10	61.80	51.70	57.85	69.25	43.75	40.75	65.70	55.30	80.15	64.30	'42.20	
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	385.8	'400.2	

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

Table with columns for Units, Annual (1986, 1987), 1987 (Dec, Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec), and 1989 (Jan). Section: PETROLEUM, COAL, AND PRODUCTS—Continued. Sub-section: PETROLEUM AND PRODUCTS —Continued. Rows include Domestic product demand, Gasoline, Kerosene, Distillate fuel oil, Lubricants, etc.

Table with columns for Units, Annual (1986, 1987), 1987 (Dec, Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, Nov, Dec), and 1989 (Jan). Section: PULP, PAPER, AND PAPER PRODUCTS. Sub-section: PULPWOOD. Rows include Receipts, Consumption, Inventories, 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.

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	6,813	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	103.8	111.2	113.7	*113.7	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.....	'10,631	'11,223	932	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	732	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	24,732	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	.....	.....	175.8	.....	.....	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	34,333	34,333	37,047	39,904	40,737	41,149	40,159	37,976	37,355	36,064	34,771	34,074	33,434	.....	.....
Exports (Bu. of Census).....do.....	5,202	9,580	1,259	1,323	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.

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	(2)	(2)	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	111.1
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.....	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	
Beverage.....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	
Beer.....do.....	86,922	85,357	6,517	7,923	6,645	6,032	7,503	8,142	7,546	7,741	7,482	6,943	7,332	6,602	6,403	
Liquor and wine ↑.....do.....	27,856	28,382	2,115	2,153	2,068	2,423	2,523	2,518	2,718	2,533	2,338	1,846	1,960	1,798	1,715	
Wide-mouth containers:																
Food and dairy products.....do.....	62,795	62,673	4,766	5,198	5,256	5,508	5,225	5,091	5,874	5,324	6,121	6,013	6,153	5,294	4,828	
Narrow-neck and wide-mouth containers:																
Medicinal and toilet.....do.....	18,343	14,167	897	788	737	1,050	787	879	850	674	786	825	829	*814	753	
Chemical, household, and industrial.....do.....	1,490	1,371	103	86	83	120	91	55	67	52	75	91	85	109	99	
Stocks, end of period ↑.....do.....	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..	'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	
Calcined.....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	
Imports, crude gypsum.....do.....	9,559	9,717	635	837	801	512	986	635	873	804	775	760	850	915		
Sales of gypsum products:																
Uncalcined.....do.....	'5,331	'6,324	591	342	306	378	359	415	632	444	417	462	533	460	564	
Calcined:																
Industrial plasters.....do.....	'476	'496	9	10	20	11	13	11	11	12	10	11	13	12	13	
Building plasters, total (incl. Keene's cement).....do.....	'278	'280	19	18	21	23	21	20	19	19	22	19	19	18	16	
Board products, total.....mil. sq. ft..																
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.....	'454	'479	36	36	36	44	41	40	39	37	44	40	40	40	37	
Gypsum sheathing.....do.....	'338	'313	22	19	19	27	24	25	26	23	26	24	26	18	30	
Regular gypsum board.....do.....	'13,817	'13,920	914	884	975	1,154	1,003	993	992	1,027	1,143	1,057	1,139	1,043	1,005	
Type X gypsum board.....do.....	'4,358	'4,489	425	420	451	528	473	462	474	479	549	499	541	468	453	
Predecorated wallboard.....do.....	'132	'128	10	9	9	10	9	9	11	10	11	10	9	10	10	
3/4" mobile home board.....do.....	'571	'598	42	49	51	72	30	77	74	69	79	79	80	65	53	
Water/moisture resistant board.....do.....	'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..	6,796															
Cotton.....do.....	2,522															
Manmade fiber and silk fabrics.....do.....	4,271															
Inventories held at end of period ..																
Cotton.....do.....	504															
Cotton.....do.....	211															
Manmade fiber and silk fabrics.....do.....	293															
Backlog of finishing orders.....do.....																
Cotton.....do.....																
Manmade fiber and silk fabrics.....do.....																
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..																
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.....	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
Public storage and compresses.....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
Consuming establishments.....do.....	10,252	10,555	10,555	10,197	9,151	7,972	7,028	5,987	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	733	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 no. weeks' prod.																	
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.																	
Ratio of stocks to unfilled orders (at cotton mills), end of period.....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			19.3					
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			*42,532			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.

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

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† 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.

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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
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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.