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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.

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NOTE.—This issue of the SURVEY went to the printer on December 5, 1989. It incorporates data from the following monthly BEA news releases:

- Gross National Product (Nov. 29),
- Personal Income and Outlays (Nov. 30), and
- Composite Indexes of Leading, Coincident, and Lagging Indicators (Dec. 1).

the BUSINESS SITUATION

PRELIMINARY estimates show that real GNP—a measure of U.S. production—increased at an annual rate of 2½ percent in the third quarter of 1989; the advance estimates issued a month ago had shown a similar increase. The third-quarter increase in real gross domestic purchases—a measure of U.S. demand—was revised down from 4½ percent to 4 percent at an annual rate. The third-quarter increases in both the GNP price index (fixed weights) and the gross domestic purchases price index (fixed weights) were unrevised at annual rates of 3 percent and 2½ percent, respectively (chart 1).¹

Although the third-quarter revision in real GNP was small, revisions in two major components were substantial. Net exports was revised up \$10.5 billion, and inventory investment was revised down \$9.0 billion (see table 1 on page 18).

Within net exports, a \$2.3 billion upward revision in exports was largely attributable to new and revised monthly Census Bureau merchandise trade data. An \$8.2 billion downward revision in imports reflected a revision in merchandise trade due to the

newly available monthly Census Bureau data and a revision in services that stemmed from new information on the impact of Hurricane Hugo (see the section on corporate profits for a discussion of this revision).

The downward revision in inventory investment—that is, change in business inventories—was concentrated in nonfarm inventories. The change in manufacturing inventories was revised down \$5.2 billion, and the change in wholesale trade inventories was revised down \$6.0 billion; these revisions reflected new and revised monthly Census Bureau inventory data.

The broad picture of the economy sketched in last month's "Business Situation" was not greatly altered by the revisions. Real GNP increased at the same pace in the third quarter as in the second. Real gross domestic purchases increased considerably more than in the second quarter, reflecting a sharp downswing in net exports; growth in exports slowed sharply, and imports increased at about the same pace in both quarters (the advance estimates had shown a pickup in imports). Inflation, as measured by the GNP price index and the gross domestic purchases price index, slowed in the third quarter.

Corporate Profits

Profits from current production declined \$15½ billion in the third quarter after a decline of \$8½ billion in the second (table 1). Hurricane Hugo, which ripped into the southeastern coast of the United States in late September, caused most of the third-quarter

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

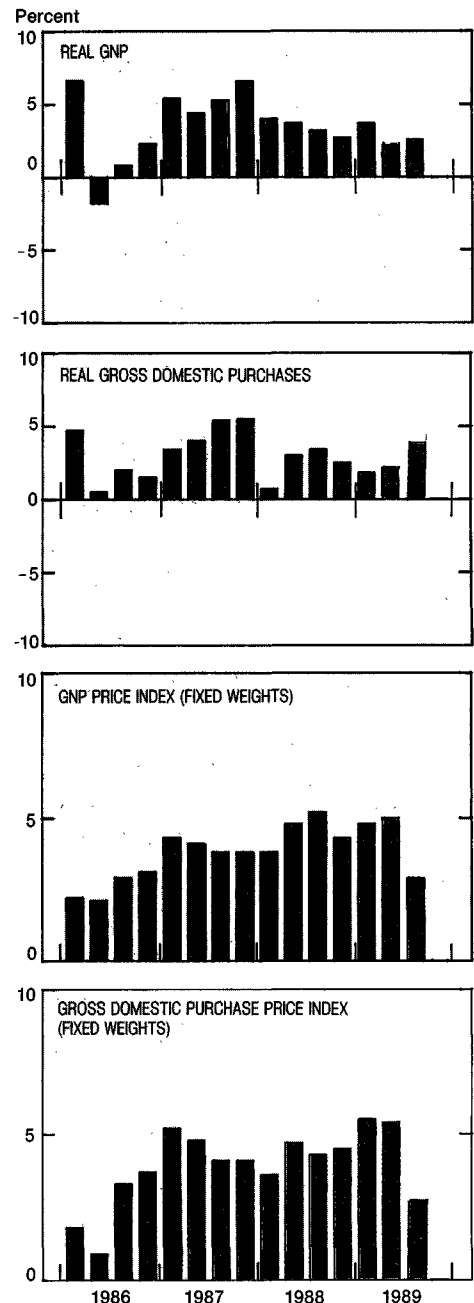
1. The regularly featured estimates of real GNP and GNP prices are based on 1982 weights. Alternative measures based on more current weights are shown in tables 6 and 7 on page 20.

Looking Ahead...

• **Regional Differences in Economic Growth.** An article accounting for regional differences in per capita personal income growth will appear in an upcoming issue of the SURVEY. This article, covering 1929–88, updates and extends an earlier analysis.

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

89-11-1

Table 1.—Corporate Profits

	Change from preceding quarter		Level 1989:III
	1989:II	1989:III	
Billions of dollars			
Profits from current production.....	-8.5	-15.5	292.3
Domestic.....	-5.5	-15.0	249.2
Financial.....	-8	-10.2	23.4
Nonfinancial.....	-4.8	-4.7	225.8
Rest of the world.....	-3.0	-0.5	43.1
Inventory valuation adjustment.....	17.8	14.5	-6.0
Capital consumption adjustment.....	-4.3	-6.0	26.3
Profits before tax.....	-22.0	-24.0	272.0
Profits tax liability.....	-9.5	-12.5	122.4
Profits after tax.....	-12.5	-11.6	149.5
Profits by industry:			
Profits before tax with IVA.....	-4.2	-9.5	266.0
Domestic.....	-1.2	-9.0	222.9
Financial.....	-7	-10.2	18.4
Nonfinancial.....	-7	1.3	204.5
Manufacturing.....	-6.2		
Trade.....	2.8		
Transportation and public utilities.....	-8		
Other.....	3.5		
Rest of the world.....	-3.0	-0.5	43.1
Dollars			
Unit prices, costs, and profits of domestic nonfinancial corporations:			
Unit price.....	0.012	0.008	1.176
Unit labor cost.....	.010	.005	.783
Unit nonlabor cost.....	.005	.005	.302
Unit profits from current production.....	-.003	-.003	.090

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

decline. Domestic insurance companies paid almost \$9½ billion in storm-related benefits, reducing profits of domestic financial corporations by that amount; in addition, storm-related corporate damages not covered by insurance reduced profits, mainly of domestic nonfinancial corporations, by about \$1½ billion.

Last month's "Business Situation" reported that domestic insurance company benefit payments arising from the storm were about \$12 billion.² The downward revision, to less than \$9½ billion, is based on new information indicating that about \$3 billion of insurance payments that had been attributed to domestic insurers were actually from foreign insurers and reinsurers. In the national income and product accounts (NIPA's), purchases of casualty insurance are recorded as the difference between premiums and benefits, and purchases of insurance from foreigners are reflected in service imports. Recognition of the \$3 billion in benefits received from foreign insurers, therefore, resulted in a \$3 billion downward revision in imports and a \$3

2. The October "Business Situation" also described the sources used by BEA for estimating the impact of the hurricane, the types of property damage included in the estimates, and the effect of the storm on incomes other than corporate profits.

billion upward revision in net exports and in GNP.

Domestic nonfinancial corporations.—For domestic nonfinancial corporations, profits from current production declined \$4½ billion in the third quarter after a similar decline in the second. (The third-quarter decline includes the storm damage of close to \$1½ billion not covered by insurance.) Real product of these corporations increased more in the third quarter than in the second, but unit profits from current production fell. The decline in unit profits reflected a smaller increase in unit prices than in unit costs; both labor and nonlabor unit costs increased.

Profits before tax.—Profits before tax (PBT) declined \$24 billion in the third quarter after a decline of about the same size in the second. The current-production measure of profits includes two adjustments that are not included in PBT—namely, the inventory valuation adjustment (IVA) and the capital consumption adjustment (CCAdj); these adjustments convert the inventories and depreciation reported by business to those used in the NIPA's. The IVA increased \$14½ billion in the third quarter, somewhat less than in the second; the CCAdj declined by \$6 billion in the third quarter, somewhat more than in the second. The third-quarter increase in the IVA—or, equivalently, the decline in inventory profits—resulted from a slowdown in the rate of increase in inventory prices. For example, the Producer Price Index, the components of which are a major source of data on inventory prices, changed little in the third quarter after a 5-percent increase in the second.

Government Sector

The fiscal position of the government sector deteriorated in the third quarter of 1989, as the combined deficit of the Federal Government and of State and local governments increased \$5 billion to \$103 billion (table 2). The increase was caused by an increase in the Federal Government deficit and a decline in the State and local government surplus.

The Federal sector.—The Federal Government deficit increased \$2 billion to \$147½ billion, as receipts declined more than expenditures.

Receipts declined \$10 billion, in contrast to a \$17 billion increase in the second quarter. Corporate profits tax accruals declined \$10 billion, compared with a \$7½ billion decline in the second quarter; both declines were attributable to declining profits. Personal tax and nontax receipts declined \$6 billion after an \$18 billion increase in the second quarter. These large changes in personal taxes were due to provisions of the Tax Reform Act of 1986; final settlements were boosted in the second quarter of 1989 by tax payments on income shifted from 1987 to 1988 to take advantage of lower tax rates. Indirect business tax and nontax accruals increased \$1½ billion after no change in the second quarter; the acceleration was in customs duties and in nontaxes, which included a \$½ billion (annual rate) fine levied on a major securities trader. Contributions for social insurance increased \$4½ billion after a \$6 billion increase in the second quarter, reflecting continued growth in incomes.

Expenditures declined \$8 billion, in contrast to a \$15 billion increase in the second quarter. Large declines in subsidies less the current surplus of government enterprises and in nondefense purchases were partly offset by increases in other categories. A \$13½ billion decline in subsidies less the current surplus of government enterprises included \$10½ billion in Government payments to farmers. In the second quarter, payments to farmers included large advance deficiency payments for the 1989 crop and disaster payments for the 1988 crop; no comparable payments were made in the third quarter. A \$9½ billion decline in nondefense purchases included \$8½ billion in net purchases of agricultural commodities by the Commodity Credit Corporation.

National defense purchases increased \$7 billion. The increase was accounted for by services other than compensation of employees (\$4 billion) and military equipment (\$3 billion). Transfer payments to persons increased \$6 billion, primarily because of growth in benefits for social security, medicare, and catastrophic medical insurance. All other expenditures, on balance, increased \$2 billion.

Cyclically adjusted surplus or deficit.—When measured using cyclical adjustments based on a 6-percent un-

employment rate trend GNP, the Federal deficit on the national income and product accounts basis increased from \$183.3 billion in the second quarter to \$186.5 billion in the third (see table 3 on page 19). The cyclically adjusted deficit as a percentage of the 6-percent unemployment rate trend GNP was 3.6 percent in both quarters.

The State and local sector.—The State and local government surplus declined \$3 billion to \$44½ billion, as expenditures increased more than receipts.

Receipts increased \$8 billion, compared with a \$10 billion increase in the second quarter. Personal tax and nontax payments increased \$2½ billion, compared with \$6 billion in the second quarter; most of the deceleration was attributable to indirect effects of the Tax Reform Act of 1986. Corporate profits tax accruals declined \$2½ billion, about the same as in the second quarter; both declines were attributable to declining profits. Indirect business tax and nontax accruals increased \$7 billion, compared with \$5½ billion in the second quarter; the acceleration was in sales taxes. All other receipts, on balance, increased \$1 billion.

Expenditures increased \$11 billion, about the same as in the second quarter. Purchases of goods and services increased \$9½ billion, slightly less than in the second quarter; a deceleration in fuel purchases was partly offset by an acceleration in purchases of structures. All other expenditures, on balance, increased \$1½ billion, slightly more than in the second quarter.

Table 2.—Government Sector Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	Change from preceding quarter					Level 1989: III
	1988		1989			
	III	IV	I	II	III	
Government sector						
Receipts.....	12.1	26.6	51.2	27.3	-2.2	1,675.2
Expenditures.....	-4.2	75.7	28.0	26.5	2.9	1,778.2
Surplus or deficit (-).....	16.2	49.2	23.2	.8	-5.2	-103.0
Federal Government						
Receipts.....	4.1	17.3	41.6	17.0	-10.1	1,043.1
Personal tax and nontax receipts.....	-6.0	8.9	26.5	18.2	-6.0	459.1
Corporate profits tax accruals.....	2.4	1.8	1.2	-7.3	-10.0	99.7
Indirect business tax and nontax accruals.....	1.5	.4	.2	.2	1.3	59.4
Contributions for social insurance.....	6.3	6.1	13.8	5.8	4.7	424.8
Expenditures.....	-14.9	62.4	21.5	14.9	-8.1	1,190.5
Purchases of goods and services.....	-9.6	38.9	-7.4	6.9	-2.7	403.3
National defense.....	-1.9	4.4	-1.8	2.6	6.9	308.2
Nondefense.....	-7.6	34.5	-5.6	4.3	-9.6	95.1
Of which: Commodity Credit Corporation inventory change.....	-4.4	30.0	-7.9	2.8	-8.7	-9.8
Transfer payments.....	3.6	9.6	12.8	6.5	6.7	473.6
To persons.....	2.1	3.0	19.5	6.9	5.9	461.6
To foreigners.....	1.5	6.6	-6.7	-.4	.8	12.0
Grants-in-aid to State and local governments.....	-1.2	1.2	6.5	-.3	-.1	118.3
Net interest paid.....	4.0	3.2	10.0	5.0	1.3	173.3
Subsidies less current surplus of government enterprises.....	-11.8	9.6	-.4	-3.2	-13.4	22.0
Subsidies.....	-14.6	18.4	-1.7	-5.7	-10.2	18.3
Of which: Agricultural subsidies.....	-15.0	18.1	-2.0	-6.0	-10.4	1.7
Less: Current surplus of government enterprises.....	-2.8	8.8	-1.3	-2.5	3.1	-3.7
Less: Wage accruals less disbursements.....						
Surplus or deficit (-).....	19.0	-45.1	20.1	2.1	-2.0	-147.4
State and local governments						
Receipts.....	6.8	10.5	16.1	10.0	7.8	750.4
Personal tax and nontax receipts.....	1.2	3.0	4.0	6.1	2.5	190.1
Corporate profits tax accruals.....	.4	.2		-2.2	-2.5	22.7
Indirect business tax and nontax accruals.....	5.5	5.2	4.8	5.5	6.9	362.2
Contributions for social insurance.....	.8	.9	.8	.9	.9	57.1
Federal grants-in-aid.....	-1.2	1.2	6.5	-.3	-.1	118.3
Expenditures.....	9.5	14.6	13.0	11.3	10.9	706.0
Purchases of goods and services.....	8.0	13.9	12.0	10.2	9.6	636.8
Of which: Structures.....	-2.1	3.3	-1.3	-.5	.5	71.6
Transfer payments to persons.....	2.7	2.6	2.4	2.8	3.1	142.6
Net interest paid.....	-5	-7	-6	-6	-6	-43.0
Less: Dividends received by government.....	.3	.3	.3	.3	.6	10.1
Subsidies less current surplus of government enterprises.....	-4	-1.0	-5	-8	-5	-20.4
Subsidies.....						.8
Less: Current surplus of government enterprises.....	.4	1.0	.5	.8	.6	21.1
Less: Wage accruals less disbursements.....						
Surplus or deficit (-).....	-2.6	-4.1	3.1	-1.3	-3.2	44.3
Social insurance funds.....	1.7	1.7	1.7	1.7	2.0	79.1
Other.....	-4.4	-5.8	1.4	-3.0	-5.2	-34.8

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

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

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Gross national product	4,524.3	4,880.6	4,838.5	4,926.9	5,017.3	5,113.1	5,201.7	5,278.9
Less: Exports of goods and services	448.6	547.7	532.5	556.8	579.7	605.6	626.1	623.3
Plus: Imports of goods and services	561.2	621.3	607.5	623.0	650.5	659.6	676.6	676.8
Equals: Gross domestic purchases ²	4,636.8	4,954.3	4,913.4	4,993.1	5,088.1	5,167.1	5,252.3	5,332.3
Less: Change in business inventories.....	29.3	30.6	29.3	44.6	18.7	27.7	27.4	26.9
Equals: Final sales to domestic purchasers ³	4,607.6	4,923.7	4,884.1	4,948.5	5,069.5	5,139.4	5,224.9	5,305.5

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

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

Table 1.7.—Gross National Product by Sector

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Gross national product	4,524.3	4,880.6	4,838.5	4,926.9	5,017.3	5,113.1	5,201.7	5,278.9
Gross domestic product	4,493.8	4,847.3	4,808.4	4,894.7	4,982.9	5,078.5	5,170.8	5,252.8
Business.....	3,851.5	4,153.5	4,121.2	4,194.7	4,271.1	4,347.2	4,426.7	4,494.4
Nonfarm.....	3,779.5	4,087.1	4,042.5	4,119.6	4,225.5	4,280.0	4,356.0	4,433.9
Nonfarm less housing.....	3,407.6	3,685.6	3,645.3	3,714.7	3,813.5	3,862.7	3,932.5	3,995.4
Housing.....	371.8	401.5	397.2	404.9	412.0	417.2	423.5	438.5
Farm.....	76.8	76.1	78.8	83.7	62.3	91.3	89.0	83.5
Statistical discrepancy.....	-4.7	-9.6	-1	-8.6	-16.6	-24.1	-18.3	-22.9
Households and institutions.....	169.3	188.0	185.1	190.8	195.5	201.2	207.1	214.4
Private households.....	9.2	9.4	9.3	9.4	9.5	9.5	9.6	9.7
Nonprofit institutions.....	160.1	178.7	175.8	181.4	186.0	191.7	197.5	204.7
Government.....	473.0	505.8	502.1	509.2	516.3	530.1	536.9	544.0
Federal.....	150.9	159.3	158.7	159.8	160.8	168.3	169.1	170.1
State and local.....	322.1	346.5	343.5	349.4	355.5	361.8	367.9	373.9
Rest of the world.....	30.5	33.3	30.0	32.3	34.5	34.5	31.0	26.0
Addendum:								
Gross domestic business product less housing.....	3,472.2	3,744.3						

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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Gross national product	3,853.7	4,024.4	4,010.7	4,042.7	4,069.4	4,106.8	4,132.5	4,160.2
Less: Exports of goods and services	450.9	530.1	519.7	531.9	551.4	569.7	587.5	589.8
Plus: Imports of goods and services	566.6	605.0	592.3	606.9	625.2	624.6	638.7	653.4
Equals: Gross domestic purchases ²	3,969.4	4,099.3	4,083.3	4,117.6	4,143.2	4,161.8	4,183.7	4,223.8
Less: Change in business inventories.....	23.7	27.9	21.5	37.5	18.3	24.5	19.1	21.2
Equals: Final sales to domestic purchasers ³	3,945.8	4,071.4	4,061.8	4,080.1	4,124.9	4,137.3	4,164.7	4,202.6

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

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

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Gross national product	3,853.7	4,024.4	4,010.7	4,042.7	4,069.4	4,106.8	4,132.5	4,160.2
Gross domestic product	3,827.2	3,996.3	3,985.1	4,015.6	4,040.8	4,078.5	4,107.3	4,139.0
Business.....	3,328.9	3,482.9	3,474.1	3,499.7	3,521.7	3,555.7	3,580.7	3,608.3
Nonfarm.....	3,249.6	3,418.2	3,398.8	3,435.5	3,474.2	3,494.5	3,518.6	3,550.3
Nonfarm less housing.....	2,967.8	3,127.9	3,109.2	3,144.3	3,181.7	3,200.8	3,223.1	3,253.2
Housing.....	281.8	290.3	289.6	291.2	292.5	293.8	295.5	297.1
Farm.....	83.4	72.7	75.3	71.4	61.2	80.8	76.9	76.3
Statistical discrepancy.....	-4.1	-8.0	0	-7.2	-13.7	-19.7	-14.8	-18.4
Households and institutions.....	128.6	137.3	136.0	139.0	140.5	142.7	145.4	148.0
Private households.....	8.8	8.8	8.8	8.9	8.9	8.9	8.9	9.0
Nonprofit institutions.....	119.9	128.4	127.2	130.2	131.6	133.8	136.5	139.0
Government.....	369.6	376.1	375.0	376.8	378.6	380.1	381.2	382.7
Federal.....	123.6	125.2	124.7	125.3	126.0	126.4	126.5	127.0
State and local.....	246.0	250.9	250.3	251.5	252.7	253.7	254.7	255.7
Rest of the world.....	26.6	28.1	25.6	27.1	28.5	28.3	25.2	21.2
Addendum:								
Gross domestic business product less housing.....	3,038.0	3,183.7						

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]		Seasonally adjusted at annual rates					
	1987	1988	1988			1989		
			II	III	IV	I	II	III ¹
Gross national product	4,524.3	4,880.6	4,838.5	4,926.9	5,017.3	5,113.1	5,201.7	5,278.9
Less: Capital consumption allowances with capital consumption adjustment.....	486.7	513.6	510.2	515.2	524.1	533.0	541.0	565.6
Capital consumption allowances without capital consumption adjustment.....	507.1	526.4	525.2	528.9	531.3	532.7	533.6	544.8
Less: Capital consumption adjustment.....	20.4	12.8	15.0	13.6	7.1	-3	-7.3	-20.8
Equals: Net national product	4,037.6	4,367.1	4,328.2	4,411.7	4,493.2	4,580.1	4,660.8	4,713.3
Less: Indirect business tax and nontax liability.....	367.8	393.5	390.1	397.0	402.7	407.7	413.4	421.6
Business transfer payments.....	26.7	29.0	28.7	29.4	30.1	30.8	31.5	32.2
Statistical discrepancy.....	-4.7	-9.6	-1	-8.6	-16.6	-24.1	-18.3	-22.9
Plus: Subsidies less current surplus of government enterprises.....	17.6	18.5	24.0	11.8	20.4	19.5	15.5	1.6
Equals: National income	3,665.4	3,972.6	3,933.6	4,005.7	4,097.4	4,185.2	4,249.6	4,284.0
Less: Corporate profits with inventory valuation and capital consumption adjustments.....	298.7	328.6	325.3	330.9	340.2	316.3	307.8	292.3
Net interest.....	351.7	392.9	383.0	396.4	415.7	436.1	458.4	471.0
Contributions for social insurance.....	400.8	444.6	441.1	448.2	455.2	469.7	476.4	482.0
Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Plus: Government transfer payments to persons.....	521.5	555.7	553.2	558.0	563.7	585.6	595.3	604.2
Personal interest income.....	523.2	571.1	560.0	576.3	598.6	629.0	655.1	669.2
Personal dividend income.....	92.0	102.2	100.4	103.6	106.4	109.4	111.4	113.2
Business transfer payments.....	26.7	29.0	28.7	29.4	30.1	30.8	31.5	32.2
Equals: Personal income	3,777.6	4,064.5	4,026.6	4,097.6	4,185.2	4,317.8	4,400.3	4,457.5

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

	[Billions of 1982 dollars]							
Gross national product	3,853.7	4,024.4	4,010.7	4,042.7	4,069.4	4,106.8	4,132.5	4,160.2
Less: Capital consumption allowances with capital consumption adjustment.....	460.8	480.2	477.5	482.7	488.1	493.5	498.9	518.6
Equals: Net national product	3,392.9	3,544.2	3,533.2	3,559.9	3,581.2	3,613.3	3,633.6	3,641.6
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	317.9	327.8	326.3	329.2	331.2	331.3	331.8	335.7
Statistical discrepancy.....	-4.1	-8.0	0	-7.2	-13.7	-19.7	-14.8	-18.4
Equals: National income	3,079.0	3,224.5	3,206.9	3,237.9	3,263.7	3,301.6	3,316.6	3,324.3

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

	[Billions of 1982 dollars]							
Gross national product	3,853.7	4,024.4	4,010.7	4,042.7	4,069.4	4,106.8	4,132.5	4,160.2
Less: Net exports of goods and services.....	-115.7	-74.9	-72.6	-74.9	-73.8	-55.0	-51.2	-63.6
Exports.....	450.9	530.1	519.7	531.9	551.4	569.7	587.5	589.8
Imports.....	566.6	605.0	592.3	606.9	625.2	624.6	638.7	653.4
Equals: Gross domestic purchases	3,969.4	4,099.3	4,083.3	4,117.6	4,143.2	4,161.8	4,183.7	4,223.8
Plus: Command-basis net exports of goods and services.....	-113.6	-71.7	-73.1	-64.5	-68.0	-51.1	-47.7	-51.6
Command-basis exports ¹	452.9	533.3	519.3	542.4	557.2	573.5	590.9	601.8
Imports.....	566.6	605.0	592.3	606.9	625.2	624.6	638.7	653.4
Equals: Command-basis gross national product	3,855.8	4,027.5	4,010.2	4,053.1	4,075.2	4,110.7	4,136.0	4,172.2
Addendum:								
Terms of trade ²	100.5	100.6	99.9	101.9	101.1	100.7	100.7	102.0

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]		Seasonally adjusted at annual rates					
	1987	1988	1988			1989		
			II	III	IV	I	II	III ¹
National income	3,665.4	3,972.6	3,933.6	4,005.7	4,097.4	4,185.2	4,249.6	4,284.0
Compensation of employees	2,690.0	2,907.6	2,878.9	2,935.1	2,997.2	3,061.7	3,118.2	3,171.9
Wages and salaries.....	2,249.4	2,429.0	2,405.4	2,452.2	2,505.1	2,560.7	2,608.8	2,654.7
Government and government enterprises.....	419.2	446.5	443.1	449.6	456.3	466.9	473.5	480.2
Other.....	1,830.1	1,982.5	1,962.3	2,002.6	2,048.9	2,093.8	2,135.3	2,174.5
Supplements to wages and salaries.....	440.7	478.6	473.5	482.9	492.0	501.0	509.4	517.2
Employer contributions for social insurance.....	227.8	249.7	247.7	251.8	255.6	259.7	263.4	266.6
Other labor income.....	212.8	228.9	225.9	231.1	236.5	241.3	246.0	250.7
Proprietors' income with inventory valuation and capital consumption adjustments	311.6	327.8	331.8	327.0	328.3	359.3	355.5	343.6
Farm.....	41.6	39.8	45.4	37.7	32.0	59.0	51.3	36.3
Proprietors' income with inventory valuation adjustment.....	49.6	47.3	53.0	45.0	39.2	66.2	58.4	43.8
Capital consumption adjustment.....	-8.0	-7.5	-7.7	-7.4	-7.2	-7.2	-7.1	-7.5
Nonfarm.....	270.0	288.0	286.5	289.3	296.3	300.3	304.2	307.3
Proprietors' income.....	238.9	259.2	257.8	260.4	267.8	274.4	278.7	281.1
Inventory valuation adjustment.....	-1.0	-1.5	-1.8	-1.6	-1.3	-2.5	-1.9	0
Capital consumption adjustment.....	32.2	30.3	30.5	30.5	29.8	28.5	27.4	26.1
Rental income of persons with capital consumption adjustment	13.4	15.7	14.6	16.3	16.1	11.8	9.8	5.2
Rental income of persons.....	61.2	65.4	64.3	65.8	66.1	62.9	62.5	63.7
Capital consumption adjustment.....	-47.9	-49.8	-49.7	-49.6	-49.9	-51.1	-52.7	-58.5
Corporate profits with inventory valuation and capital consumption adjustments	298.7	328.6	325.3	330.9	340.2	316.3	307.8	292.3
Corporate profits with inventory valuation adjustment.....	247.8	281.8	276.4	284.1	298.7	279.7	275.5	266.0
Profits before tax.....	266.7	306.8	305.3	314.4	318.8	318.0	296.0	272.0
Profits tax liability.....	124.7	137.9	138.4	141.2	143.2	144.4	134.9	122.4
Profits after tax.....	142.0	168.9	166.9	173.2	175.6	173.6	161.1	149.5
Dividends.....	98.7	110.4	108.6	112.2	115.2	118.5	120.9	123.3
Undistributed profits.....	43.3	58.5	58.3	61.1	60.4	55.1	40.2	26.3
Inventory valuation adjustment.....	-18.9	-25.0	-28.8	-30.4	-20.1	-38.3	-20.5	-6.0
Capital consumption adjustment.....	50.9	46.8	48.9	46.9	41.5	36.6	32.3	26.3
Net interest	351.7	392.9	383.0	396.4	415.7	436.1	458.4	471.0
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments.....	174.0	190.7	187.0	189.7	196.9	171.9	172.9	169.9
Net cash flow with inventory valuation and capital consumption adjustments.....	378.4	402.0	397.4	400.7	411.5	388.6	391.7	396.8
Undistributed profits with inventory valuation and capital consumption adjustments.....	75.3	80.3	78.3	77.6	81.7	53.4	52.0	46.6
Capital consumption allowances with capital consumption adjustment.....	303.1	321.7	319.0	323.1	329.7	335.2	339.7	350.2
Less: Inventory valuation adjustment.....	-18.9	-25.0	-28.8	-30.4	-20.1	-38.3	-20.5	-6.0
Equals: Net cash flow.....	397.3	427.0	426.2	431.1	431.6	426.9	412.2	402.7

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

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Billions of dollars								
Gross domestic product of corporate business	2,719.4	2,955.0	2,927.1	2,982.8	3,048.6	3,078.6	3,126.1	3,168.6
Capital consumption allowances with capital consumption adjustment.....	303.1	321.7	319.0	323.1	329.7	335.2	339.7	350.2
Net domestic product.....	2,416.4	2,633.3	2,608.1	2,659.6	2,718.9	2,743.4	2,786.4	2,818.5
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	259.6	278.6	275.7	281.9	284.8	288.5	293.1	300.2
Domestic income.....	2,156.8	2,354.7	2,332.4	2,377.8	2,434.0	2,454.9	2,493.3	2,518.2
Compensation of employees.....	1,807.8	1,951.2	1,932.4	1,969.5	2,012.0	2,050.6	2,087.7	2,122.5
Wages and salaries.....	1,520.4	1,640.5	1,625.2	1,656.0	1,691.9	1,730.2	1,761.6	1,791.3
Supplements to wages and salaries.....	287.5	310.7	307.2	313.5	320.0	320.4	326.1	331.2
Corporate profits with inventory valuation and capital consumption adjustments.....	259.6	285.0	284.6	285.9	293.7	269.7	264.2	249.2
Profits before tax.....	227.6	263.2	264.6	269.3	272.3	271.5	252.4	228.9
Profits tax liability.....	124.7	137.9	138.4	141.2	143.2	144.4	134.9	122.4
Profits after tax.....	102.9	125.3	126.2	128.1	129.1	127.1	117.4	106.4
Dividends.....	82.8	84.2	78.1	95.9	87.2	102.0	96.8	98.8
Undistributed profits.....	20.1	41.1	48.2	32.3	41.9	25.0	20.6	7.7
Inventory valuation adjustment.....	-18.9	-25.0	-28.8	-30.4	-20.1	-38.3	-20.5	-6.0
Capital consumption adjustment.....	50.9	46.8	48.9	46.9	41.5	36.6	32.3	26.3
Net interest.....	89.3	118.6	115.4	122.4	128.4	134.5	141.4	146.5
Gross domestic product of financial corporate business	198.7	223.7	221.2	227.9	232.2	235.8	238.9	233.1
Gross domestic product of nonfinancial corporate business	2,520.7	2,731.3	2,705.9	2,754.9	2,816.4	2,842.7	2,887.2	2,935.5
Capital consumption allowances with capital consumption adjustment.....	281.7	297.1	295.1	298.1	303.6	308.4	312.2	322.1
Net domestic product.....	2,239.0	2,434.2	2,410.9	2,456.8	2,512.8	2,534.4	2,575.0	2,613.4
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	242.3	260.0	257.3	263.2	265.9	269.3	273.7	280.3
Domestic income.....	1,996.6	2,174.2	2,153.6	2,193.6	2,246.9	2,265.0	2,301.3	2,333.1
Compensation of employees.....	1,665.1	1,799.1	1,782.1	1,816.8	1,854.6	1,889.3	1,923.1	1,954.3
Wages and salaries.....	1,399.2	1,511.2	1,497.5	1,526.2	1,558.1	1,592.5	1,621.2	1,647.9
Supplements to wages and salaries.....	266.0	287.9	284.7	290.6	296.5	296.7	301.9	306.5
Corporate profits with inventory valuation and capital consumption adjustments.....	224.6	249.3	248.7	248.3	258.2	235.3	230.5	225.8
Profits before tax.....	197.2	233.4	234.9	237.7	242.2	242.2	223.8	210.5
Profits tax liability.....	93.1	105.4	106.6	107.4	109.4	110.6	100.6	94.3
Profits after tax.....	104.1	128.0	128.3	130.3	132.8	131.6	123.1	116.1
Dividends.....	81.4	83.0	77.4	92.6	86.4	98.3	93.7	95.8
Undistributed profits.....	22.7	45.0	50.9	37.7	46.5	33.3	29.4	20.4
Inventory valuation adjustment.....	-18.9	-25.0	-28.8	-30.4	-20.1	-38.3	-20.5	-6.0
Capital consumption adjustment.....	46.3	40.9	42.7	41.0	36.1	31.5	27.3	21.3
Net interest.....	106.9	125.8	122.7	128.5	134.0	140.4	147.6	152.9
Billions of 1982 dollars								
Gross domestic product of nonfinancial corporate business	2,282.6	2,419.5	2,408.9	2,434.1	2,453.2	2,459.1	2,471.3	2,496.6
Capital consumption allowances with capital consumption adjustment.....	269.7	279.3	278.0	280.6	283.2	285.9	288.8	296.7
Net domestic product.....	2,012.9	2,140.2	2,130.9	2,153.6	2,170.0	2,173.2	2,182.5	2,199.9
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	202.5	209.2	208.2	210.1	211.9	211.3	211.8	214.7
Domestic income.....	1,810.4	1,931.0	1,922.7	1,943.5	1,958.1	1,961.9	1,970.8	1,985.2

Table 1.17.—Auto Output

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Auto output	119.2	129.9	132.5	136.6	132.0	134.5	131.7	136.4
Final sales	111.6	128.8	132.3	125.3	130.1	123.9	135.4	144.2
Personal consumption expenditures.....	131.7	144.2	145.7	140.9	146.6	142.7	144.5	153.0
New autos.....	93.5	101.2	101.2	98.8	102.4	99.8	101.1	110.8
Net purchases of used autos.....	38.2	43.0	44.5	42.1	44.2	42.9	43.5	42.2
Producers' durable equipment.....	19.1	21.4	22.3	20.2	21.2	19.0	23.4	23.6
New autos.....	45.0	51.3	51.2	52.5	52.3	47.7	54.7	53.7
Net purchases of used autos.....	-25.9	-29.9	-28.9	-32.3	-31.1	-28.7	-31.3	-30.1
Net exports of goods and services.....	-40.7	-38.4	-37.1	-37.1	-39.3	-39.5	-34.4	-33.9
Exports.....	7.2	8.7	7.9	9.5	9.2	9.7	8.7	9.1
Imports.....	47.9	47.1	45.0	46.7	48.5	49.2	43.1	43.0
Government purchases of goods and services.....	1.5	1.6	1.5	1.4	1.5	1.7	1.9	1.5
Change in business inventories of new and used autos	7.6	1.1	.1	11.3	1.9	10.5	-3.7	-7.8
New.....	6.8	.5	2.3	7.7	1.5	11.1	-3.9	-7.7
Used.....	.8	.6	-2.1	3.7	.4	-.5	.2	-2.2
Addenda:								
Domestic output of new autos ¹	95.3	101.6	103.0	105.9	107.6	106.9	107.1	103.0
Sales of imported new autos ²	55.1	60.8	62.0	60.2	58.5	57.2	60.4	62.8

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

Table 1.18.—Auto Output in Constant Dollars

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ¹
Auto output	101.7	108.9	111.9	114.4	110.1	110.9	109.3	112.4
Final sales	95.6	108.6	111.9	105.0	109.5	103.2	111.5	119.8
Personal consumption expenditures.....	108.8	117.0	119.1	113.9	117.9	113.8	115.4	123.3
New autos.....	79.5	84.4	84.8	82.2	84.6	81.6	82.4	91.2
Net purchases of used autos.....	29.3	32.7	34.4	31.7	33.4	32.2	33.0	32.1
Producers' durable equipment.....	16.2	18.3	18.9	17.3	18.1	16.2	19.5	20.0
New autos.....	38.3	42.8	42.9	43.7	43.2	39.0	44.6	44.2
Net purchases of used autos.....	-22.1	-24.5	-24.0	-26.4	-25.1	-22.8	-25.0	-24.2
Net exports of goods and services.....	-30.8	-28.1	-27.4	-27.4	-27.9	-28.3	-25.1	-24.8
Exports.....	6.0	7.1	6.5	7.8	7.5	7.8	6.9	7.1
Imports.....	36.8	35.2	34.0	35.2	35.4	36.1	32.0	31.9
Government purchases of goods and services.....	1.3	1.4	1.3	1.2	1.4	1.4	1.6	1.3
Change in business inventories of new and used autos	6.1	.4	0	9.4	.6	7.7	-2.1	-7.4
New.....	5.4	-.1	1.8	6.4	.3	8.2	-2.2	-7.2
Used.....	.7	.5	-1.8	2.9	.3	-.5	.1	-2.2
Addenda:								
Domestic output of new autos ¹	81.1	84.5	86.2	88.1	88.6	86.9	87.1	83.7
Sales of imported new autos ²	46.8	50.7	52.0	50.1	48.3	46.7	49.2	51.7

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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^r
Truck output¹	59.7	66.3	65.2	63.8	71.2	70.3	68.1	62.9
Final sales.....	58.3	65.9	65.1	65.9	67.0	65.5	65.6	69.2
Personal consumption expenditures.....	27.7	29.2	28.9	29.1	29.8	30.3	29.8	34.0
Producers' durable equipment.....	32.6	36.7	35.8	36.6	38.9	35.7	36.5	36.2
Net exports of goods and services.....	-6.6	-5.6	-5.3	-5.3	-6.9	-6.3	-6.3	-6.3
Exports.....	3.7	3.8	3.7	3.9	3.7	3.9	3.1	3.5
Imports.....	10.3	9.5	9.0	9.2	10.5	10.2	9.4	9.8
Government purchases of goods and services.....	4.7	5.7	5.7	5.5	5.2	5.8	5.7	5.4
Change in business inventories.....	1.3	.4	.1	-2.1	4.2	4.8	2.6	-6.4

1. Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^r
Truck output¹	50.9	55.7	55.4	53.8	58.3	57.0	55.4	51.3
Final sales.....	49.8	55.3	55.3	55.3	54.9	53.3	53.5	56.3
Personal consumption expenditures.....	23.5	24.6	24.4	24.5	24.8	24.8	24.4	27.8
Producers' durable equipment.....	27.9	30.8	30.5	30.7	31.6	29.0	29.6	29.3
Net exports of goods and services.....	-5.7	-4.7	-4.5	-4.5	-5.7	-5.1	-5.1	-5.2
Exports.....	3.2	3.2	3.1	3.3	3.0	3.2	2.5	2.8
Imports.....	8.8	7.9	7.7	7.7	8.7	8.3	7.6	8.0
Government purchases of goods and services.....	4.0	4.7	4.9	4.6	4.2	4.7	4.6	4.4
Change in business inventories.....	1.1	.3	.2	-1.6	3.3	3.7	1.9	-5.0

1. Includes new trucks only.

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^r
Personal income	3,777.6	4,064.5	4,026.6	4,097.6	4,185.2	4,317.8	4,400.3	4,457.5
Wage and salary disbursements.....	2,249.4	2,429.0	2,405.4	2,452.2	2,505.1	2,560.7	2,608.8	2,654.7
Commodity-producing industries.....	649.9	696.3	690.8	701.6	714.7	726.6	733.7	742.8
Manufacturing.....	490.3	524.0	519.2	527.2	538.1	546.3	549.9	555.8
Distributive industries.....	531.9	571.9	568.0	578.0	587.5	598.8	610.8	619.5
Service industries.....	648.3	714.4	703.5	723.0	746.7	768.4	790.8	812.2
Government and government enterprises.....	419.2	446.5	443.1	449.6	456.3	466.9	473.5	480.2
Other labor income.....	212.8	228.9	225.9	231.1	236.5	241.3	246.0	250.7
Proprietors' income with inventory valuation and capital consumption adjustments.....	311.6	327.8	331.8	327.0	328.3	359.3	355.5	343.6
Farm.....	41.6	39.8	45.4	37.7	32.0	59.0	51.3	36.3
Nonfarm.....	270.0	288.0	286.5	289.3	296.3	300.3	304.2	307.3
Rental income of persons with capital consumption adjustment.....	13.4	15.7	14.6	16.3	16.1	11.8	9.8	5.2
Personal dividend income.....	92.0	102.2	100.4	103.6	106.4	109.4	111.4	113.2
Personal interest income.....	523.2	571.1	560.0	576.3	598.6	629.0	655.1	669.2
Transfer payments.....	548.2	584.7	581.8	587.4	593.8	616.4	626.8	636.4
Old-age, survivors, disability, and health insurance benefits.....	282.9	300.5	299.2	301.4	304.0	316.9	322.9	328.0
Government unemployment insurance benefits.....	14.5	13.0	13.1	12.9	12.5	13.5	14.1	14.4
Veterans benefits.....	16.6	17.0	16.9	17.0	17.0	17.6	17.5	17.3
Government employees retirement benefits.....	76.4	82.7	83.0	82.8	83.7	86.9	88.1	88.9
Other transfer payments.....	157.9	171.5	169.6	173.2	176.5	181.5	184.2	187.7
Aid to families with dependent children.....	16.7	17.2	17.1	17.3	17.5	17.6	17.7	17.9
Other.....	141.2	154.3	152.5	155.9	159.0	163.9	166.4	169.7
Less: Personal contributions for social insurance.....	172.9	194.9	193.4	196.4	199.6	210.0	213.0	215.4
Less: Personal tax and nontax payments.....	571.7	586.6	590.7	585.9	597.8	628.3	652.6	649.1
Equals: Disposable personal income	3,205.9	3,477.8	3,435.9	3,511.7	3,587.4	3,689.5	3,747.7	3,808.4
Less: Personal outlays.....	3,104.1	3,333.1	3,301.9	3,362.1	3,424.0	3,483.8	3,547.0	3,617.3
Personal consumption expenditures.....	3,010.8	3,235.1	3,204.9	3,263.4	3,324.0	3,381.4	3,444.1	3,513.2
Interest paid by consumers to business.....	91.4	96.1	95.6	96.7	98.1	100.1	101.5	101.9
Personal transfer payments to foreigners (net).....	1.9	1.9	1.5	1.9	1.9	2.2	1.4	2.2
Equals: Personal saving	101.8	144.7	134.0	149.6	163.4	205.7	200.7	191.1
Addenda:								
Disposable personal income:								
Total, billions of 1982 dollars.....	2,676.6	2,793.2	2,773.3	2,806.4	2,835.9	2,881.7	2,887.6	2,920.6
Per capita:								
Current dollars.....	13,140	14,116	13,966	14,235	14,504	14,884	15,084	15,286
1982 dollars.....	10,970	11,337	11,273	11,377	11,466	11,625	11,622	11,723
Population (mid-period, millions).....	244.0	246.4	246.0	246.7	247.3	247.9	248.5	249.1
Personal saving as percentage of disposable personal income.....	3.2	4.2	3.9	4.3	4.6	5.6	5.4	5.0

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

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

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^r
Personal consumption expenditures¹	3,010.8	3,235.1	3,204.9	3,263.4	3,324.0	3,381.4	3,444.1	3,513.2
Durable goods.....	421.0	455.2	454.6	452.5	467.4	466.4	471.0	488.5
Motor vehicles and parts.....	195.5	211.6	212.5	208.4	215.3	211.7	212.9	227.8
Furniture and household equipment.....	149.1	162.0	162.2	162.7	166.1	172.1	173.5	173.9
Other.....	76.5	81.6	79.9	81.4	86.0	82.6	84.6	86.7
Nondurable goods.....	998.1	1,052.3	1,042.4	1,066.2	1,078.4	1,098.3	1,121.5	1,133.7
Food.....	529.2	559.7	554.5	567.8	574.1	587.3	592.2	599.8
Clothing and shoes.....	177.2	186.8	183.6	188.9	193.9	195.0	198.9	202.6
Gasoline and oil.....	75.2	76.8	76.9	78.3	77.6	77.9	89.5	85.0
Other nondurable goods.....	216.6	229.0	227.5	231.2	232.8	238.1	241.0	246.3
Fuel oil and coal.....	17.6	19.5	19.4	19.6	19.7	18.7	19.6	19.9
Other.....	199.0	209.5	208.1	211.6	213.1	219.4	221.4	226.4
Services ¹	1,591.7	1,727.6	1,707.9	1,744.7	1,778.2	1,816.7	1,851.7	1,891.0
Housing.....	467.7	501.3	496.6	505.0	513.0	520.2	527.7	537.9
Household operation.....	185.9	197.6	194.9	200.2	202.4	201.1	202.3	201.8
Electricity and gas.....	88.5	93.7	92.1	94.5	95.8	95.6	94.6	93.2
Other.....	97.4	104.0	102.8	103.7	106.6	107.5	107.7	108.6
Transportation.....	106.5	117.9	117.4	119.8	121.5	124.4	125.6	126.8
Medical care.....	357.7	398.3	391.3	404.7	417.4	432.3	445.1	459.1
Other ¹	473.9	512.4	507.7	514.9	523.9	538.7	551.0	565.4

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

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^r
Personal consumption expenditures¹	2,513.7	2,598.4	2,586.8	2,608.1	2,627.7	2,641.0	2,653.7	2,694.1
Durable goods.....	389.6	413.6	414.8	410.7	420.5	419.3	424.9	438.3
Motor vehicles and parts.....	168.8	179.2	180.9	176.2	180.6	176.1	177.0	190.2
Furniture and household equipment.....	152.3	164.8	165.4	165.3	168.0	174.8	178.5	177.5
Other.....	68.5	69.6	68.5	69.2	71.8	68.4	69.4	70.7
Nondurable goods.....	890.4	904.5	899.2	910.3	912.0	915.0	909.7	922.5
Food.....	452.7	460.0	459.8	461.9	462.1	466.0	461.4	464.5
Clothing and shoes.....	159.6	161.3	157.1	164.1	164.6	165.0	165.8	173.6
Gasoline and oil.....	95.9	97.1	97.3	97.4	98.2	97.6	96.5	96.4
Other nondurable goods.....	182.1	186.1	185.0	187.0	187.2	186.5	186.0	188.0
Fuel oil and coal.....	23.0	25.4	24.7	25.3	26.6	24.0	24.4	24.8
Other.....	159.2	160.7	160.3	161.7	160.5	162.4	161.5	163.2
Services ¹	1,233.7	1,280.2	1,272.8	1,287.0	1,295.2	1,306.7	1,319.0	1,333.3
Housing.....	358.4	366.1	365.6	366.8	368.0	369.6	371.7	373.3
Household operation.....	156.7	164.1	162.4	166.3	165.7	163.4	164.4	164.3
Electricity and gas.....	78.8	82.8	81.8	84.0	83.3	80.7	81.4	80.8
Other.....	77.9	81.3	80.5	82.4	82.4	82.7	82.9	83.5
Transportation.....	89.6	94.5	93.9	95.2	96.2	96.3	97.1	98.8
Medical care.....	266.8	278.2	275.6	279.9	283.9	289.0	293.1	298.1
Other ¹	362.3	377.4	375.4	378.8	381.3	388.3	392.7	399.0

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

Table 3.2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^a
Receipts	911.4	972.4	973.2	977.3	994.6	1,036.2	1,053.2	1,043.1
Personal tax and nontax receipts.....	405.8	413.0	417.5	411.4	420.3	446.8	465.1	459.1
Income taxes.....	397.2	403.5	407.5	401.7	410.7	437.0	453.3	448.7
Estate and gift taxes.....	7.4	7.9	8.0	8.1	8.0	8.1	10.1	8.6
Nontaxes.....	1.3	1.6	1.9	1.5	1.6	1.7	1.8	1.8
Corporate profits tax accruals.....	101.0	111.4	111.6	114.0	115.8	117.0	109.7	99.7
Federal Reserve banks.....	17.7	17.4	16.7	17.5	18.6	19.5	20.3	19.6
Other.....	83.3	94.1	94.9	96.5	97.3	97.5	89.4	80.1
Indirect business tax and nontax accruals.....	53.8	56.7	55.9	57.4	57.8	58.0	58.2	59.4
Excise taxes.....	31.6	34.2	34.0	34.6	35.1	35.1	35.1	35.2
Customs duties.....	15.4	16.4	16.0	16.4	16.9	17.1	17.2	17.7
Nontaxes.....	6.7	6.1	6.0	6.3	5.8	5.9	5.9	6.6
Contributions for social insurance.....	350.8	391.3	388.2	394.5	400.6	414.3	420.2	424.8
Expenditures	1,072.8	1,118.3	1,114.7	1,099.8	1,162.1	1,183.7	1,198.6	1,190.5
Purchases of goods and services.....	381.6	381.3	377.1	367.5	406.4	399.0	406.0	403.3
National defense.....	294.8	298.0	298.0	296.1	300.5	298.7	301.3	308.2
Nondefense.....	86.8	83.3	79.1	71.4	105.9	100.4	104.7	95.1
Transfer payments.....	414.3	438.2	434.4	438.0	447.6	460.4	466.9	473.6
To persons.....	401.9	425.4	424.2	426.3	429.4	448.9	455.7	461.6
To foreigners.....	12.4	12.9	10.2	11.7	18.2	11.5	11.1	12.0
Grants-in-aid to State and local governments.....	102.6	111.4	112.2	111.0	112.2	118.7	118.4	118.3
Net interest paid.....	141.7	151.4	149.9	153.9	157.0	167.0	172.0	173.3
Interest paid.....	162.3	173.8	171.1	174.4	178.3	187.4	191.9	193.1
To persons and business.....	138.2	144.8	142.7	144.2	147.2	154.9	157.6	159.1
To foreigners.....	24.1	29.1	28.4	30.2	31.1	32.5	34.4	34.0
Less: Interest received by government.....	20.6	22.4	21.2	20.5	21.2	20.4	20.0	19.8
Subsidies less current surplus of government enterprises.....	32.6	36.0	41.2	29.4	38.9	38.5	35.3	22.0
Subsidies.....	30.8	28.9	32.2	17.6	35.9	34.2	28.5	18.3
Less: Current surplus of government enterprises.....	-1.8	-7.1	-9.0	-11.8	-3.0	-4.3	-6.8	-3.7
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	-161.4	-145.8	-141.5	-122.5	-167.6	-147.5	-145.4	-147.4
Social insurance funds.....	26.4	54.8	51.6	58.2	63.6	62.7	63.7	64.3
Other.....	-187.8	-200.6	-193.2	-180.7	-231.2	-210.1	-209.1	-211.7

Table 3.3.—State and Local Government Receipts and Expenditures

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^a
Receipts	656.1	701.6	699.2	706.0	716.5	732.6	742.6	750.4
Personal tax and nontax receipts.....	165.8	173.7	173.3	174.5	177.5	181.5	187.5	190.1
Income taxes.....	86.3	88.5	88.8	88.6	90.3	92.9	97.6	98.7
Nontaxes.....	65.8	70.3	69.8	70.9	72.0	73.2	74.3	75.5
Other.....	13.8	14.8	14.7	15.0	15.1	15.3	15.6	15.8
Corporate profits tax accruals.....	23.7	26.5	26.7	27.2	27.4	27.4	25.2	22.7
Indirect business tax and nontax accruals.....	314.0	336.8	334.1	339.7	344.9	349.7	355.3	362.2
Sales taxes.....	149.2	160.5	159.1	161.7	164.8	166.8	169.4	173.3
Property taxes.....	121.3	131.0	129.9	132.3	134.5	136.8	139.1	141.4
Other.....	43.5	45.2	45.1	45.7	45.7	46.1	46.7	47.5
Contributions for social insurance.....	50.0	53.3	52.9	53.7	54.6	55.4	56.2	57.1
Federal grants-in-aid.....	102.6	111.4	112.2	111.0	112.2	118.7	118.4	118.3
Expenditures	604.8	651.9	646.7	656.2	670.8	683.8	695.1	706.0
Purchases of goods and services.....	544.5	587.6	583.0	591.0	604.9	617.0	627.2	636.8
Compensation of employees.....	322.1	346.5	343.5	349.4	355.5	361.8	367.9	373.9
Other.....	222.4	241.2	239.6	241.6	249.5	255.1	259.3	262.9
Transfer payments to persons.....	119.6	130.3	129.0	131.7	134.3	136.7	139.6	142.6
Net interest paid.....	-37.5	-40.3	-40.0	-40.4	-41.1	-41.7	-42.3	-43.0
Interest paid.....	53.8	59.9	59.2	60.7	62.2	63.7	65.1	66.6
Less: Interest received by government.....	91.3	100.2	99.1	101.1	103.3	105.4	107.5	109.6
Less: Dividends received by government.....	6.7	8.3	8.2	8.5	8.8	9.1	9.5	10.1
Subsidies less current surplus of government enterprises.....	-15.1	-17.5	-17.1	-17.6	-18.5	-19.0	-19.8	-20.4
Subsidies.....	.7	.7	.7	.8	.8	.8	.8	.8
Less: Current surplus of government enterprises.....	15.8	18.3	17.9	18.3	19.3	19.8	20.6	21.1
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	51.3	49.7	52.4	49.8	45.7	48.8	47.5	44.3
Social insurance funds.....	63.7	71.1	70.4	72.1	73.8	75.4	77.1	79.1
Other.....	-12.4	-21.4	-17.9	-22.3	-28.1	-26.6	-29.6	-34.8

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

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^a
Government purchases of goods and services	926.1	968.9	960.1	958.6	1,011.4	1,016.0	1,033.2	1,040.2
Federal	381.6	381.3	377.1	367.5	406.4	399.0	406.0	403.3
National defense.....	294.8	298.0	298.0	296.1	300.5	298.7	301.3	308.2
Durable goods.....	89.8	83.9	83.7	83.7	85.1	82.7	82.8	85.2
Nondurable goods.....	10.5	10.9	11.4	10.5	11.1	10.8	11.7	11.0
Services.....	187.3	196.1	195.5	194.7	197.4	198.8	200.5	205.3
Compensation of employees.....	108.9	113.2	112.9	113.0	113.7	119.1	119.4	120.0
Military.....	73.3	76.0	75.8	76.2	76.2	79.1	79.0	79.3
Civilian.....	35.6	37.2	37.1	36.9	37.6	40.0	40.4	40.7
Other services.....	78.3	82.9	82.6	81.7	83.6	79.8	81.2	85.3
Structures.....	7.2	7.0	7.4	7.2	7.0	6.3	6.3	6.7
Nondefense.....	86.8	83.3	79.1	71.4	105.9	100.4	104.7	95.1
Durable goods.....	4.2	4.6	4.9	4.4	4.9	5.2	5.3	5.0
Nondurable goods.....	3.2	-8.2	-12.9	-19.8	11.0	3.8	5.9	-2.9
Commodity Credit Corporation inventory change.....	-3.3	-15.6	-21.5	-25.9	4.1	-3.8	-1.0	-9.8
Other nondurables.....	6.6	7.4	8.5	6.1	6.9	7.6	6.9	6.8
Services.....	70.9	80.0	80.4	79.7	83.6	84.9	86.6	86.0
Compensation of employees.....	42.0	46.1	45.8	46.8	47.1	49.2	49.7	50.1
Other services.....	29.0	33.9	34.7	32.9	36.5	35.7	37.0	36.0
Structures.....	8.5	6.8	6.7	7.1	6.5	6.5	6.9	7.0
State and local	544.5	587.6	583.0	591.0	604.9	617.0	627.2	636.8
Durable goods.....	26.5	29.4	29.0	29.8	30.6	31.5	32.3	33.1
Nondurable goods.....	43.6	46.9	46.6	47.5	48.3	50.6	52.4	52.7
Services.....	409.8	442.1	438.2	446.0	453.9	463.2	471.3	479.3
Compensation of employees.....	322.1	346.5	343.5	349.4	355.5	361.8	367.9	373.9
Other services.....	87.8	95.6	94.7	96.6	98.4	101.4	103.5	105.4
Structures.....	64.6	69.3	69.2	67.7	72.2	71.6	71.1	71.6

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ^a
Government purchases of goods and services	781.8	785.1	783.0	775.9	806.4	799.7	810.3	806.0
Federal	339.6	328.9	327.9	319.8	343.9	335.5	343.6	336.6
National defense.....	265.2	261.5	262.5	258.8	261.6	254.4	255.8	260.4
Durable goods.....	88.8	84.6	85.0	84.3	85.0	82.1	82.8	84.9
Nondurable goods.....	14.5	14.3	14.7	13.4	14.7	13.9	14.5	14.0
Services.....	155.9	156.9	156.8	155.4	156.4	153.5	153.7	156.5
Compensation of employees.....	89.5	89.1	88.8	88.7	89.1	89.5	89.4	89.7
Military.....	60.5	60.0	59.8	59.9	59.8	59.7	59.5	59.6
Civilian.....	29.0	29.1	28.9	28.7	29.3	29.8	29.9	30.1
Other services.....	66.4	67.8	68.0	66.8	67.3	64.0	64.3	66.7
Structures.....	6.0	5.7	6.0	5.8	5.4	4.8	4.7	5.0
Nondefense.....	74.4	67.4	65.4	61.0	82.3	81.1	87.8	76.1
Durable goods.....	5.0	5.4	5.6	5.2	5.6	5.7	5.8	5.5
Nondurable goods.....	2.6	-8.7	-11.3	-14.7	3.9	3.6	9.1	-1.5
Commodity Credit Corporation inventory change.....	-3.9	-15.6	-19.6	-20.1	-2.2	-3.3	3.1	-7.5
Other nondurables.....	6.5	6.9	8.3	5.4	6.0	6.9	6.0	6.0
Services.....	59.3	64.8	65.3	64.4	67.4	66.3	67.2	66.3
Compensation of employees.....	34.2	36.1	35.9	36.7	36.9	36.9	37.0	37.3
Other services.....	25.1	28.7	29.4	27.7	30.5	29.4	30.2	29.1
Structures.....	7.5	5.9	5.8	6.1	5.5	5.5	5.7	5.8
State and local	442.1	456.2	455.1	456.1	462.5	464.2	466.7	

Table 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
National defense purchases	294.8	298.0	298.0	296.1	300.5	298.7	301.3	308.2
Durable goods	89.8	83.9	83.7	83.7	85.1	82.7	82.8	85.2
Military equipment	77.5	72.9	72.5	73.0	74.3	72.9	72.2	75.3
Aircraft	33.9	29.3	29.1	27.9	30.5	27.7	26.0	26.1
Missiles	12.7	12.4	12.5	12.7	13.3	12.9	14.3	14.6
Ships	8.5	8.4	8.0	8.1	9.3	10.2	9.0	10.4
Vehicles	4.8	4.2	4.2	4.3	3.7	3.7	3.4	3.8
Electronic equipment	5.8	6.0	6.0	5.8	6.5	5.9	6.3	7.1
Other	11.7	12.5	12.6	14.2	10.9	12.5	13.1	13.3
Other durable goods	12.3	11.0	11.2	10.7	10.7	9.8	10.6	10.0
Nondurable goods	10.5	10.9	11.4	10.5	11.1	10.8	11.7	11.0
Petroleum products	4.2	4.4	4.4	4.3	4.7	4.6	4.6	4.4
Ammunition	3.8	3.9	4.6	3.5	3.8	3.6	4.2	3.9
Other nondurable goods	2.5	2.6	2.5	2.7	2.6	2.7	2.9	2.7
Services	187.3	196.1	195.5	194.7	197.4	198.8	200.5	205.3
Compensation of employees	108.9	113.2	112.9	113.0	113.7	119.1	119.4	120.0
Military	73.3	76.0	75.8	76.2	76.2	79.1	79.0	79.3
Civilian	35.6	37.2	37.1	36.9	37.6	40.0	40.4	40.7
Other services	78.3	82.9	82.6	81.7	83.6	79.8	81.2	85.3
Contractual research and development	28.5	30.7	30.2	30.3	31.4	29.8	30.2	31.2
Installation support ¹	22.2	23.8	23.9	23.4	23.6	22.3	22.8	25.1
Weapons support ²	8.8	8.9	9.0	8.5	9.1	8.9	9.0	9.0
Personnel support ³	11.3	11.8	11.9	11.9	11.7	11.4	11.6	12.8
Transportation of materiel	3.8	3.7	3.6	3.9	3.8	3.6	3.8	4.0
Travel of persons	3.8	4.0	3.9	3.9	3.7	3.9	3.9	3.9
Other	0	0	.1	-.3	.1	0	-.2	-.7
Structures	7.2	7.0	7.4	7.2	7.0	6.3	6.3	6.7
Military facilities	4.9	4.7	5.0	4.9	4.6	4.0	3.9	4.5
Other	2.4	2.4	2.4	2.3	2.4	2.2	2.4	2.2

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

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
National defense purchases	265.2	261.5	262.5	258.8	261.6	254.4	255.8	260.4
Durable goods	88.8	84.6	85.0	84.3	85.0	82.1	82.8	84.9
Military equipment	73.3	70.8	71.0	70.9	71.8	69.7	69.4	72.1
Aircraft	31.6	29.0	28.4	27.9	30.4	26.6	25.9	26.4
Missiles	12.8	13.5	14.2	13.6	14.1	14.4	15.5	15.4
Ships	7.4	7.1	6.7	6.7	7.8	8.4	7.3	8.4
Vehicles	5.1	4.5	4.6	4.6	3.9	4.0	3.6	4.1
Electronic equipment	5.5	5.6	5.7	5.4	6.0	5.4	5.7	6.4
Other	10.9	11.2	11.4	12.7	9.7	10.9	11.4	11.5
Other durable goods	15.5	13.8	14.1	13.4	13.2	12.4	13.4	12.9
Nondurable goods	14.5	14.3	14.7	13.4	14.7	13.9	14.5	14.0
Petroleum products	8.3	7.9	7.8	7.3	8.6	7.8	7.8	7.7
Ammunition	3.9	4.1	4.8	3.7	4.0	3.8	4.3	4.1
Other nondurable goods	2.3	2.2	2.1	2.3	2.2	2.3	2.4	2.2
Services	155.9	156.9	156.8	155.4	156.4	153.5	153.7	156.5
Compensation of employees	89.5	89.1	88.8	88.7	89.1	89.5	89.4	89.7
Military	60.5	60.0	59.8	59.9	59.8	59.7	59.5	59.6
Civilian	29.0	29.1	28.9	28.7	29.3	29.8	29.9	30.1
Other services	66.4	67.8	68.0	66.8	67.3	64.0	64.3	66.7
Contractual research and development	24.8	25.5	25.2	25.1	25.7	24.4	24.1	24.9
Installation support ¹	17.5	18.2	18.4	17.8	17.8	16.8	16.9	18.1
Weapons support ²	7.7	7.6	7.7	7.3	7.6	7.4	7.5	7.3
Personnel support ³	8.7	8.9	9.0	8.9	8.6	8.3	8.4	9.2
Transportation of materiel	4.1	3.9	3.8	4.2	3.9	3.6	3.9	4.1
Travel of persons	3.7	3.8	3.7	3.7	3.7	3.4	3.6	3.6
Other	0	0	.1	-.2	.1	0	-.1	-.5
Structures	6.0	5.7	6.0	5.8	5.4	4.8	4.7	5.0
Military facilities	4.0	3.7	4.1	3.9	3.5	3.0	2.9	3.3
Other	2.0	1.9	1.9	1.9	1.9	1.7	1.8	1.7

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.
2. Includes depot maintenance and contractual services for weapons systems.
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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
Receipts from foreigners ¹	448.6	547.7	532.5	556.8	579.7	605.6	626.1	623.3
Exports of goods and services ¹	448.6	547.7	532.5	556.8	579.7	605.6	626.1	623.3
Merchandise ²	255.1	322.0	314.4	327.5	341.0	358.7	372.1	373.2
Durable goods ²	161.8	206.8	201.4	208.5	221.3	231.4	239.1	247.6
Nondurable goods	93.3	115.2	113.0	119.0	119.7	127.2	133.0	125.6
Services ¹	193.5	225.7	218.1	229.3	238.6	246.9	254.0	250.1
Factor income ^{3,4}	96.6	116.7	111.3	118.1	125.5	131.9	136.2	129.5
Other ⁵	97.0	108.9	106.9	111.2	113.2	115.1	117.8	120.6
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners ⁶	448.6	547.7	532.5	556.8	579.7	605.6	626.1	623.3
Imports of goods and services ⁶	561.2	621.3	607.5	623.0	650.5	659.6	676.6	676.8
Merchandise ²	412.4	449.0	439.5	448.8	468.8	469.8	480.0	481.7
Durable goods ²	264.2	294.5	286.9	294.0	312.6	309.6	308.0	308.5
Nondurable goods	148.3	154.5	152.6	154.8	156.3	160.3	172.0	173.2
Services ⁶	148.8	172.3	168.0	174.2	181.6	189.8	196.6	195.1
Factor income ³	66.1	83.4	81.3	85.9	91.0	97.3	105.2	103.4
Other ⁷	82.7	88.9	86.7	88.3	90.6	92.5	91.4	91.6
Transfer payments (net)	14.3	14.7	11.7	13.6	20.2	13.8	12.5	14.1
From persons (net)	1.9	1.9	1.5	1.9	1.9	2.2	1.4	2.2
From government (net)	12.4	12.9	10.2	11.7	18.2	11.5	11.1	12.0
Interest paid by government to foreigners	24.1	29.1	28.4	30.2	31.1	32.5	34.4	34.0
Net foreign investment	-150.9	-117.5	-115.0	-109.9	-122.0	-100.3	-97.5	-101.6

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

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
Exports of goods and services ¹	450.9	530.1	519.7	531.9	551.4	569.7	587.5	589.8
Merchandise ²	285.7	344.3	339.0	344.1	358.6	372.5	386.9	393.5
Durable goods ²	185.8	234.0	228.2	234.2	248.0	254.0	262.8	274.0
Nondurable goods	99.8	110.4	110.8	109.9	110.5	118.5	124.1	119.5
Services ¹	165.2	185.8	180.6	187.8	192.8	197.2	200.6	196.3
Factor income ^{3,4}	81.1	94.7	90.8	95.3	100.0	104.0	106.1	100.0
Other ⁵	84.1	91.1	89.8	92.5	92.8	93.2	94.5	96.3
Imports of goods and services ⁶	566.6	605.0	592.3	606.9	625.2	624.6	638.7	653.4
Merchandise ²	440.5	467.1	456.5	468.3	483.4	477.4	487.5	504.9
Durable goods ²	261.8	280.8	274.5	281.8	291.3	290.7	296.1	302.6
Nondurable goods	178.7	186.3	182.1	186.6	192.1	186.7	191.4	202.3
Services ⁶	126.1	137.9	135.8	138.5	141.9	147.2	151.1	148.6
Factor income ³	54.5	66.6	65.2	68.2	71.4	75.7	80.9	78.8
Other ⁷	71.5	71.3	70.5	70.3	70.4	71.6	70.2	69.8

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

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

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ²
Merchandise exports¹	255.1	322.0	314.4	327.5	341.0	358.7	372.1	373.2
Foods, feeds, and beverages.....	24.8	32.9	32.2	34.8	34.6	38.6	37.9	32.7
Industrial supplies and materials.....	66.3	83.0	81.7	85.2	86.4	92.6	99.0	97.3
Durable goods.....	20.3	27.9	27.8	28.6	30.2	32.5	34.0	34.5
Nondurable goods.....	46.0	55.1	53.9	56.6	56.3	60.1	65.0	62.8
Capital goods, except autos.....	87.7	112.4	109.3	112.9	119.7	123.4	129.3	139.5
Autos.....	27.5	32.5	31.1	31.9	34.3	35.5	34.4	33.4
Consumer goods.....	18.3	24.2	23.2	24.9	26.6	29.9	32.2	32.3
Durable goods.....	7.7	11.0	10.3	11.5	12.2	15.1	16.5	16.0
Nondurable goods.....	10.6	13.2	12.8	13.4	14.4	14.8	15.7	16.3
Other ¹	30.5	37.0	36.9	37.8	39.5	38.7	39.3	37.9
Durable goods ^{1 2}	18.5	23.1	22.9	23.6	24.9	25.0	24.9	24.1
Nondurable goods ²	12.0	14.0	14.0	14.2	14.5	13.7	14.4	13.8
Merchandise imports¹	412.4	449.0	439.5	448.8	468.8	469.8	480.0	481.7
Foods, feeds, and beverages.....	24.8	24.9	23.8	24.8	25.1	25.1	25.1	24.9
Industrial supplies and materials, excluding petroleum.....	65.9	76.4	74.2	76.3	80.6	80.2	78.1	76.9
Durable goods.....	35.0	40.9	39.3	40.1	44.1	43.5	42.5	41.6
Nondurable goods.....	30.8	35.6	35.0	36.2	36.5	36.6	35.6	35.3
Petroleum and products.....	42.9	39.3	41.0	39.1	36.9	43.4	53.8	53.2
Capital goods, except autos.....	85.1	101.8	101.0	102.7	107.1	108.7	113.9	113.6
Autos.....	85.2	87.9	85.3	87.0	93.0	91.3	84.8	84.6
Consumer goods.....	88.8	96.4	93.0	96.5	101.8	98.4	101.2	104.9
Durable goods.....	49.0	52.8	50.7	53.0	56.1	54.7	55.2	56.9
Nondurable goods.....	39.8	43.6	42.3	43.5	45.6	43.7	46.0	48.0
Other ¹	19.7	22.3	21.2	22.5	24.4	22.7	23.1	23.6
Durable goods ^{1 2}	9.8	11.2	10.6	11.2	12.2	11.4	11.5	11.8
Nondurable goods ²	9.8	11.2	10.6	11.2	12.2	11.4	11.5	11.8
Addenda:								
Exports of agricultural products ³	29.5	38.1	37.6	39.7	39.2	43.1	43.4	39.0
Exports of nonagricultural products.....	225.5	283.8	276.8	287.8	301.9	315.6	328.7	334.2
Imports of nonpetroleum products.....	369.5	409.7	398.5	409.7	432.0	426.4	426.3	428.5

1. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to services other than factor income.
 2. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods prior to 1986, or to distribute imports of "other" merchandise for all time periods, estimates were distributed equally.
 3. 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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ²
Merchandise exports¹	285.7	344.3	339.0	344.1	358.6	372.5	386.9	393.5
Foods, feeds, and beverages.....	30.1	33.1	34.3	32.0	31.9	36.1	36.2	32.6
Industrial supplies and materials.....	69.4	79.7	79.0	80.5	81.8	88.7	94.1	93.9
Durable goods.....	21.3	26.8	26.8	27.0	28.5	31.2	32.3	33.0
Nondurable goods.....	48.2	52.9	52.2	53.5	53.2	57.5	61.8	60.9
Capital goods, except autos.....	112.6	144.3	140.2	144.6	152.4	152.7	160.4	171.9
Autos.....	24.3	28.1	27.2	27.3	29.2	29.9	29.0	27.8
Consumer goods.....	17.1	21.7	20.9	22.3	23.6	26.0	28.0	28.0
Durable goods.....	7.6	10.3	9.8	10.7	11.3	13.7	14.9	14.6
Nondurable goods.....	9.5	11.4	11.1	11.6	12.3	12.3	13.1	13.4
Other ¹	32.0	37.5	37.4	37.4	39.7	39.0	39.2	39.2
Durable goods ^{1 2}	20.0	24.5	24.2	24.5	26.6	26.5	26.2	26.7
Nondurable goods ²	12.0	13.0	13.2	12.9	13.1	12.5	13.1	12.6
Merchandise imports¹	440.5	467.1	456.5	468.3	483.4	477.4	487.5	504.9
Foods, feeds, and beverages.....	23.9	22.7	21.7	22.5	22.7	22.9	23.1	24.5
Industrial supplies and materials, excluding petroleum.....	73.5	73.7	71.9	72.7	75.1	72.7	71.2	71.6
Durable goods.....	39.3	39.5	38.2	38.3	41.1	39.4	38.8	39.2
Nondurable goods.....	34.3	34.2	33.7	34.4	34.0	33.3	32.4	32.4
Petroleum and products.....	78.2	86.2	84.9	86.4	90.3	87.9	91.6	99.4
Capital goods, except autos.....	102.1	121.2	120.4	123.6	124.8	129.5	138.8	143.7
Autos.....	67.8	66.4	64.8	65.7	68.8	67.4	63.2	62.8
Consumer goods.....	77.2	78.2	75.1	78.6	81.7	78.5	80.7	83.3
Durable goods.....	43.8	44.3	42.2	44.7	46.6	45.2	45.9	47.1
Nondurable goods.....	33.3	33.9	32.9	33.8	35.1	33.3	34.8	36.2
Other ¹	17.8	18.7	17.8	18.9	20.0	18.6	19.0	19.5
Durable goods ^{1 2}	8.9	9.4	8.9	9.4	10.0	9.3	9.5	9.8
Nondurable goods ²	8.9	9.4	8.9	9.4	10.0	9.3	9.5	9.8
Addenda:								
Exports of agricultural products ³	34.9	37.6	38.8	36.2	36.2	40.1	40.7	37.5
Exports of nonagricultural products.....	250.7	306.7	300.2	307.9	322.3	332.4	346.2	356.0
Imports of nonpetroleum products.....	362.3	380.9	371.7	381.9	393.1	389.5	395.9	405.5

1. Estimates beginning with the first quarter of 1986 exclude repairs and alterations of equipment, which was reclassified to services other than factor income.
 2. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods prior to 1986, or to distribute imports of "other" merchandise for all time periods, estimates were distributed equally.
 3. 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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III ²
Gross saving	553.8	642.4	633.4	669.8	647.4	693.5	695.8	700.3
Gross private saving	663.8	738.6	722.5	742.4	769.3	792.1	793.7	803.3
Personal saving.....	101.8	144.7	134.0	149.6	163.4	205.7	200.7	191.1
Undistributed corporate profits with inventory valuation and capital consumption adjustments.....	75.3	80.3	78.3	77.6	81.7	53.4	52.0	46.6
Undistributed profits.....	43.3	58.5	58.3	61.1	60.4	55.1	40.2	26.3
Inventory valuation adjustment.....	-18.9	-25.0	-28.8	-30.4	-20.1	-38.3	-20.5	-6.0
Capital consumption adjustment.....	50.9	46.8	48.9	46.9	41.5	36.6	32.3	26.3
Corporate capital consumption allowances with capital consumption adjustment.....	303.1	321.7	319.0	323.1	329.7	335.2	339.7	350.2
Noncorporate capital consumption allowances with capital consumption adjustment.....	183.6	191.9	191.2	192.1	194.4	197.8	201.3	215.4
Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Government surplus or deficit (-), national income and product accounts	-110.1	-96.1	-89.1	-72.7	-121.9	-98.7	-97.9	-103.0
Federal.....	-161.4	-145.8	-141.5	-122.5	-167.6	-147.5	-145.4	-147.4
State and local.....	51.3	49.7	52.4	49.8	45.7	48.8	47.5	44.3
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Gross investment	549.0	632.8	633.4	661.2	630.8	669.3	677.5	677.4
Gross private domestic investment.....	699.9	750.3	748.4	771.1	752.8	769.6	775.0	779.0
Net foreign investment.....	-150.9	-117.5	-115.0	-109.9	-122.0	-100.3	-97.5	-101.6
Statistical discrepancy	-4.7	-9.6	-1	-8.6	-16.6	-24.1	-18.3	-22.9

Table 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
Change in business inventories	29.3	30.6	29.3	44.6	18.7	27.7	27.4	26.9
Farm.....	-1.3	-3.6	-1.1	3.1	-22.2	8.6	3.8	7.9
Nonfarm.....	30.5	34.2	30.4	41.5	40.8	19.1	23.6	19.0
Change in book value.....	56.2	70.6	72.3	84.4	71.2	76.8	54.5	26.0
Inventory valuation adjustment ¹	-25.7	-36.4	-41.9	-42.8	-30.4	-57.8	-30.9	-7.0
Manufacturing.....	4.4	9.1	4.5	6.6	14.9	4.5	9.8	16.1
Durable goods.....	3.3	8.7	5.0	7.5	14.6	10.2	5.3	10.5
Nondurable goods.....	1.2	.4	-.5	-.9	.3	-.7	4.5	5.6
Wholesale trade.....	5.7	8.9	4.2	9.7	4.5	-4.6	6.1	3.3
Durable goods.....	3.8	7.3	-4.3	16.1	2.2	1.2	6.9	4.2
Nondurable goods.....	1.9	1.6	8.5	-6.3	2.3	-5.9	-.9	-.8
Merchant wholesalers.....	5.7	7.7	4.9	7.4	2.4	-4.1	6.4	.7
Durable goods.....	3.5	6.0	-4.1	14.1	-.2	1.7	7.7	1.9
Nondurable goods.....	2.2	1.7	9.1	-6.7	2.6	-5.8	-1.3	-1.2
Nonmerchant wholesalers.....	0	1.2	-.8	2.3	2.1	-.5	-.4	2.7
Durable goods.....	.3	1.3	-.2	1.9	2.4	-.4	-.8	2.2
Nondurable goods.....	-.3	-.1	-.6	.4	-.3	-.1	.4	.4
Retail trade.....	16.8	8.3	13.9	15.1	13.6	9.9	3.1	-5.4
Durable goods.....	13.2	6.1	13.4	14.2	11.4	7.3	-5.4	-11.7
Automotive.....	9.2	3.1	11.5	10.0	7.7	10.6	-3.6	-15.0
Other.....	4.0	3.1	1.8	4.2	3.7	-3.3	-1.8	3.3
Nondurable goods.....	3.7	2.1	.6	.9	2.1	2.6	8.4	6.3
Other.....	3.6	7.9	7.7	10.1	7.9	9.3	4.6	5.0
Durable goods.....	1.8	2.9	2.9	3.6	3.8	3.3	-.9	.8
Nondurable goods.....	1.8	5.0	4.9	6.4	4.1	6.0	5.5	4.2

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					
	1988			1989		
	II	III	IV	I	II	III*
Inventories¹	962.0	985.3	1,004.0	1,026.6	1,033.9	1,041.6
Farm.....	75.0	77.6	75.7	78.2	77.4	77.7
Nonfarm.....	887.0	907.7	928.3	948.4	956.5	963.9
Durable goods.....	520.3	535.5	549.5	561.8	564.3	568.1
Nondurable goods.....	366.7	372.2	378.7	386.6	392.2	395.7
Manufacturing.....	354.9	360.8	368.6	376.5	378.2	383.0
Durable goods.....	236.1	240.5	246.9	253.2	254.0	257.8
Nondurable goods.....	118.7	120.4	121.7	123.4	124.1	125.2
Wholesale trade.....	210.1	215.7	218.6	221.6	223.8	225.4
Durable goods.....	133.3	138.6	140.7	142.9	145.2	147.1
Nondurable goods.....	76.8	77.1	77.9	78.7	78.6	78.2
Merchant wholesalers.....	184.0	188.9	191.0	193.1	195.4	196.3
Durable goods.....	117.7	122.4	123.7	125.8	128.3	129.5
Nondurable goods.....	66.3	66.5	67.3	67.4	67.1	66.7
Nonmerchant wholesalers.....	26.0	26.8	27.6	28.5	28.4	29.1
Durable goods.....	15.6	16.2	17.0	17.1	16.9	17.6
Nondurable goods.....	10.5	10.6	10.6	11.3	11.5	11.5
Retail trade.....	212.5	218.2	223.7	229.0	231.3	230.9
Durable goods.....	108.1	112.3	116.2	119.0	118.3	115.9
Automotive.....	54.0	56.9	59.4	62.3	61.5	58.0
Other.....	54.0	55.4	56.8	56.7	56.8	57.9
Nondurable goods.....	104.5	105.9	107.4	110.0	113.0	114.9
Other.....	109.5	113.0	117.4	121.2	123.3	124.7
Final sales²	341.0	345.8	354.4	360.0	366.6	372.3
Final sales of goods and structures²	194.7	196.8	202.4	205.4	208.9	211.3
Ratio of inventories to final sales						
Inventories to final sales.....	2.82	2.85	2.83	2.85	2.82	2.80
Nonfarm inventories to final sales.....	2.60	2.62	2.62	2.63	2.61	2.59
Nonfarm inventories to final sales of goods and structures.....	4.55	4.61	4.59	4.62	4.58	4.56

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

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

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III*
Change in business inventories	23.7	27.9	21.5	37.5	18.3	24.5	19.1	21.2
Farm.....	-2.1	-2.8	-4.0	.3	-13.6	7.6	-.5	6.0
Nonfarm.....	25.8	30.7	25.4	37.2	31.9	16.9	19.5	15.3
Manufacturing.....	3.3	8.5	4.2	5.8	12.2	3.8	8.3	13.2
Durable goods.....	2.7	8.2	5.0	7.4	13.2	8.3	4.1	8.8
Nondurable goods.....	.7	.3	-.8	-1.6	-1.0	-4.5	4.2	4.3
Wholesale trade.....	4.4	8.5	2.8	9.8	1.9	-2.4	4.5	2.0
Durable goods.....	3.4	6.6	-3.9	14.3	1.9	1.0	6.2	3.4
Nondurable goods.....	1.0	1.9	6.7	-4.5	0	-3.4	-1.7	-1.4
Merchant wholesalers.....	4.7	7.5	4.1	7.4	.4	-2.1	5.2	-.3
Durable goods.....	3.2	5.4	-3.7	12.5	-.3	1.5	7.0	1.4
Nondurable goods.....	1.5	2.1	7.8	-5.2	.7	-3.5	-1.7	-1.7
Nonmerchant wholesalers.....	-.3	1.0	-1.3	2.5	1.5	-.4	-.8	2.3
Durable goods.....	.3	1.2	-.2	1.8	2.2	-.5	-.8	2.0
Nondurable goods.....	-.5	-.3	-1.1	.7	-.7	.1	0	.3
Retail trade.....	15.1	7.3	12.2	13.3	11.6	8.4	2.6	-4.5
Durable goods.....	11.8	5.4	11.7	12.5	9.8	6.1	-4.6	-9.8
Automotive.....	8.1	2.6	10.0	8.6	6.6	9.0	-3.0	-12.7
Other.....	3.7	2.8	1.7	3.9	3.2	-2.9	-1.5	2.9
Nondurable goods.....	3.3	1.9	.5	.8	1.9	2.3	7.2	5.3
Other.....	2.9	6.5	6.2	8.3	6.2	7.1	4.1	4.6
Durable goods.....	1.7	2.5	2.5	3.1	3.2	2.7	-.8	.7
Nondurable goods.....	1.2	4.0	3.7	5.2	3.0	4.4	4.9	3.9

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

[Billions of 1982 dollars]

	Seasonally adjusted quarterly totals					
	1988			1989		
	II	III	IV	I	II	III*
Inventories¹	876.5	885.9	890.5	896.6	901.4	906.7
Farm.....	71.1	71.2	67.8	69.7	69.6	71.1
Nonfarm.....	805.4	814.7	822.7	826.9	831.8	835.6
Durable goods.....	460.3	469.6	476.7	481.2	482.4	483.2
Nondurable goods.....	345.1	345.1	346.0	345.7	349.4	352.4
Manufacturing.....	322.8	324.3	327.3	328.3	330.4	333.6
Durable goods.....	210.2	212.1	215.4	217.5	218.5	220.7
Nondurable goods.....	112.6	112.2	111.9	110.8	111.9	113.0
Wholesale trade.....	190.6	193.0	193.5	192.9	194.0	194.5
Durable goods.....	117.7	121.3	121.8	122.0	123.6	124.4
Nondurable goods.....	72.8	71.7	71.7	70.9	70.4	70.1
Merchant wholesalers.....	165.1	166.9	167.0	166.5	167.8	167.7
Durable goods.....	104.0	107.1	107.0	107.4	109.1	109.5
Nondurable goods.....	61.1	59.8	60.0	59.1	58.7	58.2
Nonmerchant wholesalers.....	25.5	26.1	26.5	26.4	26.2	26.8
Durable goods.....	13.7	14.2	14.7	14.6	14.4	14.9
Nondurable goods.....	11.7	11.9	11.7	11.8	11.8	11.8
Retail trade.....	187.4	190.7	193.6	195.7	196.4	195.3
Durable goods.....	95.3	98.4	100.8	102.3	101.2	98.8
Automotive.....	46.8	48.9	50.6	52.8	52.0	48.9
Other.....	48.5	49.5	50.3	49.5	49.2	49.9
Nondurable goods.....	92.1	92.3	92.8	93.4	95.2	96.5
Other.....	104.6	106.7	108.2	110.0	111.0	112.2
Final sales²	287.7	288.5	291.9	294.3	296.8	298.9
Final sales of goods and structures²	177.2	177.0	179.5	181.4	182.8	183.6
Ratio of inventories to final sales						
Inventories to final sales.....	3.05	3.07	3.05	3.05	3.04	3.03
Nonfarm inventories to final sales.....	2.80	2.82	2.82	2.81	2.80	2.80
Nonfarm inventories to final sales of goods and structures.....	4.54	4.60	4.58	4.56	4.55	4.55

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	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III
Fixed investment	670.6	719.6	719.1	726.5	734.1	742.0	747.6	752.1
Nonresidential	444.3	487.2	487.1	493.2	495.8	503.1	512.5	519.3
Structures	133.8	140.3	139.9	142.0	142.5	144.7	142.4	145.5
Nonresidential buildings, excluding farm.....	92.6	97.8	98.9	98.7	97.9	101.3	98.5	100.5
Public utilities.....	24.6	26.1	24.6	26.8	28.6	28.8	28.5	28.4
Mining exploration, shafts, and wells.....	11.5	12.0	12.2	12.3	11.0	9.7	9.9	10.7
Other.....	5.1	4.5	4.2	4.1	4.9	4.8	5.5	5.9
Producers' durable equipment	310.5	346.8	347.2	351.3	353.3	358.5	370.1	373.8
Information processing and related equipment.....	104.2	114.7	116.0	116.9	115.1	117.8	122.7	122.0
Industrial equipment.....	71.1	81.9	80.5	83.0	87.8	92.2	90.7	91.9
Transportation and related equipment.....	67.6	76.3	76.7	77.4	76.7	72.2	77.6	79.8
Other.....	67.6	73.9	74.0	74.0	73.7	76.3	79.0	80.2
Residential	226.4	232.4	233.2	233.2	238.4	238.8	235.1	232.8
Single-family structures.....	114.4	116.5	116.6	115.1	119.2	121.5	114.8	112.4
Multifamily structures.....	26.6	23.3	22.7	23.1	23.4	24.1	25.0	24.1
Other.....	85.4	92.6	92.8	95.0	95.8	93.2	95.3	96.3

Table 5.13.—Fixed Investment by Type in Constant Dollars

[Billions of 1982 dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III
Fixed investment	650.3	687.9	692.0	696.1	690.8	696.6	700.7	702.5
Nonresidential	455.5	493.8	497.8	501.0	492.7	501.0	511.4	517.2
Structures	122.3	122.2	122.5	123.0	121.4	121.1	118.1	119.7
Nonresidential buildings, excluding farm.....	77.1	78.7	79.9	79.3	78.1	79.8	76.6	77.1
Public utilities.....	22.5	22.6	21.4	23.0	24.2	24.5	24.0	23.7
Mining exploration, shafts, and wells.....	18.2	17.2	17.6	17.3	15.0	12.9	13.1	14.2
Other.....	4.4	3.7	3.5	3.4	4.1	3.9	4.5	4.7
Producers' durable equipment	333.2	371.6	375.3	378.0	371.3	379.9	393.2	397.5
Information processing and related equipment.....	152.9	174.2	177.7	178.6	172.2	180.3	189.1	190.7
Industrial equipment.....	61.9	68.4	67.6	69.5	72.0	74.9	73.5	73.7
Transportation and related equipment.....	58.9	65.7	66.5	66.7	64.7	60.7	64.8	66.9
Other.....	59.6	63.3	63.4	63.2	62.4	63.9	65.7	66.1
Residential	194.8	194.1	194.2	195.1	198.1	195.6	189.3	185.2
Single-family structures.....	97.4	96.2	96.7	95.3	97.9	98.3	91.1	87.9
Multifamily structures.....	22.7	19.3	18.8	19.1	19.2	19.5	19.8	18.9
Other.....	74.7	78.6	78.7	80.7	80.9	77.8	78.4	78.5

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

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III
National income without capital consumption adjustment	3,638.3	3,952.8	3,911.7	3,985.2	4,083.4	4,178.4	4,249.8	4,297.5
Domestic industries	3,607.8	3,919.5	3,881.7	3,953.0	4,048.9	4,143.9	4,218.9	4,271.5
Private industries	3,078.5	3,352.6	3,318.9	3,382.0	3,470.1	3,549.6	3,616.8	3,661.2
Agriculture, forestry, and fisheries.....	90.8	90.4	96.1	88.0	82.5	109.5	102.7	.....
Mining.....	30.5	34.4	34.5	34.8	33.9	35.0	37.2	.....
Construction.....	197.2	211.2	210.4	213.2	217.4	220.5	221.6	.....
Manufacturing	718.7	788.6	781.1	789.9	816.1	817.1	818.2	.....
Durable goods.....	422.9	455.0	453.6	457.4	469.2	469.9	466.7	.....
Nondurable goods.....	295.8	333.6	327.5	332.6	346.9	347.2	351.5	.....
Transportation and public utilities	278.7	300.2	298.1	304.7	311.1	314.5	321.4	.....
Transportation.....	120.0	131.1	131.0	133.6	134.9	137.1	140.0	.....
Communication.....	80.6	83.6	83.1	84.5	85.7	87.8	90.0	.....
Electric, gas, and sanitary services.....	78.1	85.5	84.0	86.5	90.6	89.7	91.4	.....
Wholesale trade	214.9	234.5	229.2	236.5	244.9	244.7	251.6	.....
Retail trade.....	313.3	335.6	333.1	338.5	344.2	346.6	353.9	.....
Finance, insurance, and real estate.....	520.0	568.8	558.1	576.4	594.5	613.3	633.3	.....
Services.....	714.4	789.0	778.2	800.0	825.5	848.3	876.9	.....
Government and government enterprises	529.3	566.9	562.8	571.0	578.8	594.3	602.0	610.2
Rest of the world	30.5	33.3	30.0	32.3	34.5	34.5	31.0	26.0

Table 6.18B.—Corporate Profits by Industry

[Billions of dollars]

	1987	1988	Seasonally adjusted at annual rates					
			1988			1989		
			II	III	IV	I	II	III
Corporate profits with inventory valuation and capital consumption adjustments	298.7	328.6	325.3	330.9	340.2	316.3	307.8	292.3
Domestic industries	259.6	285.0	284.6	285.9	293.7	269.7	264.2	249.2
Financial.....	35.0	35.7	35.9	37.5	35.5	34.4	33.6	23.4
Nonfinancial.....	224.6	249.3	248.7	248.3	258.2	235.3	230.5	225.8
Rest of the world	39.1	43.7	40.7	45.1	46.5	46.6	43.6	43.1
Corporate profits with inventory valuation adjustment	247.8	281.8	276.4	284.1	298.7	279.7	275.5	266.0
Domestic industries	208.7	238.2	235.8	239.0	252.2	233.1	231.8	222.9
Financial.....	30.5	29.8	29.7	31.6	30.1	29.3	28.6	18.4
Federal Reserve banks.....	16.0	18.1	17.4	18.3	19.3	20.3	21.2	20.4
Other.....	14.5	11.7	12.3	13.3	10.8	9.0	7.4	-2.0
Nonfinancial	178.2	208.4	206.1	207.3	222.1	203.9	203.2	204.5
Manufacturing	76.6	98.4	98.2	95.1	105.5	96.5	90.3	.....
Durable goods.....	34.4	38.1	41.3	38.3	39.8	35.6	31.5	.....
Primary metal industries.....	3.6	6.4	6.6	6.8	7.4	6.5	6.6	.....
Fabricated metal products.....	5.0	6.1	6.5	4.8	5.9	7.2	6.7	.....
Machinery, except electrical.....	3.4	4.8	6.7	6.0	2.1	2.0	2.8	.....
Electric and electronic equipment.....	3.4	4.6	4.8	5.8	6.6	4.4	5.1	.....
Motor vehicles and equipment.....	3.3	2.4	1.0	3.2	4.5	3.0	-1.9	.....
Other.....	15.8	13.8	15.6	11.8	13.4	12.4	12.2	.....
Nondurable goods.....	42.2	60.3	57.0	56.8	65.7	60.9	58.8	.....
Food and kindred products.....	12.2	15.7	15.5	14.9	17.2	17.4	14.8	.....
Chemicals and allied products.....	10.5	17.4	15.9	15.6	22.0	18.5	18.1	.....
Petroleum and coal products.....	-1.9	3.7	1.6	3.8	5.3	1.2	1.0	.....
Other.....	21.4	23.5	24.0	22.5	21.2	23.8	24.9	.....
Transportation and public utilities	34.6	39.3	39.2	40.8	43.5	41.6	40.8	.....
Wholesale and retail trade.....	41.1	40.1	37.3	39.2	41.8	34.1	36.9	.....
Other.....	25.9	30.6	31.3	32.2	31.3	31.7	35.2	.....
Rest of the world	39.1	43.7	40.7	45.1	46.5	46.6	43.6	43.1

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

[Index numbers, 1982=100]

	1987	1988	Seasonally adjusted					
			1988			1989		
			II	III	IV	I	II	III'
Gross national product	119.1	124.1	123.3	124.9	126.2	127.7	129.3	130.2
Personal consumption expenditures	120.7	125.9	125.1	126.6	128.1	129.6	131.6	132.3
Durable goods	110.3	112.9	112.4	113.2	114.1	114.7	114.7	115.2
Nondurable goods	112.6	117.2	116.6	118.1	119.4	121.0	124.5	124.3
Services	129.4	135.5	134.7	136.2	138.1	139.8	141.1	142.6
Gross private domestic investment								
Fixed investment	107.8	111.3	111.0	111.5	112.7	114.1	115.2	116.2
Nonresidential	105.4	109.0	108.6	109.3	110.5	111.8	112.6	113.5
Structures	101.7	107.1	106.5	107.9	109.1	110.5	111.6	112.8
Producers' durable equipment	107.8	110.2	109.9	110.2	111.5	112.7	113.3	114.0
Residential	115.9	119.5	119.3	119.3	120.1	121.8	123.9	125.4
Change in business inventories								
Net exports of goods and services								
Exports	105.6	111.2	110.0	112.6	113.3	113.7	114.6	114.4
Imports	101.2	106.3	106.1	106.2	107.3	109.5	111.1	109.8
Government purchases of goods and services	119.6	125.1	124.4	125.9	126.9	129.4	130.5	131.4
Federal	113.3	117.9	117.4	118.7	119.3	122.3	122.7	123.0
National defense	113.8	117.9	117.7	118.3	119.0	122.0	122.5	122.6
Nondefense	112.0	118.0	116.7	119.7	120.0	123.0	123.2	124.2
State and local	124.3	130.4	129.6	131.2	132.6	134.7	136.2	137.6
Addenda:								
Final sales	118.9	124.0	123.2	124.8	126.1	127.6	129.2	130.1
Personal consumption expenditures, food	117.2	122.2	121.0	123.5	124.9	126.6	129.0	129.9
Personal consumption expenditures, energy	91.7	92.4	92.3	92.8	92.9	94.0	100.6	98.2
Other personal consumption expenditures	125.2	131.0	130.3	131.5	133.3	134.8	136.1	137.2

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	Seasonally adjusted					
			1988			1989		
			II	III	IV	I	II	III'
Gross national product	119.1	124.1	123.3	124.9	126.2	127.7	129.3	130.2
Final sales	118.9	124.0	123.2	124.8	126.1	127.6	129.2	130.1
Change in business inventories								
Goods	111.0	115.1	114.3	116.2	117.3	118.1	120.0	120.3
Final sales	110.8	115.0	114.1	116.0	117.1	118.0	119.8	120.1
Change in business inventories								
Durable goods	107.1	108.2	107.8	108.7	109.1	109.9	110.6	111.2
Final sales	107.0	108.3	107.9	108.7	109.2	110.1	110.8	111.3
Change in business inventories								
Nondurable goods	113.7	119.8	118.6	121.3	122.8	123.6	126.3	126.4
Final sales	113.5	119.5	118.4	121.0	122.5	123.4	126.1	126.2
Change in business inventories								
Services	127.9	133.7	133.0	134.4	136.0	138.0	139.4	140.7
Structures	109.1	113.7	113.2	114.2	115.2	116.8	118.2	119.5

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	Seasonally adjusted					
			1988			1989		
			II	III	IV	I	II	III'
Gross national product	119.1	124.1	123.3	124.9	126.2	127.7	129.3	130.2
Less: Exports of goods and services	105.6	111.2	110.0	112.6	113.3	113.7	114.6	114.4
Plus: Imports of goods and services	101.2	106.3	106.1	106.2	107.3	109.5	111.1	109.8
Equals: Gross domestic purchases ¹	118.7	123.7	123.0	124.3	125.7	127.4	129.1	129.9
Less: Change in business inventories								
Equals: Final sales to domestic purchasers ²	118.6	123.5	122.9	124.2	125.6	127.3	128.9	129.7

1. Purchases in the United States of goods and services wherever produced.
2. Final sales in the United States of goods and services wherever produced.

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

Reconciliation and Other Special Tables

Table 1.—Revisions in Selected Component Series of the NIPA's, Third Quarter of 1989

	Seasonally adjusted at annual rates			Percent change from preceding quarter at annual rates	
	Advance	Preliminary	Difference	Advance	Preliminary
Billions of current dollars					
GNP	5,273.2	5,278.9	5.7	5.6	6.1
National income		4,284.0			3.3
Compensation of employees	3,170.5	3,171.9	1.4	6.9	7.1
Corporate profits with inventory valuation and capital consumption adjustments		292.3			-18.7
Other	820.9	819.8	-1.1	-1.4	-1.9
Personal income	4,456.5	4,457.5	1.0	5.2	5.3
Billions of constant (1982) dollars					
GNP	4,158.1	4,160.2	2.1	2.5	2.7
Less: Exports	587.5	589.8	2.3	0	1.6
Plus: Imports	661.6	653.4	-8.2	15.1	9.5
Equals: Gross domestic purchases	4,232.1	4,223.8	-8.3	4.7	3.9
Personal consumption expenditures	2,691.2	2,694.1	2.9	5.8	6.2
Nonresidential fixed investment	518.0	517.2	-.8	5.3	4.6
Residential investment	187.0	185.2	-1.8	-4.8	-8.4
Change in business inventories	30.2	21.2	-9.0		
Government purchases	805.7	806.0	.3	-2.3	-2.1
Index numbers, 1982=100 ¹					
GNP price index (fixed weights)	130.2	130.2	0	2.9	2.9
GNP price index (chained weights)				2.8	2.9
GNP implicit price deflator	126.8	126.9	.1	2.9	3.2
Gross domestic purchases price index (fixed weights)	129.9	129.9	0	2.6	2.6

1. Not at annual rates.

NOTE.—For the third quarter of 1989, the following revised or additional major source data were incorporated: For *personal consumption expenditures*, revised retail sales for August and September; for *nonresidential fixed investment*, construction put in place in August (revised) and September, manufacturers' shipments of equipment for August (revised) and September, and partial information on plant and equipment expenditures for the quarter; for *residential investment*, construction put in place for August (revised) and September; for *change in business inventories*, manufacturing and trade inventories for August (revised) and September; for *net exports of goods and services*, merchandise exports and merchandise imports for August (revised) and September; for *government purchases of goods and services*, Federal outlays for September, and State and local construction put in place for August (revised) and September; for *wages and salaries*, revised employment, average hourly earnings, and average weekly hours for August and September; for *corporate profits*, domestic book profits for the quarter; and for *GNP prices*, detailed merchandise export and import price indexes for September, unit-value indexes for petroleum imports for September, and residential housing prices for the quarter.

Table 2.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings

[Percent change from preceding quarter at seasonally adjusted annual rates]

	1988	1989		
	IV	I	II	III
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) ¹	5.8	5.2	5.2	5.4
Less: Contribution of supplements to wages and salaries	-.1	-.8	.2	0
Plus: Contribution of compensation per hour of persons in housing and in nonprofit institutions	-.1	0	.2	.3
Less: Contribution of compensation per hour of persons in government enterprises, unpaid family workers, and self-employed	0	-.3	0	0
Equals: Wages and salaries per hour of all persons in the nonfarm private business sector	5.8	6.3	5.2	5.7
Less contribution of:				
Compensation per hour of nonproduction workers in manufacturing .....	.2	-1.0	-.4	-.3
BEA adjustment to average hourly earnings ²	1.8	1.8	1.8	1.8
Other differences ³	-.3	1.9	-.3	.2
Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls	4.2	3.6	4.0	4.1

1. The Bureau of Labor Statistics (BLS) estimates of changes in compensation per hour in the nonfarm business sector for the four quarters are 5.9, 4.9, 5.6, and 5.3 percent.

2. For a discussion of this adjustment, see page 19 of the July 1988 SURVEY OF CURRENT BUSINESS.

3. Includes BEA use of non-BLS data and differences in detailed weighting and seasonal adjustment procedures.

Table 3.—Cyclically Adjusted Federal Receipts, Expenditures, and Surplus or Deficit (–) Based on 6-Percent Unemployment Rate Trend GNP

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

	1987	1988	1987				1988				1989		
			I	II	III	IV	I	II	III	IV	I	II	III
Based on 6-percent unemployment rate trend GNP:													
Receipts:													
Level.....	912.9	947.1	873.5	934.3	920.2	923.5	924.4	948.3	950.1	965.6	1,001.1	1,017.2	1,005.8
Percentage of trend GNP.....	20.2	19.8	19.7	20.7	20.2	20.0	19.8	20.0	19.7	19.7	20.1	20.1	19.6
Expenditures:													
Level.....	1,072.3	1,119.6	1,057.5	1,063.1	1,066.2	1,102.5	1,097.5	1,116.3	1,100.9	1,163.7	1,186.3	1,200.5	1,192.3
Percentage of trend GNP.....	23.7	23.4	23.8	23.6	23.4	23.9	23.5	23.5	22.8	23.7	23.8	23.7	23.2
Surplus or deficit (–):													
Level.....	-159.5	-172.5	-184.0	-128.8	-146.0	-179.0	-173.1	-168.0	-150.8	-198.1	-185.2	-183.3	-186.5
Percentage of trend GNP.....	-3.5	-3.6	-4.1	-2.9	-3.2	-3.9	-3.7	-3.5	-3.1	-4.0	-3.7	-3.6	-3.6
Addenda:													
6-percent unemployment rate trend GNP:													
Current dollars.....	4,529.7	4,786.7	4,437.0	4,504.8	4,561.7	4,615.1	4,665.0	4,746.9	4,825.7	4,909.1	4,985.4	5,070.4	5,140.0
1982 dollars.....	3,858.1	3,947.5	3,825.0	3,847.0	3,869.1	3,891.3	3,913.6	3,936.1	3,958.7	3,981.4	4,004.3	4,027.3	4,050.4

Revised and Extended Deflators for Computers

The deflators for purchases of computers, corresponding fixed-weighted price indexes, and underlying price indexes published in the November 1988 SURVEY OF CURRENT BUSINESS were revised beginning in 1986 and extended through the second quarter of 1989 in the annual revision of the national income and product accounts released in July 1989. The price indexes are shown in table 4. The annual and quarterly deflators and corresponding fixed-weighted price indexes are shown in table 5, which also includes estimates for the third quarter of 1989.

Table 4.—Price Indexes for Computing Equipment, 1985-88

[Index numbers, 1982=100]

Year	Processors	Direct access storage devices	Printers	Displays	Personal computers
1985.....	51.2	58.8	23.2	56.5	56.6
1986.....	47.3	47.4	20.4	47.9	41.7
1987.....	40.3	45.4	16.3	33.1	37.6
1988.....	38.2	42.5	16.3	32.8	34.6

Table 5.—Implicit Price Deflators and Fixed-Weighted Price Indexes for Computers and Peripheral Equipment and for Business Purchases of Office, Computing, and Accounting Machinery, 1985-89

[Index numbers, 1982=100]

	Implicit price deflators		Fixed-weighted price indexes	
	Computers and peripheral equipment	Office, computing, and accounting machinery	Computers and peripheral equipment	Office, computing, and accounting machinery
Annual				
1985.....	51.2	56.0	55.7	65.6
1986.....	42.9	47.6	47.2	59.0
1987.....	36.6	40.2	40.7	54.0
1988.....	34.9	38.6	38.4	52.4
Quarterly				
1985: IV.....	46.8	51.7	50.2	61.2
1986: I.....	44.1	48.7	48.1	59.5
II.....	43.3	47.7	47.5	59.3
III.....	42.5	46.8	46.9	58.9
IV.....	41.7	47.0	46.3	58.4
1987: I.....	38.9	42.6	43.5	56.3
II.....	37.0	40.7	41.1	54.3
III.....	35.3	39.1	39.3	52.9
IV.....	35.2	38.9	38.9	52.6
1988: I.....	35.1	38.8	38.7	52.5
II.....	34.9	38.5	38.4	52.4
III.....	34.8	38.5	38.3	52.3
IV.....	34.8	38.6	38.3	52.5
1989: I.....	33.8	37.2	37.2	51.5
II.....	33.1	36.7	36.4	50.8
III.....	32.4	36.3	35.7	50.3

Table 6.—Gross National Product in 1987 Dollars

	1988	Seasonally adjusted at annual rates			
		1988	1989		
		IV	I	II ^r	III ^p
GNP	4,707.9	4,765.0	4,801.3	4,828.1	4,865.1
Personal consumption expenditures	3,108.5	3,141.9	3,159.5	3,173.6	3,221.2
Durable goods	445.6	452.8	450.0	454.8	470.0
Nondurable goods	1,012.2	1,019.6	1,024.6	1,018.6	1,032.8
Services	1,650.7	1,669.4	1,684.9	1,700.3	1,718.5
Gross private domestic investment	732.0	734.7	738.0	734.7	731.7
Fixed investment	701.4	708.2	710.2	709.7	708.6
Nonresidential	475.8	478.1	482.9	489.8	493.5
Structures	134.3	134.5	135.2	131.6	132.8
Producers' durable equipment	341.5	343.6	347.7	358.2	360.7
Residential	225.6	230.1	227.3	219.9	215.2
Change in business inventories	30.6	26.4	27.7	25.0	23.1
Net exports of goods and services	-68.7	-67.5	-44.2	-38.0	-44.9
Exports	522.7	543.9	565.3	581.2	581.0
Imports	591.4	611.4	609.5	619.2	625.9
Government purchases of goods and services	936.1	955.9	948.1	957.8	957.0
Federal	374.9	387.5	377.5	384.3	380.2
National defense	290.4	290.5	282.0	283.8	290.0
Nondefense	84.5	97.1	95.6	100.4	90.1
State and local	561.2	568.4	570.6	573.5	576.8
Addenda:					
Gross domestic purchases	4,776.6	4,832.5	4,845.6	4,866.1	4,910.0
Final sales	4,677.3	4,738.6	4,773.6	4,803.1	4,842.0
GNP price index (fixed weighted), 1987=100	103.8	105.4	106.6	107.9	108.7

^r Revised.^p Preliminary.

NOTE.—For background information about tables 6 and 7, see "Alternate Measures of Real GNP" in the April 1989 SURVEY OF CURRENT BUSINESS. Revised estimates beginning in 1986 appeared on page 19 of the August 1989 SURVEY.

Table 7.—Gross National Product in 1982 and 1987 Dollars; Annual and Quarterly Percent Changes

	1988	Seasonally adjusted at annual rates			
		1988	1989		
		IV	I	II ^r	III ^p
GNP:					
1987 dollars	4.1	2.9	3.1	2.3	3.1
1982 dollars	4.4	2.7	3.7	2.5	2.7
Personal consumption expenditures:					
1987 dollars	3.2	2.9	2.3	1.8	6.1
1982 dollars	3.4	3.0	2.0	1.9	6.2
Durable goods:					
1987 dollars	5.8	10.3	-2.5	4.3	14.1
1982 dollars	6.2	9.9	-1.1	5.5	13.2
Nondurable goods:					
1987 dollars	1.4	.3	2.0	-2.3	5.7
1982 dollars	1.6	.7	1.3	-2.3	5.7
Services:					
1987 dollars	3.7	2.5	3.8	3.7	4.4
1982 dollars	3.8	2.6	3.6	3.8	4.4
Gross private domestic investment:					
1987 dollars	4.6	-7.8	1.8	-1.8	-1.6
1982 dollars	6.2	-12.7	6.9	-7	2.2
Fixed investment:					
1987 dollars	4.6	0	1.1	-3	-6
1982 dollars	5.8	-3.0	3.4	2.4	1.0
Nonresidential:					
1987 dollars	7.1	-2.8	4.1	5.8	3.1
1982 dollars	8.4	-6.5	6.9	8.6	4.6
Structures:					
1987 dollars .....	.4	-2.1	2.1	-10.2	3.7
1982 dollars	-1	-5.1	-1.0	-9.5	5.5
Producers' durable equipment:					
1987 dollars	10.0	-3.1	4.9	12.6	2.8
1982 dollars	11.5	-6.9	9.6	14.8	4.4
Residential:					
1987 dollars	-4	6.3	-4.8	-12.4	-8.3
1982 dollars	-4	6.3	-5.0	-12.3	-8.4
Change in business inventories:					
1987 dollars					
1982 dollars					
Net exports of goods and services:					
1987 dollars					
1982 dollars					
Exports:					
1987 dollars	16.5	15.4	16.7	11.7	-1
1982 dollars	17.6	15.5	14.0	13.1	1.6
Imports:					
1987 dollars	5.4	13.5	-1.2	6.5	4.4
1982 dollars	6.8	12.6	-4	9.3	9.5
Government purchases of goods and services:					
1987 dollars	1.1	12.4	-3.2	4.2	-3
1982 dollars .....	.4	16.7	-3.3	5.4	-2.1
Federal:					
1987 dollars	-1.8	23.9	-9.9	7.4	-4.2
1982 dollars	-3.2	33.7	-9.4	10.0	-7.9
National defense:					
1987 dollars	-1.5	4.2	-11.2	2.6	9.0
1982 dollars	-1.4	4.4	-10.6	2.2	7.4
Nondefense:					
1987 dollars	-2.6	119.2	-6.0	21.6	-35.1
1982 dollars	-9.4	231.3	-5.7	37.4	-43.6
State and local:					
1987 dollars	3.1	5.3	1.6	2.0	2.3
1982 dollars	3.2	5.7	1.5	2.2	2.3
Addenda:					
Gross domestic purchases:					
1987 dollars	3.0	2.9	1.1	1.7	3.7
1982 dollars	3.3	2.5	1.8	2.1	3.9
Final sales:					
1987 dollars	4.1	4.3	3.0	2.5	3.3
1982 dollars	4.3	4.7	3.1	3.1	2.5
GNP price index (fixed weighted):					
1987=100	3.8	4.1	4.7	5.0	2.8
1982=100	4.2	4.3	4.8	5.0	2.9
Real GNP, chain output measure	4.1	3.3	3.2	2.1	3.1

^r Revised (1987-dollar estimates only).^p Preliminary.

Motor Vehicles, Model Year 1989

SALES of new motor vehicles in the United States decreased 1½ percent to 15.4 million units in model year 1989, following a 1-percent increase in 1988 (table 1).¹ The 1989 decrease was more than accounted for by sales of imported cars and trucks. Sales of both domestic cars and trucks increased slightly.²

Motor vehicle sales have been within a range of 15 million to 16 million units in each year since 1985. Prior to 1985, the highest level of sales was 15.3 million in 1978, and only once were sales more than 14.5 million for 3 consecutive years—1977–79 (chart 2).

The continued high level of sales in the past 2 years reflected strength in many of the general factors usually associated with consumer expenditures for durable goods, as well as small increases in new car prices. For the second consecutive model year, real disposable personal income increased by more than 4 percent, and for the sixth consecutive year, the unemployment rate declined. In 1989, consumer confidence (as measured by the Index of Consumer Sentiment prepared by the University of Michigan's Survey Research Center) registered its largest increase in 5 years. The consumer price index for new cars increased slightly in 1989 after increasing only 2½ percent in 1988. One result of the strength in consumer income was a 6½-percent increase in the average expenditure per new car to \$15,189 in 1989 after a

6-percent increase in 1988.³ The increases in average expenditures, which were well above the increases in the consumer price index for new cars, indicated that consumers shifted purchases to bigger cars or to cars with more optional equipment.

Other factors specific to the motor vehicle market have constrained the growth in unit sales in recent years. The stock of consumer-owned vehicles reached a record high in 1989, the re-

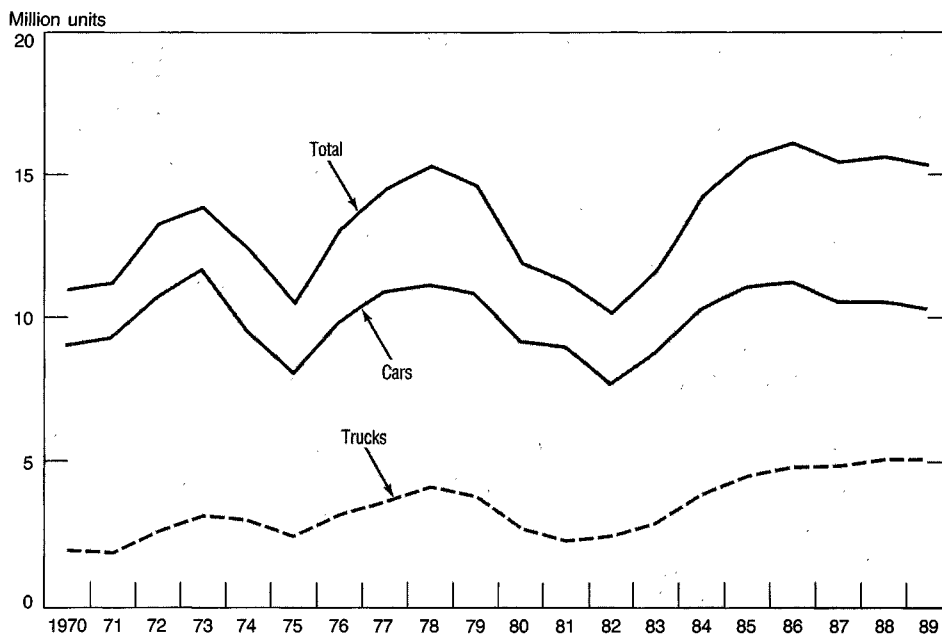
sult of 5 years of strong sales and an increase in the length of time owners are keeping vehicles. The average age of cars on the road (estimated by R. L. Polk and Company) climbed in 1985 to 7.6 years—the highest level since 1950—and has changed little since then. Replacement purchases (purchases to replace older vehicles), which had stimulated unit sales in 1983–86, returned to more “normal” levels in 1987–89. The increase in the number of vehicles per household, which had been steady in 1983–87, slowed sharply in 1988–89.

Two factors related to the financing of new car purchases—longer new car loans and higher interest rates—also constrained unit sales growth. The average length of new car loans made by auto finance companies, which had

3. BEA derives the average expenditure per car by using the average retail price of each model (adjusted for options, discounts or premiums, and sales taxes) weighted by the market share of sales. Movements in the BEA measure differ from movements in the new cars component of the Consumer Price Index (CPI) primarily because the CPI, unlike the BEA measure, is adjusted to remove the influence of quality change on prices and because the BEA measure, unlike the CPI, reflects changes in the sales mix and includes cars sold to business.

CHART 2

New Motor Vehicle Sales by Model Year



Note.—Based on October through September sales for each model year.
Data: Motor Vehicle Manufacturers Association of the United States, Inc. and *Ward's Automotive Reports*.
U.S. Department of Commerce, Bureau of Economic Analysis

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1. For this article, the model year is defined as beginning October 1 and ending on the following September 30. Thus, model year 1989 covers the fourth (calendar) quarter of 1988 and the first, second, and third quarters of 1989.

This article focuses on data for unit sales, inventories, and production drawn mainly from *Ward's Automotive Reports* and the Motor Vehicle Manufacturers Association and data for prices drawn mainly from the Automobile Invoice Service and the Bureau of Labor Statistics, U.S. Department of Labor. These data underlie BEA's estimates of auto and truck output, which are part of the national income and product accounts estimates.

2. Sales of domestic cars and trucks consist of sales of vehicles manufactured in North America and sold in the United States. Sales of imported cars and trucks consist of sales of vehicles manufactured outside North America and sold in the United States.

Table 1.—Selected Motor Vehicle Indicators

	Model year					Calendar quarter: Seasonally adjusted at annual rates				
	1985	1986	1987	1988	1989	1988		1989		
						III	IV	I	II	III
	Thousands of units									
New motor vehicle sales.....	15,639	16,059	15,440	15,614	15,394	15,655	15,571	14,699	15,294	16,191
New car sales.....	11,063	11,208	10,576	10,505	10,328	10,462	10,485	9,820	10,333	10,784
Domestic.....	8,384	8,060	7,348	7,338	7,387	7,426	7,481	6,984	7,328	7,868
Import.....	2,679	3,148	3,229	3,168	2,941	3,036	3,004	2,836	3,005	2,916
New truck sales.....	4,577	4,851	4,864	5,109	5,066	5,193	5,086	4,879	4,961	5,407
Domestic.....	3,834	3,982	3,987	4,465	4,548	4,593	4,533	4,384	4,446	4,897
Import.....	742	869	876	644	518	600	553	495	515	510
Domestic car production.....	8,148	7,885	7,263	6,983	7,129	7,254	7,585	7,058	7,128	6,824
Domestic car inventories ¹						1,566	1,619	1,690	1,732	1,577
Domestic car inventory-sales ratio ²						2.53	2.60	2.90	2.84	2.41
	Dollars									
Average expenditure per new car ³	11,906	12,616	13,460	14,240	15,189	14,591	14,904	15,197	15,260	15,395
Domestic.....	11,593	12,325	12,993	13,831	14,759	13,987	14,390	14,771	14,932	14,941
Import.....	12,880	13,362	14,524	15,201	16,277	16,069	16,183	16,247	16,059	16,618

1. End of quarter, not at annual rate.

2. Ratio of end-of-quarter inventories to average monthly sales for the quarter.

3. Average expenditure per new car is based on manufacturers' suggested retail price for each model (adjusted for options, discounts or premiums, and sales taxes) weighted by each model's share of sales; not at annual rates.

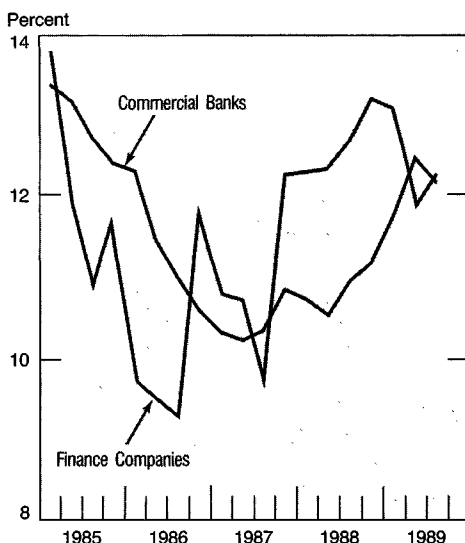
Source: Motor Vehicle Manufacturers Association of the United States, Inc., and Ward's Automotive Reports; data are seasonally adjusted by BEA.

climbed steadily through most of the 1980's, jumped sharply in 1987 and 1988 to a record 56 months. For two reasons, longer loan periods may impede new car sales when the car that the loan covers is to be used as a trade-in. First, the owner must use at least part of the trade-in value received to pay off the loan rather than as a down-payment on the new car. Second, if the owner waits until the loan has been paid off, the owner would receive

less value on the trade-in because the car is older. (The average length of new car loans declined slightly to 55 months in 1989; the decline reflected the effects of sales-incentive programs that encouraged buyers—who otherwise would have paid cash—to finance cars over 24 months. Similar declines in the average length of loans occurred in earlier years when substantial incentive programs were offered.) Interest rates on new car loans were generally higher in 1989 than in 1988 (chart 3). After ranging from 10 to 11 percent in model year 1988, interest rates offered by commercial banks increased from 11 percent in the fourth quarter of 1988 to 12½ percent in the second quarter of 1989, before declining to 12 percent in the third. Interest rates offered by auto finance companies, which were 12 percent for most of model year 1988, were 13 percent in the fourth quarter of 1988 and the first quarter of 1989 and then declined to 12 percent in the second and third quarters.

CHART 3

Interest Rates on New Auto Installment Loans



Note.—Most common interest rates (annual percentage rate) at reporting institutions.

Data: Federal Reserve Board.

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

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New Cars

New car sales declined 1½ percent to 10.3 million units in model year 1989; the decline was more than accounted for by import car sales. New car sales had declined ½ percent in 1988 and 5½ percent in 1987.

Domestic and import car sales

Domestic car sales increased ½ percent to 7.4 million in model year 1989

after declining for 3 consecutive years. Increases in luxury and full-size cars (to 1.7 million) and compact cars (to 2.7 million) more than offset declines in intermediate cars (to 2.0 million) and subcompact cars (to 1.0 million).

Import car sales fell 7 percent to 2.9 million—the lowest level since 1985—after declining 2 percent in 1988. The declines reflected, in part, increases in sales of foreign models manufactured in the United States, which are counted as sales of domestic cars; previously these models had been imported. In addition, the shift in consumer purchases to larger cars may have dampened sales of imported cars, which are mostly compacts and subcompacts. A number of foreign manufacturers have responded to the shift by introducing full-size and luxury models. Sales of imported cars from most countries declined in 1989: Sales of cars imported from Japan—which account for roughly two-thirds of all import car sales—declined 4½ percent, and sales of cars from South Korea and West Germany declined 13½ percent and 11½ percent, respectively.

The shift in consumer purchases to larger cars has been in progress for several years and can be seen in changes in size-class market shares (percent of total domestic and import car sales) in the past 2 years (chart 4). Domestic compact cars gained market share at the expense of domestic subcompact cars; the market share of domestic compact cars increased to 26½ percent in 1989 from 22½ percent in 1987, and the market share of domestic subcompact cars declined to 9 percent from 11½ percent. Further, domestic full-size and luxury cars gained market share at the expense of domestic intermediate cars; the market share of domestic full-size and luxury cars increased to 16½ percent from 15½ percent in 1987, and the market share of domestic intermediate cars declined to 19 percent from 20 percent. The market share of imported cars declined to 28½ percent from 30½ percent in 1987; the decline was partly due to lower sales of imported subcompact cars.

Quarterly patterns

New car sales changed little at 10.5 million (seasonally adjusted annual rate) in the fourth quarter of 1988, fell sharply in the first quarter of 1989, and then increased in both the second and the third quarters (chart 5). The pickup in

the second half of the model year primarily reflected enhanced sales-incentive programs—featuring rebates or below-market financing—offered by manufacturers.

Domestic cars.—In the fourth quarter of 1988, domestic car sales increased slightly to 7.5 million from 7.4 million in the third. Production increased to 7.6 million from 7.3 million. Inventories increased slightly to 1.62 million units from 1.57 million. The inventory-sales ratio edged up to 2.60 from 2.53, remaining above the 2.40 ratio traditionally targeted by the industry.⁴

Sales fell to 7.0 million in the first quarter. In an attempt to reduce swelling inventories, manufacturers cut production to 7.1 million. Still, by quarter's end, inventories had risen to 1.69 million, and the inventory-sales ratio was 2.90.

4. Inventory developments may be tracked using data on inventory-sales ratios or, as is frequently done by the industry, days' supply (the number of days that would be required to liquidate inventories at the current rate of sales). (Movements in these series are very similar; the differences reflect the fact that inventory-sales ratios are derived from seasonally adjusted data and that days' supply estimates are derived from unadjusted data.) The industry targets about 60 days' supply, which translates into an inventory-sales ratio of about 2.40.

As an additional measure to reduce inventories, manufacturers introduced incentive programs late in the first quarter. Early in the second quarter, these programs were enhanced. Sales picked up initially but fell off late in the quarter; for the quarter, sales increased to 7.3 million. Production changed little at 7.1 million. Inventories edged up to 1.73 million, and the inventory-sales ratio, reflecting the increase in sales, edged down to 2.84.

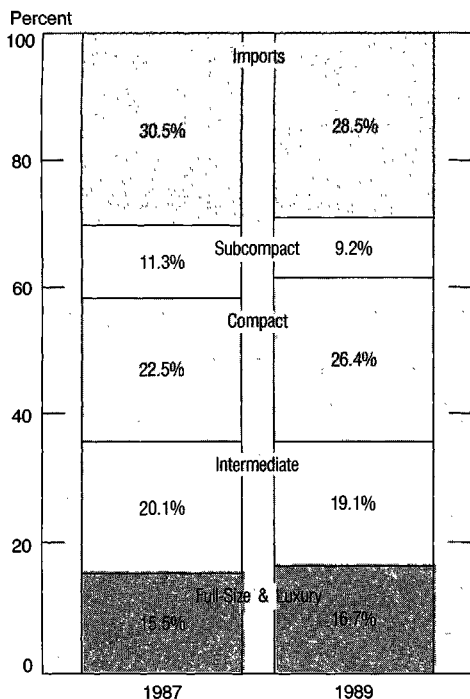
With inventories still high, domestic manufacturers again enhanced their incentive programs early in the third quarter. The new incentives covered nearly all 1989 models and, in September, many 1990 models. Many of these programs were the most attractive ever offered by manufacturers. Interestingly, about four-fifths of new car buyers chose cash rebates rather than below-market financing, even though the latter generally provided a larger financial benefit. Buyers used the cash to pay off existing loans on trade-in cars or as a downpayment. Sales jumped to 7.9 million for the quarter, the highest level since the third quarter of 1987. This jump, along with a

cut in production to 6.8 million, led to a decline in inventories to 1.58 million and in the inventory-sales ratio to 2.41.

Although the inventory-sales ratio has been at or above 2.40 in all but two quarters since the fourth quarter of 1986, recent developments suggest that a higher ratio has not become acceptable to the industry. Even with the inventory-sales ratio at the end of the third quarter of 1989 at the lowest level in six quarters, retail dealers have resisted pressures from manufacturers to increase inventories of 1990 models. Consequently, manufacturers have cut production plans for the fourth quarter.

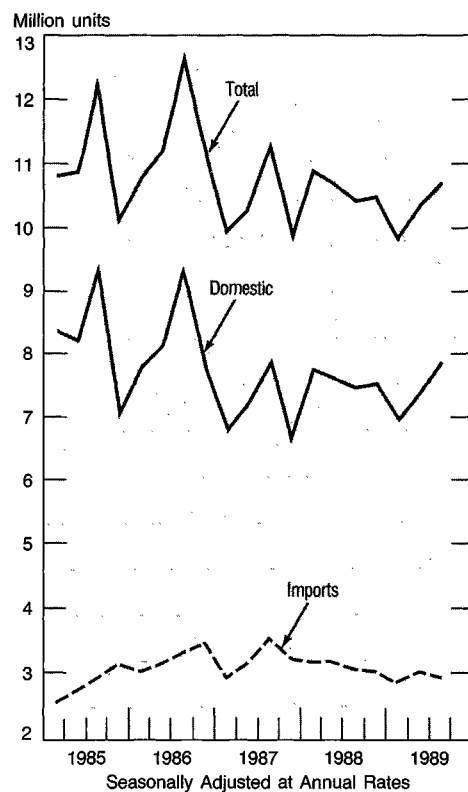
Imported cars.—Sales of imported cars, which had declined in each quarter of model year 1988, declined further to 3.0 million in the fourth quarter of 1988 and to 2.8 million in the first quarter of 1989. Only a few foreign manufacturers offered incentive programs through the first quarter, and those programs were, for the most part, modest. Most foreign manufacturers, with import sales at a 4-year low and inventories at record levels, joined domestic manufacturers in offering new or enhanced incentives in the second quarter; import car sales increased to 3.0 million in the second quarter. However, even with enhanced incentives in the third quarter, sales declined to 2.9 million.

CHART 4
Market Share of New Car Sales by Model Year



Note.—Based on October through September sales for each model year. Data: Motor Vehicle Manufacturers Association of the United States, Inc. and *Ward's Automotive Reports*.

CHART 5
Retail Sales of New Cars



Data: Motor Vehicle Manufacturers Association of the United States, Inc. and *Ward's Automotive Reports*; seasonally adjusted by BEA.

New Trucks

New truck sales declined slightly to 5.07 million units in model year 1989 from a record high in 1988. The decline—the first since the recession year of 1981—was more than accounted for by sales of imported trucks. Sales of domestic trucks increased.

Light truck sales (up to 10,000 pounds gross vehicle weight), which accounted for 90 percent of total unit truck sales in 1989, declined for the first time in 8 years. These trucks include light conventional pickups, compact pickups, sport utility vehicles, and passenger vans. About two-thirds of light truck purchases are for personal use, and, thus, many of the same developments that affected car sales affected light truck sales. Light trucks were included in most of the manufacturers' sales-incentive programs in the second and third quarters.

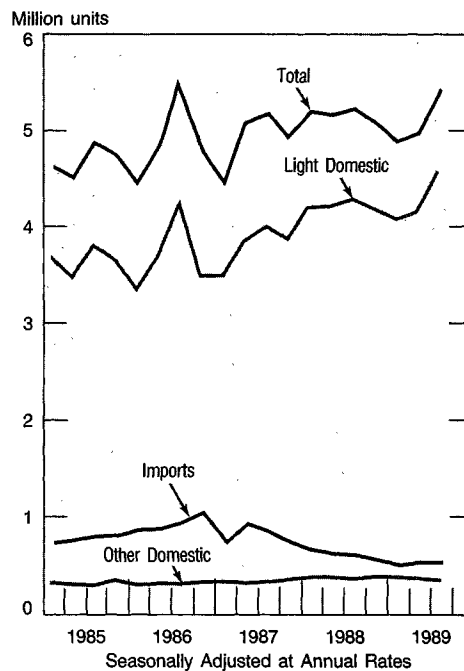
Throughout much of 1980's, the strength in light truck sales reflected

a substitution of truck purchases for car purchases, particularly by families purchasing second or third vehicles. Light trucks offer recreational and utility features, such as increased passenger and load-carrying capacity; families often purchase a truck for these features. In addition, prices were lower for many light truck models than for most car models. However, the substitution of truck purchases for car purchases slowed significantly in 1989. Trucks accounted for 33 percent of motor vehicle sales in 1989, only slightly more than in 1988.

Light domestic truck sales increased 2 percent to 4.21 million in 1989 after a 12-percent increase in 1988. Import truck sales, mostly small pickups, dropped 19½ percent to 0.52 million in 1989 after plummeting 26½ percent in 1988. The declines in import truck sales, as with import car sales, partly reflected an increase in foreign truck models manufactured in the United States; these models, which previously had been imported, are counted as domestic trucks.

Sales of "other" domestic trucks (over 10,000 pounds gross vehicle

CHART 6
Retail Sales of New Trucks



Note.—Retail sales of domestic trucks are classified by gross vehicle weight as light (up to 10,000 pounds) and "other" (over 10,000 pounds). Imported trucks include imports by U.S. manufacturers.

Data: Motor Vehicle Manufacturers Association of the United States, Inc. and *Ward's Automotive Reports*; seasonally adjusted by BEA.

U.S. Department of Commerce, Bureau of Economic Analysis 89-116

weight) changed little at 0.34 million. These trucks, nearly all purchased by business, range from medium-duty general delivery trucks to heavy-duty diesel tractor-trailers.

The quarterly pattern of truck sales in model year 1989 mirrored that of cars. Truck sales declined to 5.09 million in the fourth quarter of 1988 from 5.19 million in the third; sales of both domestic light trucks and imported trucks declined, and sales of "other" domestic trucks increased (chart 6). In the first quarter of 1989, truck sales declined to 4.88 million; sales of all types of trucks contributed to the decline. Truck sales increased to 4.96 million in the second quarter; sales of both domestic light trucks and imported trucks increased, partly reflecting new incentive programs, and sales of "other" domestic trucks declined. Truck sales jumped to 5.41 million in the third quarter, the highest level in 3 years; a large increase in light domestic truck sales, reflecting enhanced incentive programs, more than accounted for the jump. Sales of both imported trucks and "other" domestic trucks declined slightly.

Annual Input-Output Accounts of the U.S. Economy, 1984

THIS article presents the annual input-output (I-O) accounts for 1984. 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 1984 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 (PCE), 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 (GPDI) and net exports of goods and services, the differences reflect the incorporation in the I-O estimates of newly available source data: For GPDI, revised Census Bureau estimates of trade inventories and new construction; for net exports, revised

NOTE.—The 1984 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, Nicholas R. Dopuch, 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*, BEA Methodology Paper No. 4 (Washington, DC: U.S. Government Printing Office, 1987); and "The U.S. National Income and Product Accounts: Revised Estimates," SURVEY 69 (July 1989): 25-27.

Table A.—Comparison of GNP in the NIPA's and the I-O Accounts, 1984

[Billions of dollars]

	NIPA's ¹	I-O accounts	NIPA's less I-O
Gross national product.....	3,772.2	3,766.2	6.1
Personal consumption expenditures.....	2,430.5	2,418.0	12.5
Gross private domestic investment.....	664.8	668.3	-3.5
Net exports of goods and services.....	-58.9	-56.0	-2.9
Government purchases of goods and services.....	735.9	735.9	0

1. The 1984 NIPA estimates appear in "The U.S. National Income and Product Accounts: Revised Estimates," SURVEY 68 (July 1988): 8-124.

BEA estimates of international transactions in services.³

The steps taken to prepare the 1984 annual I-O accounts are the same as those taken to prepare the 1983 annual accounts, although the source data and estimating methods used are somewhat different.⁴ In addition to

3. For a description of the revised services estimates, see "U.S. International Transactions, First Quarter 1989," SURVEY 69 (June 1989): 56-60; and "The U.S. National Income and Product Accounts: Revised Estimates," SURVEY 69 (July 1989): 21.

4. The four major steps in preparing 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 1981-83 accounts, see "Input-Output Accounts of the U.S. Economy, 1981," SURVEY 67 (January 1987): 42-58; "Input-Output Accounts of the U.S. Economy, 1982," SURVEY

the newly incorporated source data discussed above, there were two changes in estimating methods. First, the allocation of Federal Government purchases of nonmilitary equipment by type was based on 1983 data adjusted for price changes. The annual *Current Industrial Report: Shipments to Federal Government Agencies*, which was the primary source used in 1983, was discontinued. Second, sales of used telephones by business to consumers were recognized. As a result, PCE was increased by \$0.3 billion, and GPDI was decreased by the same amount.

The 1984 annual I-O accounts, at the two-digit industry/commodity level, are presented in five tables: (1) the use of commodities by industries, (2) the make of commodities by industries, (3) commodity-by-industry direct requirements, (4) commodity-by-commodity total requirements, and (5) industry-by-commodity total requirements. 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.

68 (April 1988): 31-46; and "Input-Output Accounts of the U.S. Economy, 1983," SURVEY 69 (February 1989): 21-36.

Data Availability

The I-O accounts presented in this article, as well as the latest 1977 and 1980-83 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 \$100 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 containing data for all five tables cost \$55 per year. (Add 25 percent for foreign shipment.) Orders 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
1984.....	BEA IED 89-002	BEA IED 89-402	BEA IED 89-202

Orders for magnetic tape 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 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 composition of inputs to an industry, read the column for that industry	
												Industry number	1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products.....	11,649	2,046		272								
2	Other agricultural products.....	19,324	3,878		196				3				
3	Forestry and fishery products.....			273	25								
4	Agricultural, forestry, and fishery services.....	3,236	4,098	992	96			11	1	(*)	3		
5	Iron and ferroalloy ores mining.....					195							
6	Nonferrous metal ores mining.....					13	255						
7	Coal mining.....	18	4			12	13	4,819				11	2
8	Crude petroleum and natural gas.....								7,205				
9	Stone and clay mining and quarrying.....	2	223		1	12	1			240		23	
10	Chemical and fertilizer mineral mining.....		(*)									99	
11	New construction.....												
12	Repair and maintenance construction.....	90	189	460	182	21	10	177	5,174	31		26	
13	Ordnance and accessories.....			5									
14	Food and kindred products.....	13,901		94	57				(*)	2	1		
15	Tobacco manufactures.....												
16	Broad and narrow fabrics, yarn and thread mills.....		20					1	44				5
17	Miscellaneous textile goods and floor coverings.....	31	74	49									
18	Apparel.....							1	16	15	3		1
19	Miscellaneous fabricated textile products.....		61	12	54								
20	Lumber and wood products, except containers.....	14	16			4	25	119					2
21	Wood containers.....	3	181		11								
22	Household furniture.....												
23	Other furniture and fixtures.....												
24	Paper and allied products, except containers.....	88	66	1	7	(*)	1	10	5	35		5	
25	Paperboard containers and boxes.....	3	119	1	88		(*)		3	2		1	
26	Printing and publishing.....	19	26	1	8	1	1	10	22	7		2	
27	Chemicals and selected chemical products.....	195	9,480	418	1,312	53	141	360	774	89		90	
28	Plastics and synthetic materials.....												
29	Drugs, cleaning and toilet preparations.....	208								8			1
30	Paints and allied products.....			3						14			
31	Petroleum refining and related industries.....	844	4,637	292	568	86	101	912	560	284		87	
32	Rubber and miscellaneous plastics products.....	412	480	3	55	31	48	218	29	52		9	
33	Leather tanning and finishing.....												
34	Footwear and other leather products.....	56			3					2			
35	Glass and glass products.....	8		(*)	4	(*)	1	(*)	10	1		(*)	
36	Stone and clay products.....		138		18	2	26	108	19	4		1	
37	Primary iron and steel manufacturing.....	9	10			49	95	133	577	41		20	
38	Primary nonferrous metals manufacturing.....					3	11	71		15		3	
39	Metal containers.....			8									
40	Heating, plumbing, and fabricated structural metal products.....	10	13						55	19		7	
41	Screw machine products and stampings.....	37				9	19	262		14		8	
42	Other fabricated metal products.....	144	226	32	30	43	45	178	593	64		10	
43	Engines and turbines.....			15	44	28	30	216	246	54		26	
44	Farm and garden machinery.....	414	838	20	25								
45	Construction and mining machinery.....					61	1	1,044	417	171		38	
46	Materials handling machinery and equipment.....					19	15	125		46		6	
47	Metalworking machinery and equipment.....			(*)	2	2	3	5	42	7		(*)	
48	Special industrial machinery and equipment.....												
49	General industrial machinery equipment.....	22	26	8	2	37	30	400	312	60		14	
50	Miscellaneous machinery, except electrical.....	61	85	1	10	7	16	35	16	14		2	
51	Office, computing, and accounting machines.....				1								
52	Service industry machines.....												
53	Electric industrial equipment and apparatus.....	13	13			5	14	129	404	28		10	
54	Household appliances.....												
55	Electric lighting and wiring equipment.....	7	5	1	5	(*)	1	25	30	3		1	
56	Radio, TV, and communication equipment.....				1		(*)	1	6				
57	Electronic components and accessories.....												
58	Miscellaneous electrical machinery and supplies.....	101	427	(*)	24	(*)	1	3	5	(*)			
59	Motor vehicles and equipment.....	65	69	5	63	39	5	7	10	43		3	
60	Aircraft and parts.....			1									
61	Other transportation equipment.....			263	11	1	5						
62	Scientific and controlling instruments.....			5	1	(*)	3	21	70	2		(*)	
63	Optical, ophthalmic, and photographic equipment.....			1	7	(*)	(*)	(*)	5	1		(*)	
64	Miscellaneous manufacturing.....	9	13	(*)	6	4	1	7	10	6		2	
65	Transportation and warehousing.....	1,430	1,198	89	402	50	64	282	462	81		36	
66	Communications, except radio and TV.....	213	287	7	4	2	4	26	111	11		3	
67	Radio and television broadcasting.....												
68	Private electric, gas, water, and sanitary services.....	827	2,595	58	284	459	340	899	2,114	557		535	
69	Wholesale and retail trade.....	2,883	4,518	284	865	87	109	830	605	170		49	
70	Finance and insurance.....	1,453	1,348	50	188	17	51	276	670	90		24	
71	Real estate and rental.....	1,970	11,750		646	43	76	848	10,461	183		35	
72	Hotels, personal and repair services (except auto).....	133	140	13	30	3	6	31	72	40		9	
73	Business services.....	384	1,837	126	470	79	101	1,004	1,548	277		108	
74	Eating and drinking places.....	14	18	50	114	5	11	45	542	27		18	
75	Automobile repair and services.....	263	283	37	210	33	63	191	254	41		26	
76	Amusements.....				295			3	11	2		1	
77	Health, educational, and social services and nonprofit organizations.....	622	40	13	23	4	7	37	57	8		4	
78	Federal Government enterprises.....	10	13	8	73	4	9	15	26	8		9	
79	State and local government enterprises.....			5	29	1	3	5	12	10		3	
80	Noncomparable imports.....	(*)	4	2	1	4	39	15	343	3		5	
81	Scrap, used and secondhand goods.....					2	6	10		9		10	
82	Government industry.....												
83	Rest of the world industry.....												
84	Household industry.....												
85	Inventory valuation adjustment.....												
I	Total intermediate inputs.....	61,192	51,491	3,702	6,827	1,530	1,890	13,982	33,932	2,860		1,380	
VA	Value added.....	20,454	46,112	3,850	8,447	1,148	1,136	13,549	119,989	4,392		1,466	
T	Total industry output.....	81,646	97,603	7,551	15,274	2,678	3,027	27,531	153,921	7,251		2,846	

* Less than \$500,000.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry	Plastics and synthetic materials	Drugs, cleaning and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscel- laneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
		Industry number 28	29	30	31	32	33	34	35	36
1	Livestock and livestock products.....		43							
2	Other agricultural products.....		100	2						1
3	Forestry and fishery products.....		18	31						
4	Agricultural, forestry, and fishery services.....	1	1	(*)	1	1			1	2
5	Iron and ferroalloy ores mining.....			9						6
6	Nonferrous metal ores mining.....	2		18						5
7	Coal mining.....	151	21		20	40	1	1	1	382
8	Crude petroleum and natural gas.....	1,111		145	117,061	229				
9	Stone and clay mining and quarrying.....		33	53	381	34			282	2,371
10	Chemical and fertilizer mineral mining.....			4	10	9	2		3	107
11	New construction.....									
12	Repair and maintenance construction.....	343	213	81	1,239	462	7	27	127	631
13	Ordinance and accessories.....									14
14	Food and kindred products.....	45	758	78	46	10	575	19	1	18
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....	117				939		224		185
17	Miscellaneous textile goods and floor coverings.....		17		18	1,044		215		
18	Apparel.....	7	1	(*)	1	16	(*)	13	1	7
19	Miscellaneous fabricated textile products.....	2	2	1		11		1	5	
20	Lumber and wood products, except containers.....	24	6		37	250		43	127	205
21	Wood containers.....					6		1	62	(*)
22	Household furniture.....									
23	Other furniture and fixtures.....									
24	Paper and allied products, except containers.....	230	317	18	151	967	(*)	46	8	492
25	Paperboard containers and boxes.....	317	1,074	80	477	1,006	10	91	526	178
26	Printing and publishing.....	21	197	63	22	68	2	20	30	42
27	Chemicals and selected chemical products.....	11,286	4,955	2,420	4,343	3,436	111	65	602	899
28	Plastics and synthetic materials.....	1,265	149	669	36	14,409		96		277
29	Drugs, cleaning and toilet preparations.....	172	3,451	29	796	22	42	20		41
30	Paints and allied products.....	71	65	123	6	46			22	70
31	Petroleum refining and related industries.....	922	708	286	13,783	1,096	24	16	269	963
32	Rubber and miscellaneous plastics products.....	872	1,961	39	246	4,264	(*)	546	74	206
33	Leather tanning and finishing.....					2	78	1,338		
34	Footwear and other leather products.....	(*)	1	1	4	8		438	4	(*)
35	Glass and glass products.....	12	566	8	51	541			1,085	35
36	Stone and clay products.....	29	21	94	214	155	4	4	110	4,542
37	Primary iron and steel manufacturing.....	(*)	1	38	25	556		2	1	207
38	Primary nonferrous metals manufacturing.....	13	4	69		75		(*)	7	241
39	Metal containers.....	83	838	466	438					2
40	Heating, plumbing, and fabricated structural metal products.....		12			63				10
41	Screw machine products and stampings.....		181	14		202		17	26	15
42	Other fabricated metal products.....	54	418	46	321	386	(*)	65	8	373
43	Engines and turbines.....					20				4
44	Farm and garden machinery.....									
45	Construction and mining machinery.....									161
46	Materials handling machinery and equipment.....					6		(*)		3
47	Metalworking machinery and equipment.....	11	13	1	8	182	1	7	50	31
48	Special industry machinery and equipment.....	15				186		5	78	4
49	General industrial machinery and equipment.....	73	100	1	209	18		(*)	6	28
50	Miscellaneous machinery, except electrical.....	57	46	6	50	389	4	28	111	112
51	Office, computing, and accounting machines.....									
52	Service industry machines.....									
53	Electric industrial equipment and apparatus.....					4			26	12
54	Household appliances.....		(*)	(*)					9	
55	Electric lighting and wiring equipment.....	2	3	1	10	72	(*)	1	16	32
56	Radio, TV, and communication equipment.....	(*)	2	(*)	(*)	1		(*)	1	(*)
57	Electronic components and accessories.....					38				
58	Miscellaneous electrical machinery and supplies.....		6		1	16			(*)	1
59	Motor vehicles and equipment.....	1	4	4	140	34	(*)		1	70
60	Aircraft and parts.....									
61	Other transportation equipment.....									
62	Scientific and controlling instruments.....	36	62	3	51	95	(*)	3	30	16
63	Optical, ophthalmic, and photographic equipment.....	3	12	(*)	7	13	(*)	(*)	6	16
64	Miscellaneous manufacturing.....	2	22	6	2	22	(*)	85	1	22
65	Transportation and warehousing.....	983	1,184	456	8,285	1,882	35	105	437	2,730
66	Communications, except radio and TV.....	53	196	26	245	202	2	37	42	129
67	Radio and television broadcasting.....									
68	Private electric, gas, water, and sanitary services.....	1,770	774	127	5,850	2,475	38	79	1,422	2,849
69	Wholesale and retail trade.....	1,134	1,774	401	2,452	2,047	85	203	441	993
70	Finance and insurance.....	142	564	65	898	412	8	117	90	302
71	Real estate and rental.....	336	1,134	58	343	714	4	50	176	294
72	Hotels; personal and repair services (except auto).....	81	167	38	66	135	14	36	30	79
73	Business services.....	1,275	9,232	434	2,927	2,041	26	342	398	1,194
74	Eating and drinking places.....	175	704	86	366	418	4	53	65	226
75	Automobile repair and services.....	125	95	27	119	149	2	18	59	164
76	Amusements.....	1	10	1	3	6		(*)	2	1
77	Health, educational, and social services and nonprofit organizations.....	35	203	15	94	149	1	3	10	35
78	Federal Government enterprises.....	23	142	31	116	88	3	65	28	60
79	State and local government enterprises.....	10	28	1	51	18	6	1	6	14
80	Noncomparable imports.....	64	413	57	557	1,071	(*)		108	71
81	Scrap, used and secondhand goods.....					5			52	
82	Government industry.....									
83	Rest of the world industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
I	Total intermediate inputs.....	23,555	33,019	6,725	162,574	43,260	1,089	4,545	7,079	22,181
VA	Value added.....	11,626	21,917	3,480	29,744	25,197	813	2,743	6,354	16,671
T	Total industry output.....	35,181	54,936	10,205	192,318	68,457	1,903	7,288	13,434	38,852

* Less than \$500,000.

by Industries, 1984—Continued

at producers' prices]

Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metal-working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Commodity number
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
																1
																2
																3
																4
																5
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41,356	39,208	7,992	23,636	16,445	21,268	7,721	7,190	9,464	3,666	6,733	6,471	12,239	6,801	40,174	12,282	
26,608	15,117	4,458	15,203	14,210	20,155	7,456	5,720	9,630	3,005	11,670	7,443	12,150	10,498	18,853	7,619	
67,964	54,325	12,449	38,839	30,655	41,423	15,177	12,910	19,093	6,670	18,403	13,915	24,389	17,300	59,026	19,901	

Table 1.—The Use of Commodities

(Millions of dollars)

Commodity number	For the distribution of output of a commodity, read the row for that commodity	For the composition of inputs to an industry, read the column for that industry	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
			53	54	55	56	57	58	59	60	61
1	Livestock and livestock products.....										
2	Other agricultural products.....										
3	Forestry and fishery products.....										
4	Agricultural, forestry, and fishery services.....	1		(*)	3	2	(*)	9	1	1	1
5	Iron and ferroalloy ores mining.....							37			
6	Nonferrous metal ores mining.....							6	59	7	2
7	Coal mining.....	4	7	4	7	2					
8	Crude petroleum and natural gas.....										
9	Stone and clay mining and quarrying.....								3		
10	Chemical and fertilizer mineral mining.....										
11	New construction.....										
12	Repair and maintenance construction.....	200	102	68	249	407	70	386	279	88	
13	Ordinance and accessories.....				(*)			1	5	(*)	
14	Food and kindred products.....	4	2	1	4	10	1	3	6	3	
15	Tobacco manufactures.....										
16	Broad and narrow fabrics, yarn and thread mills.....		43	21				19	116	11	
17	Miscellaneous textile goods and floor coverings.....	5						5	312	262	
18	Apparel.....	3	2	2	33	45		19	14	17	
19	Miscellaneous fabricated textile products.....							3,434	147	125	
20	Lumber and wood products, except containers.....	34	72	36	40		4	207	36	1,137	
21	Wood containers.....	11	18		24			5	6	(*)	
22	Household furniture.....				455	31			14	75	
23	Other furniture and fixtures.....		25						367	19	
24	Paper and allied products, except containers.....	245	80	4	120	196	5	190	17	17	
25	Paperboard containers and boxes.....	131	278	234	195	213	108	120	11	15	
26	Printing and publishing.....	61	23	21	359	118	20	72	121	36	
27	Chemicals and selected chemical products.....	138	95	107	156	1,050	395	359	80	75	
28	Plastics and synthetic materials.....	99	271	191	321	282	121	225	51	173	
29	Drugs, cleaning and toilet preparations.....							7		1	
30	Paints and allied products.....	68	149	39	47	2	25	604	71	179	
31	Petroleum refining and related industries.....	236	32	69	205	388	91	429	424	164	
32	Rubber and miscellaneous plastics products.....	505	947	439	2,866	2,757	454	7,089	314	357	
33	Leather tanning and finishing.....										
34	Footwear and other leather products.....				2	1		6	2		
35	Glass and glass products.....	21	116	457	82	550	14	1,591	9	184	
36	Stone and clay products.....	168	203	43	81	387	28	472	112	499	
37	Primary iron and steel manufacturing.....	1,421	1,260	710	362	427	312	9,946	1,331	1,716	
38	Primary nonferrous metals manufacturing.....	1,613	660	764	1,770	2,082	1,271	2,551	2,222	548	
39	Metal containers.....										
40	Heating, plumbing, and fabricated structural metal products.....	91						11	89	1,286	
41	Screw machine products and stampings.....	428	367	382	677	1,144	230	11,822	579	223	
42	Other fabricated metal products.....	294	413	274	950	1,302	495	3,492	517	405	
43	Engines and turbines.....	94						1,582		1,018	
44	Farm and garden machinery.....										
45	Construction and mining machinery.....								16	65	
46	Materials handling machinery and equipment.....								23	3	
47	Metalworking machinery and equipment.....	177	59	97	214	252	110	419	568	112	
48	Special industry machinery and equipment.....										
49	General industrial machinery equipment.....	111	91	4	63	6	113	971	436	600	
50	Miscellaneous machinery, except electrical.....	179	80	84	530	426	63	1,692	743	313	
51	Office, computing, and accounting machines.....	21			37			(*)	5	(*)	
52	Service industry machines.....		281		13			1,946		136	
53	Electric industrial equipment and apparatus.....	2,436	756	250	674	252	247	292	117	225	
54	Household appliances.....		198							232	
55	Electric lighting and wiring equipment.....	248	278	365	740	202	125	865	5	257	
56	Radio, TV, and communication equipment.....	(*)	(*)	(*)	3,969	11	(*)	1,034	2,491	204	
57	Electronic components and accessories.....	944			362	16,914	11,968	861	512	1,762	
58	Miscellaneous electrical machinery and supplies.....	(*)	2	746	5	8	773	3,147	139	62	
59	Motor vehicles and equipment.....	1		1	86	6	4	48,063	2	732	
60	Aircraft and parts.....	60							11,427	67	
61	Other transportation equipment.....								35	1,183	
62	Scientific and controlling instruments.....	54	461	4	151	18	14	428	598	71	
63	Optical, ophthalmic, and photographic equipment.....	23	2	9	174	60	20	284	12	12	
64	Miscellaneous manufacturing.....	17	94	2	26	17	1	42	12	36	
65	Transportation and warehousing.....	503	239	272	928	1,322	441	1,607	1,204	351	
66	Communications, except radio and TV.....	133	43	42	434	349	45	91	323	90	
67	Radio and television broadcasting.....										
68	Private electric, gas, water, and sanitary services.....	581	367	251	929	1,587	361	1,770	1,009	358	
69	Wholesale and retail trade.....	1,343	764	696	2,794	2,941	675	5,519	1,050	1,154	
70	Finance and insurance.....	385	119	204	320	655	277	660	864	135	
71	Real estate and rental.....	332	41	94	3,355	510	196	290	371	521	
72	Hotels; personal and repair services (except auto).....	124	52	74	543	484	101	110	726	45	
73	Business services.....	835	918	469	3,672	2,698	502	3,622	2,854	627	
74	Eating and drinking places.....	200	83	94	655	799	112	204	1,234	95	
75	Automobile repair and services.....	44	20	21	92	265	40	4,037	124	51	
76	Amusements.....	1		1	14	49	34	28	35	30	
77	Health, educational, and social services and nonprofit organizations.....	13	16	10	98	115	7	144	98	11	
78	Federal Government enterprises.....	56	64	26	341	133	14	209	233	33	
79	State and local government enterprises.....	8	5	5	18	29	8	40	15	3	
80	Noncomparable imports.....	138	28	12	313	66	24	976	69	7	
81	Scrap, used and secondhand goods.....		1	3				162		(*)	
82	Government industry.....										
83	Rest of the world industry.....										
84	Household industry.....										
85	Inventory valuation adjustment.....										
I	Total intermediate inputs.....	14,842	10,225	8,062	47,605	36,707	8,900	124,362	35,395	16,558	
VA	Value added.....	17,122	5,588	6,663	21,646	9,811	7,914	53,766	31,426	12,387	
T	Total industry output.....	31,964	15,813	14,724	69,251	46,518	16,813	178,128	66,821	28,945	

* Less than \$500,000.

Table 1.—The Use of Commodities

[Millions of dollars]

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Federal Government enterprises	State and local government enterprises	Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	Total intermediate use
		78	79	82	83	84	85	
1	Livestock and livestock products.....	6						74,277
2	Other agricultural products.....	745	2					54,150
3	Forestry and fishery products.....	14						8,512
4	Agricultural, forestry, and fishery services.....	1	15					16,390
5	Iron and ferroalloy ores mining.....							3,148
6	Nonferrous metal ores mining.....							3,297
7	Coal mining.....	1,759	1,307					24,223
8	Crude petroleum and natural gas.....							163,494
9	Stone and clay mining and quarrying.....							7,528
10	Chemical and fertilizer mineral mining.....		7					2,117
11	New construction.....							
12	Repair and maintenance construction.....	690	9,538					85,821
13	Ordinance and accessories.....	(*)	(*)					2,115
14	Food and kindred products.....	1,483	1					116,630
15	Tobacco manufactures.....							4,277
16	Broad and narrow fabrics, yarn and thread mills.....	10						35,554
17	Miscellaneous textile goods and floor coverings.....	3	(*)					8,601
18	Apparel.....	3	12					11,823
19	Miscellaneous fabricated textile products.....	119	5					19,254
20	Lumber and wood products, except containers.....							49,471
21	Wood containers.....							598
22	Household furniture.....							757
23	Other furniture and fixtures.....							1,573
24	Paper and allied products, except containers.....	68	35					59,688
25	Paperboard containers and boxes.....	23	1					21,282
26	Printing and publishing.....	314	84					35,629
27	Chemicals and selected chemical products.....	7	346					90,156
28	Plastics and synthetic materials.....							35,363
29	Drugs, cleaning and toilet preparations.....	39	30					16,986
30	Paints and allied products.....	1	1					9,014
31	Petroleum refining and related industries.....	708	2,668					125,847
32	Rubber and miscellaneous plastics products.....	31	75					58,710
33	Leather tanning and finishing.....	1						1,999
34	Footwear and other leather products.....	22	1					958
35	Glass and glass products.....	2	2					12,081
36	Stone and clay products.....	1	73					37,018
37	Primary iron and steel manufacturing.....	1	(*)					76,404
38	Primary nonferrous metals manufacturing.....	6	1					57,046
39	Metal containers.....							12,003
40	Heating, plumbing, and fabricated structural metal products.....	1	1					31,641
41	Screw machine products and stampings.....	40	10					28,388
42	Other fabricated metal products.....	12	11					38,423
43	Engines and turbines.....	13	51					9,475
44	Farm and garden machinery.....		73					2,822
45	Construction and mining machinery.....	1	(*)					3,857
46	Materials handling machinery and equipment.....	2						2,706
47	Metalworking machinery and equipment.....	5	17					7,897
48	Special industry machinery and equipment.....							3,379
49	General industrial machinery equipment.....	9	8					14,598
50	Miscellaneous machinery, except electrical.....		57					14,572
51	Office, computing, and accounting machines.....	7	(*)					14,784
52	Service industry machines.....	10	10					10,954
53	Electric industrial equipment and apparatus.....	(*)	548					18,282
54	Household appliances.....	1	27					2,943
55	Electric lighting and wiring equipment.....	23	115					12,051
56	Radio, TV, and communication equipment.....	8	5					13,759
57	Electronic components and accessories.....	2	29					45,873
58	Miscellaneous electrical machinery and supplies.....	5	18					8,092
59	Motor vehicles and equipment.....	53	103					60,944
60	Aircraft and parts.....							15,499
61	Other transportation equipment.....	14	98					3,466
62	Scientific and controlling instruments.....	3	7					9,760
63	Optical, ophthalmic, and photographic equipment.....	21	22					7,435
64	Miscellaneous manufacturing.....	80	36					7,855
65	Transportation and warehousing.....	3,266	673					136,700
66	Communications, except radio and TV.....	169	83					43,923
67	Radio and television broadcasting.....							504
68	Private electric, gas, water, and sanitary services.....	542	7,719					197,158
69	Wholesale and retail trade.....	449	815					172,986
70	Finance and insurance.....	76	146					125,845
71	Real estate and rental.....	850	325					202,245
72	Hotels; personal and repair services (except auto).....	87	80					21,453
73	Business services.....	966	693					328,504
74	Eating and drinking places.....	91	248					43,132
75	Automobile repair and services.....	277	67					35,341
76	Amusements.....	30	1					16,610
77	Health, educational, and social services and nonprofit organizations.....	23	39					14,148
78	Federal Government enterprises.....	586	78					24,065
79	State and local government enterprises.....	21	8					2,905
80	Noncomparable imports.....	538						25,590
81	Scrap, used and secondhand goods.....							5,406
82	Government industry.....							
83	Rest of the world industry.....							
84	Household industry.....							
85	Inventory valuation adjustment.....							
I	Total intermediate inputs.....	14,333	26,424					3,117,760
VA	Value added.....	27,886	27,108	379,595	47,095	9,240	-6,190	
T	Total industry output.....	42,218	53,531	379,595	47,095	9,240	-6,190	

* Less than \$500,000.

Table 2.—The Make of Commodities

(Millions of dollars)

Industry number	For the distribution of industries producing a commodity, read the column for that commodity	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Non-ferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
	For the distribution of commodities produced by an industry, read the row for that industry										
	Commodity number	1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products.....	76,009		126	1,024						
2	Other agricultural products.....		93,663		1,711						
3	Forestry and fishery products.....			1,116	7,551						
4	Agricultural, forestry, and fishery services.....				15,274						
5	Iron and ferroalloy ores mining.....					2,666	12				(*)
6	Nonferrous metal ores mining.....					133	2,882				3
7	Coal mining.....						9	4			4
8	Crude petroleum and natural gas.....							27,507	(*)		15
9	Stone and clay mining and quarrying.....							3	137,166	(*)	
10	Chemical and fertilizer mineral mining.....							5	3	7,063	
11	New construction.....									5	1,845
12	Repair and maintenance construction.....										
13	Ordinance and accessories.....										
14	Food and kindred products.....	8									
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.....								80		44
28	Plastics and synthetic materials.....										
29	Drugs, cleaning and toilet preparations.....									2	
30	Paints and allied products.....										
31	Petroleum refining and related industries.....										83
32	Rubber and miscellaneous plastics products.....										3
33	Leather tanning and finishing.....										
34	Footwear and other leather products.....										
35	Glass and glass products.....										
36	Stone and clay products.....									267	
37	Primary iron and steel manufacturing.....									7	
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.....				77						
67	Radio and television broadcasting.....										
68	Private electric, gas, water, and sanitary services.....										
69	Wholesale and retail trade.....									201	
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 commodity output.....	76,017	93,663	8,793	18,085	2,805	2,911	27,520	137,450	7,448	1,892

* Less than \$500,000.

Table 2.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity 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.....				9,654					
9	Stone and clay mining and quarrying.....				46					125
10	Chemical and fertilizer mineral mining.....									38
11	New construction.....									
12	Repair and maintenance construction.....									
13	Ordinance and accessories.....					6				
14	Food and kindred products.....	11	350		1	130				
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....	1,888	(*)		5	72		1	5	80
17	Miscellaneous textile goods and floor coverings.....	74	9	4	2	114	(*)	1		
18	Apparel.....	4				9	(*)	41		
19	Miscellaneous fabricated textile products.....	2	4			30		4		1
20	Lumber and wood products, except containers.....		13	1	5	85			7	11
21	Wood containers.....					3		(*)		
22	Household furniture.....					33		5	69	
23	Other furniture and fixtures.....	13				56		2		2
24	Paper and allied products, except containers.....	26	15	4	4	468				38
25	Paperboard containers and boxes.....					214		2	23	
26	Printing and publishing.....					44		5	1	
27	Chemicals and selected chemical products.....	4,385	1,322	152	1,657	78	3			114
28	Plastics and synthetic materials.....	31,064	110	51		927				12
29	Drugs, cleaning and toilet preparations.....	254	51,958	51	95	75				15
30	Paints and allied products.....	211	9	9,788	3	10				11
31	Petroleum refining and related industries.....	172	126	29	178,117	40		2	9	121
32	Rubber and miscellaneous plastics products.....	353	74	13	4	65,571	1	38	8	91
33	Leather tanning and finishing.....				1	2	1,878	11		
34	Footwear and other leather products.....		1	2		24	1	7,137		2
35	Glass and glass products.....	23		5		57			13,134	8
36	Stone and clay products.....	99	17	17	83	178		(*)	67	37,327
37	Primary iron and steel manufacturing.....					6				12
38	Primary nonferrous metals manufacturing.....				1	102			101	53
39	Metal containers.....					25			6	
40	Heating, plumbing, and fabricated structural metal products.....			5	2	125			59	36
41	Screw machine products and stampings.....	20				64			1	4
42	Other fabricated metal products.....	25	15	32	1	202	(*)	4	2	29
43	Engines and turbines.....					11				
44	Farm and garden machinery.....					13				
45	Construction and mining machinery.....					22				2
46	Materials handling machinery and equipment.....					2				
47	Metalworking machinery and equipment.....	5	21		1	44				5
48	Special industry machinery and equipment.....		7	2		16				22
49	General industrial machinery equipment.....	3	3	2		96			16	2
50	Miscellaneous machinery, except electrical.....					5				12
51	Office, computing, and accounting machines.....					63		1		
52	Service industry machines.....		11			15			(*)	4
53	Electric industrial equipment and apparatus.....					62			4	40
54	Household appliances.....		15			34			1	
55	Electric lighting and wiring equipment.....				1	19		2	20	7
56	Radio, TV, and communication equipment.....	15				47				10
57	Electronic components and accessories.....					68				20
58	Miscellaneous electrical machinery and supplies.....		10			18		6	1	5
59	Motor vehicles and equipment.....		10	27	10	9				50
60	Aircraft and parts.....				5	155				16
61	Other transportation equipment.....					6			(*)	
62	Scientific and controlling instruments.....		394			60		6	57	
63	Optical, ophthalmic, and photographic equipment.....	42	12	7		186			(*)	12
64	Miscellaneous manufacturing.....		66	3	2	239	(*)	14	(*)	26
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.....									36
82	Government industry.....									
83	Rest of the world industry.....									
84	Household industry.....									
85	Inventory valuation adjustment.....									
T	Total commodity output.....	38,689	54,571	10,194	189,781	69,937	1,884	7,282	13,589	38,398

* Less than \$500,000.

by Industries, 1984—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	
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	17	3	1	109	38	24	43	2	1	30	47	6	12		2	13
			26	8	45	4	1				14				12	14
			27													15
		6				4					32					16
				1		5					16	4			4	17
				1							1			1		18
	1	1		1		12		1		(*)	4					19
		4		97		80		2		5	7	2		(*)		20
						1				2				4		21
	10	11		24	6	37		3			6				35	22
	5			27	9	16		3			3				29	23
				8		165				10					234	24
						30					3					25
	6		16	12	21	103				15	11				89	26
	6		18	19	19	123		23			16			1	10	27
						21					16					28
						14										29
			1								6					30
			74					3			8					31
	31	24	4	49	33	163		7	17	153	37	46		29	45	32
																33
				1	2	7		1			3					34
				5	5	22					13					35
				52	1	55		4			43					36
	64,273			173	144	1,683		7			9				20	37
	332	52,350		97	14	319		19	4		105				29	38
			17	21	28	15		2			138				7	39
			11,964								10					40
	72	124	12	36,777	99	252	25	40		56	29					41
	71	59	51	109	28,812	160	30	24		14	426				25	42
	299	113	8	151	173	38,285	33	34		43	241				29	43
	8	3		110	16	29		1		12	48				28	44
	106	1		61	29	80		66	11,824		20					45
	111			94	6	267		293	78	17,282	30					46
	17			25	11	18		7		48	6,149					47
	60	7		36	42	152	11	55		33	28					48
	29	6	2	75	16	47	11	16		20	41					49
	61	81		139	48	429	172	31		69	32					50
	23	30	2	21	11	48	52	6		8	8					51
	2			48	62	114		12		12	12					52
	7	76	6	95	9	86		13		1	22					53
	26	113		19	9	39	138	6		22	50				18,067	54
	28	12	19	110	107	24		15			1					55
	56	110		35	60	79				14	18					56
	14	137		25	4	119				7	9					57
	20	48		47	4	38	13				54					58
	16	334		1	7	7				(*)						59
	432	202	4	147	1,097	238	224	69		66	201					60
	10	7		99	119	162	359	17		58	62					61
	2	27		118	8	31	74	47		10	41					62
		3	7	38	18	110		13		15	24					63
	7	24	1	4	15	12	24				20					64
				19	32	75		5			21					65
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66,205	54,405	12,257	39,113	31,222	43,799	15,184	12,380	18,291	6,823	19,466	13,965	24,132	16,977	60,025	19,291	T

Table 2.—The Make of Commodities

[Millions of dollars]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
		53	54	55	56	57	58	59	60	61
1	Livestock and livestock products.....									
2	Other agricultural products.....									
3	Forestry and fishery products.....									
4	Agricultural, forestry, and fishery services.....									
5	Iron and ferroalloy ores mining.....									
6	Nonferrous metal ores mining.....									
7	Coal mining.....									
8	Crude petroleum and natural gas.....									
9	Stone and clay mining and quarrying.....									
10	Chemical and fertilizer mineral mining.....									
11	New construction.....									
12	Repair and maintenance construction.....									
13	Ordnance and accessories.....	42	1	2	902	15	1	102	988	137
14	Food and kindred products.....		5							
15	Tobacco manufactures.....									
16	Broad and narrow fabrics, yarn and thread mills.....									
17	Miscellaneous textile goods and floor coverings.....	1				9		4		
18	Apparel.....					3				
19	Miscellaneous fabricated textile products.....			(*)				8	1	2
20	Lumber and wood products, except containers.....		3	1	15	3		20		13
21	Wood containers.....									
22	Household furniture.....		50	3	6	11		5		
23	Other furniture and fixtures.....		3	2	14		4	9	15	3
24	Paper and allied products, except containers.....	3		2	16	212	6	14		
25	Paperboard containers and boxes.....									
26	Printing and publishing.....				28					
27	Chemicals and selected chemical products.....	4			19	128	71		20	2
28	Plastics and synthetic materials.....									
29	Drugs, cleaning and toilet preparations.....		5		10		43			
30	Paints and allied products.....	1								
31	Petroleum refining and related industries.....									
32	Rubber and miscellaneous plastics products.....	16	21	26	12	55	10	92	46	26
33	Leather tanning and finishing.....							4		
34	Footwear and other leather products.....							1	1	
35	Glass and glass products.....	6	12	14	12			32		
36	Stone and clay products.....	17		42	40		7	15	19	4
37	Primary iron and steel manufacturing.....	17		91		32		252		5
38	Primary nonferrous metals manufacturing.....	50	3	22	18	27	60	186	16	6
39	Metal containers.....			2				9		
40	Heating, plumbing, and fabricated structural metal products.....	59	85	27	31	9	33	106	48	45
41	Screw machine products and stampings.....	46	178	26		28	37	71	16	27
42	Other fabricated metal products.....	96	26	41		27	28	54	42	22
43	Engines and turbines.....	539	13		20			238	77	6
44	Farm and garden machinery.....	4	13	8	9			38	21	46
45	Construction and mining machinery.....	42			31			139	3	30
46	Materials handling machinery and equipment.....	13			8		2	55	6	13
47	Metalworking machinery and equipment.....	39	7	9	12	31	1	68	34	3
48	Special industry machinery and equipment.....	10	8	3	7	6	3	29	2	33
49	General industrial machinery equipment.....	96	52	35	12	80	7	233	33	43
50	Miscellaneous machinery, except electrical.....	10	7	6	8	13	34	422	44	2
51	Office, computing, and accounting machines.....	123	23	34	105	1,829	56		60	31
52	Service industry machines.....	14	330	15	21	16	42	689		5
53	Electric industrial equipment and apparatus.....	29,783	25	177	184	480	44	61	17	3
54	Household appliances.....	48	14,723	11	41		32	42	29	
55	Electric lighting and wiring equipment.....	182		13,313	134	196	56	145		7
56	Radio, TV, and communication equipment.....	464	10	69	64,524	1,242	13	103	91	5
57	Electronic components and accessories.....	148	12	166	424	42,523	95	40	48	
58	Miscellaneous electrical machinery and supplies.....	135	2	51	54	87	15,407	399	30	
59	Motor vehicles and equipment.....	214	75	116	5		380	173,285	149	109
60	Aircraft and parts.....	105		77	410	174		76	62,679	162
61	Other transportation equipment.....	91	1	4	3	19		221	30	27,934
62	Scientific and controlling instruments.....	206	31	57	232	137	47	114	42	5
63	Optical, ophthalmic, and photographic equipment.....	26	11	156	167	107	26	17	52	
64	Miscellaneous manufacturing.....	1	6	13	32	15	7	5	10	19
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.....									
80	Government industry.....									
81	Rest of the world industry.....									
82	Household industry.....									
83	Inventory valuation adjustment.....									
84										
85										
T	Total commodity output.....	32,648	15,741	14,625	67,590	47,538	16,551	177,401	64,668	28,744

* Less than \$500,000.

by Industries, 1984—Continued

at producers' prices]

Scientific and controlling instruments	Optical, ophthalmic, and photo- graphic equipment	Miscel- laneous manufac- turing	Transpor- tation and ware- housing	Communi- cations, except radio and TV	Radio and TV broad- casting	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	Automobile repair and services	Amuse- ments	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	
			20											113		1
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26,209	23,213	26,951	232,847	101,621	1,510	303,534	666,247	272,525	590,010	84,534	400,312	167,913	81,161	52,645	373,451	

Table 2.—The Make of Commodities by Industries, 1984—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.....								81,646
2	Other agricultural products.....								97,603
3	Forestry and fishery products.....								7,551
4	Agricultural, forestry, and fishery services.....								15,274
5	Iron and ferroalloy ores mining.....								2,678
6	Nonferrous metal ores mining.....								3,027
7	Coal mining.....								27,531
8	Crude petroleum and natural gas.....								153,921
9	Stone and clay mining and quarrying.....								7,251
10	Chemical and fertilizer mineral mining.....								2,846
11	New construction.....								342,203
12	Repair and maintenance construction.....								134,794
13	Ordinance and accessories.....			158					23,372
14	Food and kindred products.....								294,714
15	Tobacco manufactures.....				1				23,172
16	Broad and narrow fabrics, yarn and thread mills.....								38,957
17	Miscellaneous textile goods and floor coverings.....								13,624
18	Apparel.....								56,329
19	Miscellaneous fabricated textile products.....								12,747
20	Lumber and wood products, except containers.....				5				49,414
21	Wood containers.....				1				578
22	Household furniture.....				(*)				15,407
23	Other furniture and fixtures.....				4				14,113
24	Paper and allied products, except containers.....				5				71,316
25	Paperboard containers and boxes.....				(*)				22,281
26	Printing and publishing.....				27				104,055
27	Chemicals and selected chemical products.....				5				91,219
28	Plastics and synthetic materials.....				1				35,181
29	Drugs, cleaning and toilet preparations.....				2				54,936
30	Paints and allied products.....				(*)				10,205
31	Petroleum refining and related industries.....				9				192,318
32	Rubber and miscellaneous plastics products.....								68,457
33	Leather tanning and finishing.....								1,903
34	Footwear and other leather products.....								7,288
35	Glass and glass products.....								13,434
36	Stone and clay products.....								38,852
37	Primary iron and steel manufacturing.....				5				67,964
38	Primary nonferrous metals manufacturing.....				16				54,325
39	Metal containers.....				2				12,449
40	Heating, plumbing, and fabricated structural metal products.....				28				38,839
41	Screw machine products and stampings.....				(*)				30,655
42	Other fabricated metal products.....				32				41,423
43	Engines and turbines.....				174				15,177
44	Farm and garden machinery.....								12,910
45	Construction and mining machinery.....				181				19,093
46	Materials handling machinery and equipment.....				35				6,670
47	Metalworking machinery and equipment.....				39				18,403
48	Special industry machinery and equipment.....				191				13,915
49	General industrial machinery and equipment.....				26				24,389
50	Miscellaneous machinery, except electrical.....				7				17,300
51	Office, computing, and accounting machines.....				330				59,026
52	Service industry machines.....				6				19,901
53	Electric industrial equipment and apparatus.....				58				31,964
54	Household appliances.....				6				15,813
55	Electric lighting and wiring equipment.....				(*)				14,724
56	Radio, TV, and communication equipment.....				627				69,251
57	Electronic components and accessories.....				14				46,518
58	Miscellaneous electrical machinery and supplies.....				4				16,813
59	Motor vehicles and equipment.....				14				178,128
60	Aircraft and parts.....				142				66,821
61	Other transportation equipment.....				27				28,945
62	Scientific and controlling instruments.....				290				26,278
63	Optical, ophthalmic, and photographic equipment.....				123				23,842
64	Miscellaneous manufacturing.....				33				28,281
65	Transportation and warehousing.....				19				229,764
66	Communications, except radio and TV.....								101,621
67	Radio and television broadcasting.....								20,921
68	Private electric, gas, water, and sanitary services.....								258,804
69	Wholesale and retail trade.....		115						663,993
70	Finance and insurance.....								274,716
71	Real estate and rental.....								581,377
72	Hotels, personal and repair services (except auto).....								85,148
73	Business services.....								339,596
74	Eating and drinking places.....								165,407
75	Automobile repair and services.....								80,567
76	Amusements.....								52,614
77	Health, educational, and social services and nonprofit organizations.....								373,884
78	Federal Government enterprises.....	30,570							42,218
79	State and local government enterprises.....		12,857						53,531
82	Government industry.....				379,595				379,595
83	Rest of the world industry.....					47,095			47,095
84	Household industry.....						9,240		9,240
85	Inventory valuation adjustment.....							-6,190	-6,190
T	Total commodity output.....	30,570	12,972	2,648	379,595	47,095	9,240	-6,190	6,883,910

* Less than \$500,000.

Composite Indexes of Leading, Coincident, and Lagging Indicators

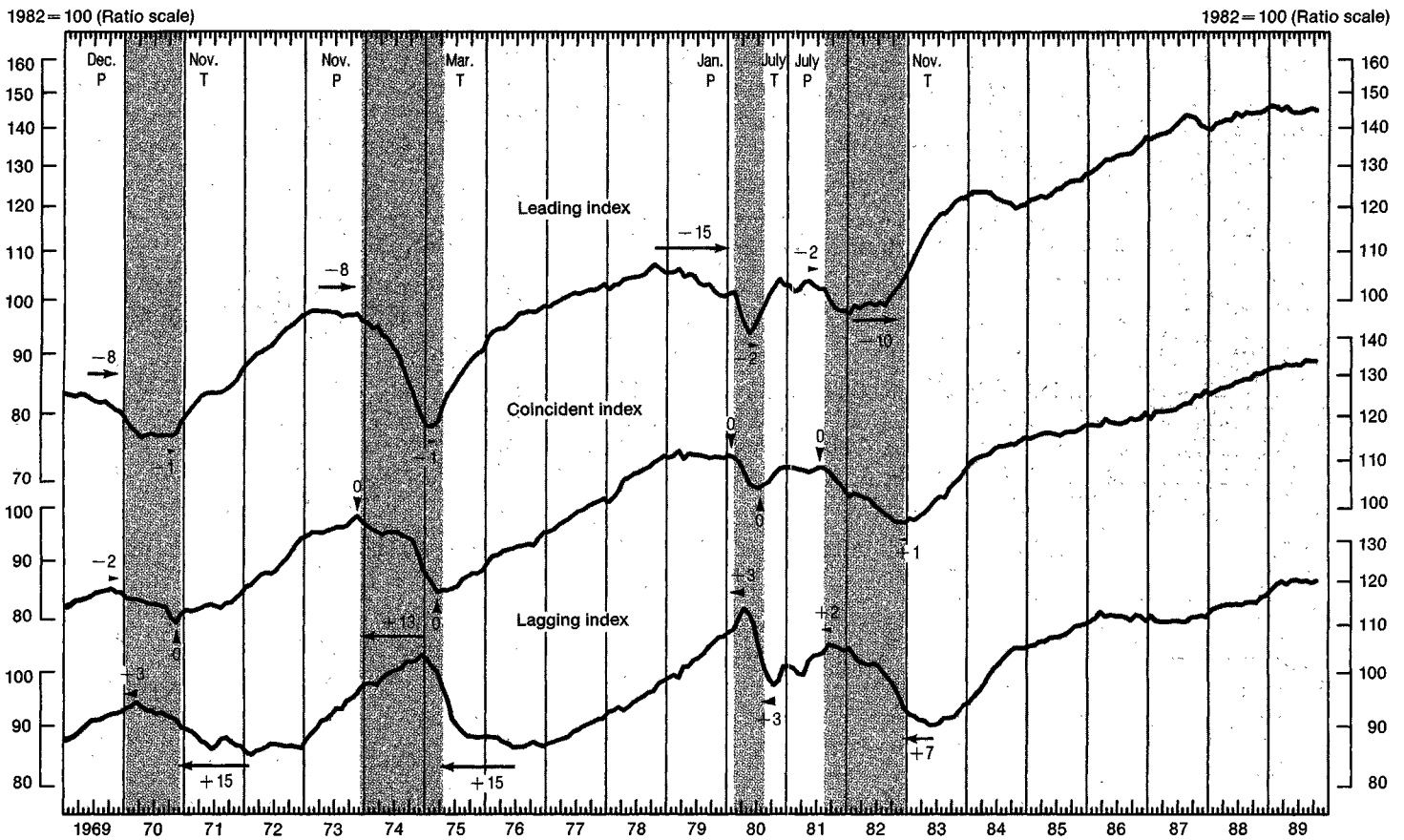
Recent Data and Percent Changes

Index	1988		1989										1988	1989		
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.*	IV	I	II	III
Index (1982=100)																
Leading index	144.1	145.1	146.0	145.6	144.7	145.8	144.2	144.0	144.0	* 144.8	* 145.2	144.6	144.4	145.4	144.7	* 144.7
Coincident index	130.3	131.1	131.8	132.0	132.0	132.8	132.5	132.8	132.6	133.9	* 133.7	133.7	130.6	131.9	132.7	* 133.4
Lagging index	116.4	116.8	118.1	119.3	120.1	119.3	120.3	120.5	120.0	* 120.2	119.7	120.2	116.1	119.2	120.0	120.0
Percent change from preceding month (quarter)																
Leading index .....	.1	.7	.6	-.3	-.6	.8	-1.1	-.1	0	*.6	*.3	-.4	.6	.7	-.5	*0
Coincident index	-.1	.6	.5	.2	0	.6	-.2	.2	-.2	1.0	*-.1	0	1.3	1.0	.6	*.5
Lagging index	1.2	.3	1.1	1.0	.7	-.7	.8	.2	-.4	*.2	*-.4	.4	1.0	2.7	.7	0

* Preliminary.
* Revised.

NOTE.—Quarterly data are averages of monthly figures. Quarterly percent changes are computed from quarterly data.

Long -Term Perspective: January 1969 to October 1989

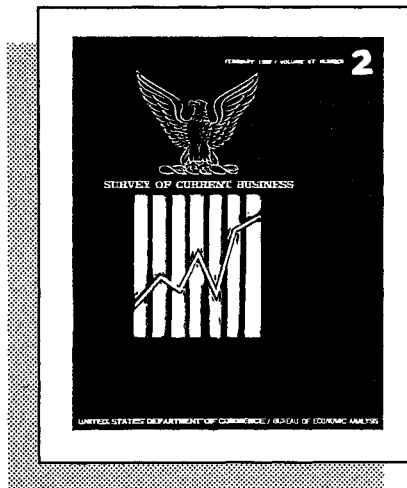


Note.—Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expansion. Business cycle peaks and troughs are designated by the National Bureau of Economic

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

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

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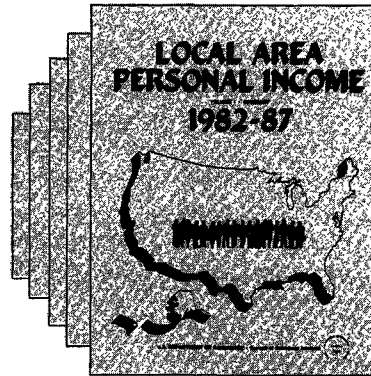
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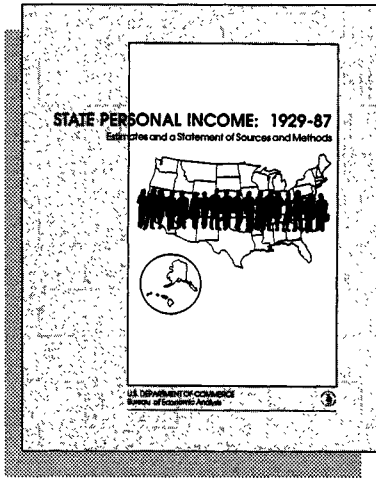
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GENERAL BUSINESS INDICATORS—Continued

Main data table with columns for units, 1987, 1988, 1988 (months), and 1989 (months). Rows include categories like Shipments (seas. adj.), Inventories, and Orders, subdivided into market and industry groups.

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 (1987, 1988), 1988 (Sept, Oct, Nov, Dec), and 1989 (Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct). Section: CONSTRUCTION AND REAL ESTATE—Continued. Rows include REAL ESTATE diamond, Mortgage applications for new home construction, Home mortgages insured or guaranteed by Fed. Hous. Adm., Federal Home Loan Banks, New mortgage loans of SAIF-insured institutions, etc.

Table with columns for Units, Annual (1987, 1988), 1988 (Sept, Oct, Nov, Dec), and 1989 (Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct). Section: DOMESTIC TRADE. Sub-sections: ADVERTISING (Magazine, Newspaper), WHOLESALE TRADE (Merchant, Retail), RETAIL TRADE (Durable goods, Non-durable goods, etc.).

See footnotes at end of tables.

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
EMPLOYMENT §—Continued																
Seasonally Adjusted																
Production or nonsupervisory workers—Continued																
Nondurable goods.....thous..	5,531	5,619	5,610	5,634	5,648	5,655	5,665	5,677	5,693	5,686	5,691	5,694	5,713	5,705	5,690	5,698
Food and kindred products.....do..	1,148	1,163	1,156	1,169	1,173	1,172	1,175	1,177	1,182	1,184	1,184	1,190	1,205	1,197	1,205	1,207
Tobacco manufactures.....do..	42	42	40	41	42	42	41	41	41	41	40	38	39	39	38	38
Textile mill products.....do..	630	632	629	629	628	628	630	630	630	630	630	630	631	627	624	627
Apparel and other textile products.....do..	923	919	912	912	916	919	922	926	930	927	925	922	922	922	915	911
Paper and allied products.....do..	516	524	523	524	525	525	524	524	525	524	525	525	528	528	528	528
Printing and publishing.....do..	841	874	878	881	883	886	887	888	891	889	891	892	893	894	892	893
Chemicals and allied products.....do..	575	596	600	602	602	604	607	608	610	609	614	616	617	614	614	617
Petroleum and coal products.....do..	107	105	106	106	106	105	104	105	105	105	106	107	107	107	107	107
Rubber and plastics products, nec.....do..	629	646	647	652	655	656	656	659	660	660	660	656	657	658	654	655
Leather and leather products.....do..	120	119	119	118	118	118	119	119	119	119	118	118	117	116	115	115
Service-producing.....do..	51,618	53,637	54,012	54,156	54,344	54,531	54,709	54,901	55,049	55,151	55,257	55,533	55,623	55,670	55,800	55,909
Transportation and public utilities.....do..	4,455	4,610	4,635	4,653	4,671	4,691	4,704	4,718	4,718	4,735	4,752	4,763	4,779	4,665	4,752	4,780
Wholesale trade.....do..	4,682	4,854	4,890	4,903	4,917	4,931	4,948	4,970	4,990	4,996	5,007	5,016	5,021	5,038	5,036	5,050
Retail trade.....do..	16,431	16,936	16,997	17,017	17,066	17,106	17,171	17,215	17,244	17,235	17,280	17,317	17,338	17,338	17,387	17,388
Finance, insurance, and real estate.....do..	4,808	4,849	4,858	4,866	4,873	4,879	4,886	4,893	4,900	4,902	4,918	4,933	4,944	4,954	4,967	4,971
Services.....do..	21,242	22,389	22,632	22,717	22,817	22,924	23,000	23,105	23,197	23,283	23,300	23,504	23,541	23,625	23,658	23,740
AVERAGE HOURS PER WEEK §																
Seasonally Adjusted																
Avg. weekly hours per worker on private nonag. payrolls: ⚡																
Not seasonally adjusted.....hours..	34.8	34.7	34.8	34.9	34.7	34.9	34.5	34.3	34.4	34.8	34.5	34.8	35.1	34.9	34.8	34.9
Seasonally adjusted.....do..			34.7	34.8	34.7	34.8	34.8	34.6	34.7	34.9	34.6	34.6	34.8	34.6	34.7	34.8
Mining ⚡.....do..	42.4	42.3	42.2	42.6	41.9	42.8	42.2	41.7	42.0	42.8	42.0	42.6	42.5	43.2	43.9	44.6
Construction ⚡.....do..	37.8	37.9	38.4	39.1	37.8	37.3	36.5	36.2	37.4	37.9	37.7	38.0	38.9	39.0	38.6	39.2
Manufacturing:.....do..																
Not seasonally adjusted.....do..	41.0	41.1	41.3	41.3	41.5	41.7	41.0	40.8	41.0	41.0	41.0	41.1	40.5	40.8	41.2	41.0
Seasonally adjusted.....do..			41.1	41.2	41.2	41.0	41.1	41.1	41.0	41.3	40.9	41.0	41.0	41.0	41.1	41.1
Overtime hours.....do..	3.7	3.9	3.9	4.0	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.8	3.9	3.8	3.8	3.8
Durable goods.....do..	41.5	41.8	41.9	41.9	41.9	41.9	41.8	41.7	41.9	41.5	41.5	41.5	41.5	41.6	41.6	41.4
Overtime hours.....do..	3.8	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.1	3.9	3.9	4.0	3.9	3.9	3.8
Lumber and wood products.....do..	40.6	40.3	40.1	40.7	40.3	40.3	40.3	39.6	40.0	39.7	39.8	39.6	40.2	40.2	40.2	40.4
Furniture and fixtures.....do..	40.0	39.4	39.6	39.4	39.5	39.4	39.8	39.7	39.8	39.9	39.4	39.4	39.5	39.6	39.6	39.4
Stone, clay, and glass products.....do..	42.3	42.3	42.3	42.5	42.6	42.4	42.5	42.2	42.2	42.5	41.9	42.2	42.3	42.5	42.2	42.3
Primary metal industries.....do..	43.1	43.6	43.9	43.7	43.7	43.5	43.6	43.4	43.5	43.3	43.2	43.3	43.0	42.9	42.8	42.7
Fabricated metal products.....do..	41.6	41.9	42.0	41.9	42.1	41.8	41.9	41.9	41.8	41.9	41.7	41.5	41.5	41.5	41.7	41.7
Machinery, except electrical...do..	42.2	42.6	42.7	42.7	42.5	42.5	42.5	42.6	42.5	42.7	42.5	42.5	42.4	42.2	42.3	42.0
Electric and electronic equip.....do..	40.9	41.0	40.9	41.0	41.0	40.8	40.9	40.9	40.6	41.0	40.7	40.7	40.6	40.9	41.1	41.0
Transportation equipment.....do..	42.0	42.7	43.0	43.1	43.1	42.8	42.8	43.1	43.1	42.8	42.5	42.5	42.6	42.7	42.8	43.1
Instruments and related products.....do..	41.4	41.5	41.6	41.8	41.6	41.1	41.5	41.1	41.1	41.5	41.1	41.3	41.4	41.1	41.0	41.1
Miscellaneous manufacturing.....do..	39.4	39.2	39.2	39.1	39.3	39.0	39.4	39.5	39.5	39.5	39.6	39.4	39.3	39.4	39.0	39.0
Nondurable goods.....do..	40.2	40.1	40.2	40.2	40.2	40.0	40.1	40.2	40.1	40.4	40.2	40.3	40.2	40.2	40.3	40.1
Overtime hours.....do..	3.6	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.8	3.8	3.7	3.6	3.8	3.6	3.7	3.7
Food and kindred products.....do..	40.2	40.3	40.3	40.4	40.6	40.2	40.1	40.3	40.4	40.7	40.5	40.7	41.0	40.8	41.1	40.8
Tobacco manufactures ⚡.....do..	39.0	39.8	41.2	41.3	40.3	39.9	38.0	37.8	36.3	38.1	39.5	40.1	37.9	37.3	40.1	40.9
Textile mill products.....do..	41.8	41.1	41.0	41.0	41.0	40.5	40.9	40.8	41.1	41.4	41.4	41.4	41.2	41.0	40.7	40.6
Apparel and other textile products.....do..	37.0	37.0	37.1	36.9	37.0	36.8	37.0	37.1	36.9	37.6	37.1	37.1	37.0	37.0	37.0	36.9
Paper and allied products.....do..	43.4	43.2	43.2	43.2	43.1	43.2	43.1	43.2	43.3	43.4	43.3	43.3	43.2	43.5	43.2	43.3
Printing and publishing.....do..	38.0	38.0	38.1	38.0	37.9	37.8	38.0	37.9	37.9	37.9	38.0	37.8	37.6	37.7	37.9	37.6
Chemicals and allied products.....do..	42.3	42.3	42.3	42.5	42.3	42.3	42.3	42.3	42.3	42.6	42.1	42.5	42.5	42.4	42.5	42.2
Petroleum and coal products ⚡.....do..	44.0	44.4	44.8	44.7	44.2	44.3	43.5	44.0	43.2	44.3	43.9	44.6	44.3	43.7	44.5	44.2
Rubber and plastics products, nec.....do..	41.6	41.7	41.7	41.6	41.7	41.4	41.7	41.7	41.6	41.6	41.5	41.5	41.4	41.5	41.6	41.5
Leather and leather products.....do..	38.2	37.5	37.5	37.8	37.3	37.7	38.0	38.6	38.0	38.3	37.4	37.9	37.7	38.1	38.2	37.7
Transportation and public utilities.....do..	39.2	39.3	39.4	39.4	39.3	39.4	39.6	39.4	39.4	39.4	39.5	39.4	39.4	39.0	39.4	39.7
Wholesale trade.....do..	38.1	38.1	38.1	38.1	38.0	38.1	38.1	38.1	38.1	38.3	37.9	38.0	38.1	38.0	38.1	38.2
Retail trade.....do..	29.2	29.1	29.2	29.0	29.1	29.1	29.1	28.9	29.1	28.9	28.9	28.9	29.2	28.8	28.8	29.0
Finance, insurance, and real estate.....do..	36.3	35.9	35.8	36.0	35.7	35.8	36.1	35.8	35.8	36.3	35.6	35.8	36.3	35.8	35.7	36.2
Services.....do..	32.5	32.6	32.6	32.7	32.5	32.7	32.7	32.5	32.6	32.8	32.5	32.5	32.8	32.6	32.7	32.8
AGGREGATE EMPLOYEE-HOURS §																
Seasonally Adjusted																
Employee-hours, wage & salary workers in non-agric. establish. for 1 week in the month, seas adj. at annual rate.....bil. hours..	189.93	196.51	197.53	198.76	198.14	199.16	200.31	200.32	200.33	202.10	200.85	201.37	202.54	201.67	202.79	203.93
Total private sector.....do..	156.32	161.73	162.42	163.58	163.57	164.08	164.99	164.72	165.01	166.62	165.17	165.96	167.18	166.29	166.61	167.67
Mining.....do..	1.58	1.58	1.58	1.58	1.55	1.56	1.56	1.55	1.57	1.61	1.57	1.57	1.55	1.63	1.67	1.69
Construction.....do..	9.76	10.10	10.10	10.26	10.38	10.27	10.29	10.32	10.34	10.41	10.21	10.32	10.53	10.56	10.46	10.60
Manufacturing.....do..	40.53	41.42	41.52	41.72	41.84	41.72	41.93	41.95	41.91	42.08	41.88	41.91	41.86	41.88	41.72	41.56
Transportation and public utilities.....do..	10.96	11.36	11.43	11.49	11.51	11.56	11.64	11.63	11.62	11.81	11.71	11.77	11.80	11.42	11.70	11.85
Wholesale trade.....do..	11.60	11.95	12.01	12.05	12.05	12.11	12.16	12.23	12.28	12.37	12.24	12.31	12.39	12.36	12.39	12.48
Retail trade.....do..	28.07	28.92	29.00	29.16	29.09	29.30	29.44	29.24	29.29	29.29	29.27	29.32	29.35	29.73	29.39	29.58
Finance, insurance, and real estate.....do..	12.37	12.50	12.48	12.59	12.51	12.58	12.69	12.61	12.62	12.79	12.59	12.71	12.88	12.75	12.72	12.94
Services.....do..	41.45	43.90	44.31	44.73	44.65	44.97	45.28	45.20	45.38	46.09	45.65	46.04	46.44	46.30	46.49	46.98
Government.....do..	33.61	34.78	35.11	35.18	34.57	35.08	35.32	35.60	35.32	35.49	35.68	35.41	35.36	35.		

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued															
HOURLY AND WEEKLY EARNINGS \$																
Average hourly earnings per worker: ◊																
Not seasonally adjusted:																
Private nonagric. payrolls.....dollars..	8.98	9.29	9.40	9.45	9.46	9.46	9.54	9.55	9.56	9.62	9.59	9.58	9.63	*9.61	*9.77	*9.88
Mining.....do.....	12.54	12.75	12.82	12.79	12.89	13.08	13.20	13.22	13.15	13.19	13.13	13.03	12.95	*13.11	*13.17	*13.14
Construction.....do.....	12.71	13.01	13.16	13.17	13.08	13.19	13.26	13.21	13.26	13.30	13.28	13.24	13.33	*13.33	*13.47	*13.51
Manufacturing.....do.....	9.91	10.18	10.25	10.25	10.31	10.37	10.37	10.38	10.41	10.41	10.42	10.44	10.47	*10.44	*10.55	*10.65
Excluding overtime.....do.....	9.48	9.72	9.75	9.76	9.82	9.88	9.91	9.92	9.94	9.95	9.98	9.98	10.02	*9.97	*10.05	*10.05
Durable goods.....do.....	10.44	10.71	10.78	10.79	10.85	10.90	10.90	10.91	10.93	10.93	10.94	10.98	10.99	*11.00	*11.08	*11.08
Excluding overtime.....do.....	9.98	10.21	10.25	10.26	10.32	10.36	10.40	10.41	10.43	10.44	10.47	10.49	10.52	*10.49	*10.58	*10.57
Lumber and wood products.....do.....	8.40	8.61	8.69	8.77	8.69	8.76	8.71	8.69	8.65	8.76	8.79	8.85	8.92	*8.98	*8.97	*9.00
Furniture and fixtures.....do.....	7.67	7.94	8.09	8.06	8.02	8.06	8.10	8.08	8.13	8.12	8.16	8.23	8.26	*8.29	*8.40	*8.39
Stone, clay, and glass products.....do.....	10.25	10.47	10.55	10.57	10.60	10.57	10.59	10.62	10.62	10.71	10.69	10.73	10.75	*10.77	*10.79	*10.84
Primary metal industries.....do.....	11.94	12.15	12.24	12.19	12.22	12.26	12.27	12.27	12.27	12.26	12.25	12.32	12.40	*12.36	*12.45	*12.50
Fabricated metal products.....do.....	10.00	10.26	10.34	10.34	10.36	10.44	10.45	10.46	10.47	10.48	10.49	10.51	10.53	*10.50	*10.64	*10.59
Machinery, except electrical.....do.....	10.72	11.01	11.09	11.11	11.22	11.24	11.21	11.23	11.25	11.26	11.29	11.32	11.35	*11.32	*11.41	*11.44
Electric and electronic equip.....do.....	9.88	10.13	10.19	10.16	10.24	10.29	10.27	10.26	10.30	10.31	10.33	10.37	10.41	*10.40	*10.48	*10.47
Transportation equipment.....do.....	12.94	13.31	13.44	13.45	13.56	13.59	13.58	13.59	13.65	13.60	13.58	13.65	13.61	*13.70	*13.89	*13.86
Instruments and related products.....do.....	9.72	9.98	9.99	10.08	10.07	10.13	10.12	10.14	10.17	10.17	10.17	10.25	10.31	*10.29	*10.31	*10.35
Miscellaneous manufacturing.....do.....	7.76	8.01	8.01	8.10	8.12	8.20	8.22	8.23	8.23	8.21	8.24	8.29	8.29	*8.20	*8.39	*8.42
Nondurable goods.....do.....	9.18	9.43	9.50	9.49	9.54	9.61	9.62	9.62	9.66	9.65	9.68	9.70	9.77	9.71	9.80	*9.80
Excluding overtime.....do.....	8.78	9.02	9.05	9.05	9.11	9.18	9.22	9.24	9.25	9.28	9.28	9.34	9.34	*9.27	*9.32	*9.35
Food and kindred products.....do.....	8.93	9.10	9.11	9.03	9.15	9.25	9.27	9.26	9.33	9.32	9.34	9.37	9.35	*9.28	*9.31	*9.33
Tobacco manufactures.....do.....	14.07	14.68	14.09	14.01	14.56	14.31	14.39	14.75	15.34	15.87	16.13	16.48	16.34	*15.72	*14.76	*15.28
Textile mill products.....do.....	7.17	7.37	7.43	7.45	7.47	7.52	7.60	7.59	7.59	7.60	7.62	7.65	7.66	*7.69	7.76	*7.77
Apparel and other textile products.....do.....	5.94	6.12	6.21	6.22	6.25	6.29	6.32	6.32	6.34	6.32	6.32	6.33	6.28	6.32	*6.41	*6.40
Paper and allied products.....do.....	11.43	11.65	11.72	11.68	11.74	11.81	11.78	11.80	11.84	11.83	11.89	11.91	12.04	*11.90	*11.99	*11.93
Printing and publishing.....do.....	10.28	10.52	10.70	10.68	10.67	10.70	10.73	10.74	10.79	10.73	10.76	10.75	10.83	*10.89	*11.05	*11.06
Chemicals and allied products.....do.....	12.37	12.67	12.75	12.78	12.86	12.90	12.85	12.88	12.91	12.92	12.98	12.98	13.12	*13.08	*13.18	*13.21
Petroleum and coal products.....do.....	14.58	14.98	15.01	15.14	15.18	15.21	15.24	15.45	15.46	15.50	15.34	15.28	15.94	*15.23	*15.50	*15.69
Rubber and plastics products, nec.....do.....	8.92	9.14	9.22	9.23	9.26	9.31	9.32	9.31	9.33	9.35	9.40	9.41	9.45	9.44	*9.48	*9.47
Leather and leather products.....do.....	6.08	6.27	6.30	6.33	6.41	6.44	6.45	6.49	6.54	6.55	6.58	6.59	6.54	*6.53	6.60	*6.62
Transportation and public utilities.....do.....	12.03	12.32	12.40	12.42	12.46	12.42	12.47	12.50	12.48	12.51	12.49	12.48	12.58	*12.56	*12.69	*12.77
Wholesale trade.....do.....	9.60	9.94	10.04	10.10	10.07	10.14	10.23	10.29	10.21	10.36	10.28	10.31	10.40	10.35	*10.46	*10.52
Retail trade.....do.....	6.12	6.31	6.38	6.39	6.43	6.43	6.48	6.47	6.48	6.52	6.49	6.49	6.49	*6.50	6.61	*6.63
Finance, insurance, and real estate.....do.....	8.73	9.09	9.14	9.29	9.27	9.32	9.46	9.47	9.43	9.59	9.48	9.48	9.59	*9.50	*9.62	*9.77
Services.....do.....	8.49	8.91	9.00	9.09	9.11	9.16	9.25	9.28	9.29	9.34	9.30	9.26	9.33	9.29	*9.49	*9.60
Seasonally adjusted:																
Private nonagricultural payrolls.....dollars..	8.98	9.29	9.37	9.43	9.42	9.45	9.49	9.52	9.54	9.61	9.60	9.62	9.69	*9.69	*9.74	*9.81
Mining.....do.....	12.54	12.75	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Construction.....do.....	12.71	13.01	13.07	13.08	13.10	13.15	13.18	13.22	13.26	13.33	13.32	13.32	13.42	*13.37	*13.38	*13.43
Manufacturing.....do.....	9.91	10.18	10.25	10.29	10.30	10.31	10.33	10.37	10.40	10.40	10.42	10.45	10.45	*10.52	*10.55	*10.57
Transportation and public utilities.....do.....	12.03	12.32	12.37	12.41	12.39	12.36	12.45	12.48	12.50	12.52	12.54	12.54	12.61	*12.57	*12.66	*12.76
Wholesale trade.....do.....	9.60	9.94	10.03	10.14	10.16	10.19	10.18	10.21	10.36	10.28	10.33	10.44	10.39	*10.46	*10.56	*10.66
Retail trade.....do.....	6.12	6.31	6.36	6.38	6.40	6.43	6.44	6.45	6.47	6.51	6.49	6.52	6.54	*6.57	6.58	*6.62
Finance, insurance, and real estate.....do.....	8.73	9.09	9.18	9.35	9.26	9.35	9.40	9.35	9.54	9.45	9.53	9.68	9.68	*9.57	*9.66	*9.83
Services.....do.....	8.49	8.91	9.00	9.07	9.05	9.10	9.15	9.19	9.24	9.32	9.33	9.34	9.46	9.43	*9.49	*9.59
Indexes of avg. hourly earnings, seas. adj: ◊																
Private nonfarm economy:																
Current dollars.....1977=100..	179.5	179.0	180.3	181.5	181.4	181.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
1977 dollars.....	94.0	93.3	93.0	93.1	92.9	92.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Mining.....do.....	182.2	185.5	186.6	186.5	187.1	187.3	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Construction.....do.....	154.9	158.3	159.3	159.2	159.3	159.9	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Manufacturing.....do.....	174.9	178.8	180.0	180.5	180.7	180.9	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Transportation and public utilities.....do.....	176.1	181.1	182.0	183.1	182.9	182.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Wholesale trade.....do.....	177.1	182.7	184.5	186.0	185.1	186.6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Retail trade.....do.....	160.9	165.9	167.1	168.4	168.9	168.2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Finance, insurance, and real estate.....do.....	187.5	195.7	197.0	200.2	199.5	200.2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Services.....do.....	181.1	189.8	191.9	194.0	193.3	193.9	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Hourly wages, not seasonally adjusted:																
Construction wages, 20 cities (ENR): \$\$																
Common labor.....do.....\$ per hr..	16.86	17.33	17.42	17.55	17.60	17.62	17.63	17.64	17.64	17.64	17.64	17.74	17.74	17.74	17.98	17.93
Skilled labor.....do.....do.....	22.12	22.67	22.80	22.89	22.94	22.99	23.02	23.05	23.05	23.05	23.05	23.12	23.12	23.12	23.15	23.57
Railroad wages (average, class D).....do.....	14.25	15.00	15.03	14.91	15.11	15.28	15.30	15.59	15.25	15.33	15.29	15.35	15.45	*16.07	16.07	.....
Avg. weekly earnings per worker, private nonfarm: ◊																
Current dollars, seasonally adjusted.....	312.50	322.36	325.14	328.16	326.87	327.92	330.25	329.39	331.04	335.39	332.16	332.85	337.21	*335.27	*337.98	*341.39
1977 dollars, seasonally adjusted \$.....	169.28	167.81	167.68	168.55	167.28	167.39	167.55	166.44	166.44	167.53	165.01	165.10	166.85	*165.89	*166.90	*167.84
Current dollars, not seasonally adjusted:																
Private nonfarm, total.....dollars..	312.50	322.36	327.12	329.81	328.26	330.15	329.13	327.57	328.86	334.78	330.86	333.98	338.01	*335.39	*340.00	*343.07
Mining.....do.....	531.70	539.39	541.00	544.85	540.09	557.68	557.04	551.27	552.30	564.53	551.46	555.08	550.38	*566.35	*578.16	*586.04
Construction.....do.....	450.44	493.08	505.34	514.95	494.42	491.99										

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
WORK STOPPAGES																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year.....number..	46	40	2	3	1	0	3	0	2	4	7	0	8	7	6	4
Workers involved in stoppages:																
Beginning in month or year.....thous..	174	118	4	9	2	0	7	0	30	7	55	0	145	204	14	60
Days idle during month or year.....do....	4,456	4,364	510	293	78	52	153	138	950	1,064	1,227	938	1,364	3,717	1,909	3,098
UNEMPLOYMENT INSURANCE *																
State programs:																
Initial claims.....thous..	16,795	15,919	1,031	1,107	1,277	1,633	1,949	1,319	1,363	1,109	1,209	1,311	1,556	1,265	1,081	
Average weekly insured unemployment.....do..	2,265	2,048	1,655	1,602	1,686	1,824	2,647	2,618	2,520	2,246	1,963	1,855	2,055	2,051	1,774	
Rate of insured unemployment @.....percent..	2.4	2.1	1.7	1.6	1.8	2.1	2.6	2.6	2.5	2.1	1.9	1.9	2.1	2.1		
Total benefits paid.....mil. \$.	14,175	13,070	876	784	943	1,085	1,411	1,252	1,529	1,141	1,127	1,204	976	1,104	884	
Weeks of unemployment compensated.....thous..	103,895	92,919	6,313	5,710	6,748	7,638	9,875	8,722	10,474	7,882	7,727	6,614	6,794	8,391	6,068	
Average weekly benefit.....dollars..	146.23	145.86	143.84	144.26	136.07	147.19	148.36	148.28	151.06	149.83	179.30	162.81	148.61	148.00	150.59	
Federal civilian employees unemployment insurance (UCFE):																
Initial claims.....thous..	117.8	121.4	8.9	10.9	9.5	9.5	12.2	8.0	7.9	8.1	8.9	10.7	12.4	9.0	7.8	
Average weekly insured unemployment.....do..	21.2	22.3	21.6	22.8	23.8	22.5	27.4	25.8	22.9	20.0	18.0	18.3	21.5	23.5	20.6	
Total benefits paid.....mil. \$.	181.7	148.1	11.3	11.5	13.4	13.1	15.2	13.3	14.4	10.4	10.3	9.7	10.1	12.5	9.9	
Weeks of unemployment compensated.....thous..	1,002.1	1,043.6	84.9	86.1	97.8	95.2	106.9	91.1	98.1	72.0	71.6	69.0	72.1	91.3	73.7	
Average weekly benefit.....dollars..	131.43	137.09	133.07	133.95	137.35	137.94	142.19	145.54	147.02	144.22	144.33	140.33	140.49	136.30	133.34	
Veterans unemployment insurance (UCX):																
Initial claims.....thous..	140.0	141.7	8.3	8.5	9.4	9.9	11.3	9.1	10.8	9.0	9.2	8.8	9.1	10.1	8.9	
Average weekly insured unemployment.....do..	17.8	18.1	14.3	12.5	12.3	12.3	16.7	16.5	15.6	15.0	14.3	14.0	14.1	14.8	13.8	
Total benefits paid.....mil. \$.	121.0	123.1	8.3	6.7	7.0	7.5	9.4	8.3	9.6	7.9	8.8	7.8	7.4	8.4	7.1	
Weeks of unemployment compensated.....thous..	794.9	787.6	53.2	42.8	44.1	47.6	59.2	52.2	60.4	49.4	54.0	48.4	45.2	51.6	43.3	
Average weekly benefit.....dollars..	152.26	156.27	155.64	156.83	159.26	158.32	159.05	158.44	158.66	159.00	162.38	161.80	163.53	163.29	164.27	

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$.	70,565	66,631	63,452	62,253	65,961	66,631	62,212	62,933	62,458	64,357	62,396	64,115	65,588	65,764	64,042	
Commercial and financial company paper, total.....do..	*373,586	451,762	425,104	429,549	442,396	451,762	468,690	*487,007	486,783	498,606	501,589	504,371	503,095	513,786	511,565	
Financial companies.....do..	*287,274	354,127	332,630	332,513	344,544	354,127	362,469	*377,749	377,094	379,647	378,388	380,375	381,029	388,985	385,675	
Dealer placed.....do..	*115,034	161,535	151,039	147,759	151,581	161,535	163,718	*174,807	173,464	172,577	170,122	170,174	175,978	180,822	178,358	
Directly placed.....do..	*172,240	192,592	181,591	184,754	192,963	192,592	198,751	*202,942	203,630	207,070	208,266	210,201	205,051	208,113	207,317	
Nonfinancial companies.....do..	*86,312	97,635	92,474	97,086	97,852	97,635	106,258	*109,258	109,689	118,959	123,201	123,996	122,066	124,851	125,890	
Loans of the Farm Credit System: **																
Total, end of period.....mil. \$.	52,498	51,428	52,583			51,428			50,744		50,390					
Long-term real estate loans.....do..	34,346	32,182	33,038			32,182			31,051		30,624					
Short-term and intermediate-term loans.....do..	9,927	9,256	9,811			9,256			9,286		9,980					
Loans to cooperatives.....do..	8,225	9,990	9,734			9,990			10,408		9,787					
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$.	275,566	293,674	285,185	279,331	285,638	293,674	286,771	284,582	281,635	303,807	286,551	295,816	283,237	282,515	290,607	293,439
Reserve bank credit outstanding, total #.....do..	236,046	250,945	243,607	238,370	243,803	250,945	241,413	230,795	238,435	257,498	234,286	239,059	226,230	225,192	228,704	226,441
U.S. Government securities.....do..	3,815	2,170	2,154	2,275	2,328	2,170	863	1,602	2,454	1,952	2,033	841	594	541	598	270
Gold certificate account.....do..	11,078	11,060	11,062	11,062	11,059	11,060	11,056	11,061	11,061	11,061	11,063	11,063	11,066	11,066	11,065	11,062
Liabilities, total #.....do..	275,566	293,674	285,185	279,331	285,638	293,674	286,771	284,582	281,635	303,807	286,551	295,816	283,237	282,515	290,607	293,439
Deposits, total.....do..	48,368	48,898	52,757	46,547	45,859	48,988	48,245	44,126	42,587	61,753	39,794	50,098	40,258	39,114	46,348	46,018
Member-bank reserve balances.....do..	41,784	39,347	39,038	39,741	40,012	39,347	35,810	36,985	37,394	37,968	33,553	37,381	34,339	31,924	32,253	32,351
Federal Reserve notes in circulation.....do..	212,890	229,640	217,676	219,232	224,535	229,640	221,619	222,769	224,857	225,336	229,372	230,848	230,229	230,766	229,076	230,467
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$.	*62,123	*63,739	62,158	61,915	62,407	63,739	63,468	60,693	60,212	61,288	58,911	59,587	60,254	59,559	*60,126	60,405
Required.....do..	*61,094	*62,639	61,181	60,853	61,287	62,639	62,323	59,539	59,255	60,511	57,881	58,681	59,288	58,674	*59,188	59,384
Excess.....do..	*1,029	*1,040	972	1,062	1,119	1,040	1,145	1,154	957	776	1,031	905	966	885	*988	1,020
Borrowings from Federal Reserve banks.....do..	*777	*1,716	2,839	2,239	2,861	1,716	1,662	1,487	1,813	2,289	1,720	1,490	694	675	693	555
Free reserves †.....do..	*735	*568	192	544	580	568	529	717	478	1,294	508	332	378	251	*287	486
Large commercial banks reporting to Federal Reserve System, last Wed. of mo. ‡																
Deposits:																
Demand, total #.....mil. \$.	247,354	247,112	221,474	215,524	240,572	247,112	219,279	228,985	217,185	220,021	244,114	219,187	215,981	215,034	222,501	216,550
Individuals, partnerships, and corporations.....do..	190,551	195,301	174,232	172,596	191,557	195,301	174,977	181,031	173,682	174,716	189,983	173,820	172,343	172,097	175,734	173,248
States and political subdivisions.....do..	6,741	6,993	5,773	5,874	6,455	6,993	6,770	5,868	5,209	6,247	5,894	6,078	5,862	5,182	6,415	5,978
U.S. Government.....do..	3,258	2,711	2,070	2,610	2,949	2,711	2,531	1,709	2,983	4,649	2,678	2,516	3,046	3,084	3,113	2,262
Depository institutions in U.S.....do..	27,450	24,187	20,712	20,264	22,067	24,187	19,413	23,360	18,950	18,567	25,996	20,081	19,246	19,517	19,506	19,716
Transaction balances other than demand deposits.....do..	66,953	75,384	70,194	71,308	73,637	75,384	75,222	75,969	75,386	77,604	74,271	71,824	72,951	73,459	72,787	74,794
Nontransaction balances, total.....do..	565,156	624,038	612,061	616,575	622,745	624,038	651,187	657,494	667,737	667,428	673,096	674,735	682,063	686,827	687,094	700,138
Individuals, partnerships, and corporations.....do..	524,426	585,178	572,138	576,528	583,097	585,178	609,588	615,114	625,588	626,154	631,788	634,594	642,708	647,353	648,506	661,528
Loans and leases(adjusted),total \$.....do..	847,282	918,698	893,874	897,721	911,750	918,698	931,166	942,497	948,734	948,498	963,570	963,811	967,448	971,706	976,688	986,018
Commercial and industrial.....do..	287,385	301,013	295,230	295,998	300,222	301,013	304,520	309,355	310,400	314,548	317,429	313,436	319,341	317,064	314,783	317,857
For purchasing and carrying securities.....do..	12,496	14,090	12,901	13,008	15,420	14,090	12,605	13,620	15,134	14,102	15,640	17,023	16,360	16,280	16,699	16,948
To nonbank depository and other financial.....do..	23,927	22,858	21,305	20,969	21,761	22,858	21,198	20,435	19,728	20,064	21,426	21,810	21,813	21,815	21,590	22,424
Real estate loans.....do..	261,036	301,629	291,306	295,240	297,989	301,629	312,261	314,359	318,227	322,112	325,963	330,487	333,971	340,854	342,740	345,702
To States and political subdivisions.....do..	32,664	28,441	29,774	29,293	28,792	28,441	27,999	27,822	27,660	27,436	27,143	26,996	26,735	26,514	26,222	26,061
Other loans.....do..	229,774	250,667	243,358	243,213	247,566	250,667	252,583	256,906	257,585	250,231	255,969	254,054	249,228	249,179	254,654	257,026
Investments, total.....do..	196,170	200,806	204,193	207,145	209,156	200,806	207,976	207,938	209,135	205,775	209,890	212,393	214,014			

Units	1989																
	Annual		1988				1989										
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	
FINANCE—Continued																	
BANKING—Continued																	
Commercial bank credit, seas. adj.: \$																	
Total loans and securities ◊.....bil. \$	2,239.6	2,417.2	2,381.5	2,401.4	2,410.2	2,417.2	2,422.8	2,451.9	2,464.9	2,470.9	2,486.3	2,496.8	2,518.1	2,534.4	2,544.1	2,575.5	
U.S. Government securities .....do	335.5	361.4	353.1	355.6	358.8	361.4	360.4	361.8	368.8	370.7	373.5	373.8	374.4	376.6	378.8	391.7	
Other securities .....do	195.3	194.0	195.2	196.8	195.9	194.0	189.6	190.4	189.7	187.2	186.4	185.8	184.6	182.8	182.7		
Total loans and leases ◊.....do	1,708.8	1,861.9	1,833.2	1,848.9	1,855.6	1,861.9	1,872.9	1,899.7	1,906.5	1,913.1	1,926.5	1,937.3	1,959.1	1,974.9	1,982.4	2,001.1	
Money and interest rates:																	
Prime rate charged by banks on short-term business loans.....percent.	8.22	9.32	10.00	10.00	10.05	10.50	10.50	10.93	11.50	11.50	11.50	11.07	10.98	10.50	10.50	10.50	
Discount rate (New York Federal Reserve Bank) @ @.....do	5.66	6.20	6.50	6.50	6.50	6.50	6.50	6.59	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	
Federal intermediate credit bank loans.....do	8.54	(*)															
Home mortgage rates (conventional 1st mortgages):																	
New home purchase (U.S. avg.).....percent.	8.94	8.83	8.90	8.77	9.05	9.04	9.20	9.46	9.63	9.88	9.82	10.09	10.06	9.83	9.87	9.77	
Existing home purchase (U.S. avg.).....do	8.94	9.01	8.98	9.11	9.16	9.31	9.31	9.44	9.62	9.76	10.13	10.27	10.10	9.81	9.82	9.86	
Open market rates, New York City:																	
Bankers' acceptances, 3-month.....do	6.75	7.56	8.06	8.15	8.55	8.96	8.93	9.27	9.83	9.63	9.35	8.97	8.54	8.47	8.59	8.42	
Commercial paper, 6-month +.....do	6.85	7.68	8.23	8.24	8.55	8.97	9.02	9.35	9.97	9.78	9.29	8.80	8.35	8.32	8.50	8.24	
Finance co. paper placed directly, 6-mo.....do	6.37	7.14	7.71	7.80	7.94	8.24	8.44	8.65	9.17	9.29	8.97	8.22	7.80	7.49	7.56	7.50	
Yield on U.S. Gov. securities (taxable): 3-month bills (rate on new issue).....percent.	5.820	6.690	7.230	7.340	7.680	8.090	8.290	8.480	8.830	8.700	8.400	8.220	7.920	7.910	7.720	7.590	
CONSUMER INSTALLMENT CREDIT +																	
Not seasonally adjusted																	
Total outstanding (end of period) #.....mil. \$	618,191	671,362	651,759	653,059	659,193	671,362	684,674	682,274	682,154	687,288	692,263	697,270	699,019	706,098	708,847		
By major holder:																	
Commercial banks.....do	287,154	323,931	312,195	312,945	317,589	323,931	318,287	316,898	314,743	318,603	321,053	323,107	323,368	326,997	329,615		
Finance companies.....do	141,120	146,212	146,258	146,490	146,039	146,212	141,194	141,292	140,207	141,730	143,265	144,882	145,424	145,990	147,207		
Credit unions.....do	81,007	87,110	85,908	86,463	86,823	87,110	86,980	86,865	87,346	88,222	88,874	89,488	89,672	90,727	91,128		
Retailers.....do	45,080	47,863	41,296	41,723	43,042	47,863	42,804	41,071	40,762	40,591	40,829	40,962	40,787	41,180	41,171		
Savings institutions.....do	60,226	62,572	62,291	61,712	62,091	62,572	62,792	62,674	62,007	61,808	61,648	60,178	60,134	59,679	58,700		
Seasonally adjusted																	
Total outstanding (end of period) #.....do			646,556	649,132	654,413	659,507	682,020	687,397	691,162	693,911	698,132	700,849	700,344	703,001	703,607		
By major holder:																	
Commercial banks.....do			310,132	312,598	316,683	318,925	316,797	318,423	318,242	320,458	323,363	324,438	323,621	326,135	327,399		
Finance companies.....do			143,019	143,012	143,488	145,180	141,795	143,419	143,070	144,378	145,523	146,055	145,488	144,386	144,188		
Credit unions.....do			84,900	85,398	85,740	86,118	87,093	87,813	88,514	89,330	89,890	90,073	89,852	90,016	90,039		
Retailers.....do			42,349	42,614	42,910	43,498	40,986	41,052	41,300	41,301	41,323	41,649	41,798	41,989	42,221		
Savings institutions.....do			62,502	61,926	61,922	62,099	62,867	63,109	62,735	61,919	61,311	59,920	60,092	59,229	58,900		
By major credit type:																	
Automobile.....do			279,243	278,902	279,926	281,174	286,382	288,767	288,850	289,654	290,741	290,192	288,526	288,533	287,691		
Revolving.....do			168,273	170,131	173,030	174,792	176,716	178,570	182,831	184,500	186,502	189,622	191,028	194,398	195,153		
Mobile home.....do			26,185	26,033	26,005	25,744	26,036	25,992	24,168	23,993	23,952	23,685	23,630	22,988	22,846		
Total net change (during period) #.....do			1,890	2,576	5,281	5,094	22,513	5,376	3,765	2,749	4,221	2,717	-505	2,657	606		
By major holder:																	
Commercial banks.....do			2,777	2,456	4,095	2,242	-2,127	1,626	-181	2,216	2,905	1,075	-817	2,514	1,264		
Finance companies.....do			-973	-7	476	1,692	-3,385	1,624	-349	1,308	1,145	532	-567	-1,102	-198		
Credit unions.....do			253	438	378	378	878	975	701	816	560	133	-221	164	23		
Retailers.....do			228	265	296	588	-2,513	67	247	1	22	326	149	191	232		
Savings institutions.....do			-341	-576	-4	177	768	242	-375	-816	-608	-1,331	172	-863	-329		
By major credit type:																	
Automobile.....do			-342	-341	1,024	1,248	5,208	2,385	82	804	1,087	-549	-1,667	7	-842		
Revolving.....do			1,148	1,858	2,899	1,762	1,924	1,854	4,261	1,670	2,002	3,120	1,406	3,370	756		
Mobile home.....do			-92	-152	-28	-261	293	-44	-1,824	-174	-41	-267	-56	-692	-91		
FEDERAL GOVERNMENT FINANCE																	
Budget receipts and outlays:																	
Receipts (net).....mil. \$	'854,143	'908,166	97,742	63,582	64,320	93,729	89,306	61,897	68,205	128,892	71,025	108,249	66,191	76,161	99,233	68,426	
Outlays (net).....do	'1,003,804	'1,063,318	87,569	90,590	93,454	105,171	86,500	89,769	103,984	88,320	96,491	100,460	84,430	98,310	105,239	94,515	
Budget surplus or deficit (-).....do	'-149,661	'-155,151	10,173	-27,009	-29,134	-11,442	2,806	-27,871	-35,779	40,572	-25,466	7,789	-18,239	-22,150	-6,066	-26,089	
Budget financing, total.....do	'149,661	'155,151	-10,173	27,009	29,134	11,442	-2,806	27,871	35,779	-40,572	25,466	-7,789	18,239	22,150	6,066	26,089	
Borrowing from the public.....do	'151,717	'166,139	14,706	10,285	31,636	11,910	7,359	17,190	13,405	-1,291	10,214	1,098	-3,962	35,854	6,672	36,690	
Reduction in cash balances.....do	'-2,056	'-10,988	-24,879	16,724	-2,502	-468	-10,165	10,681	22,374	-39,231	15,252	-8,887	22,201	-13,704	-6,006	-10,601	
Gross amount of debt outstanding.....do	'2,355,206	'2,614,581	2,614,581	2,636,657	2,672,211	2,707,284	2,720,742	2,745,577	2,768,562	2,779,291	2,800,128	2,829,955	2,824,487	2,860,454	2,881,112	2,924,765	
Held by the public.....do	'1,897,761	'2,063,900	2,063,900	2,074,217	2,105,852	2,117,766	2,125,125	2,142,315	2,155,684	2,154,893	2,164,607	2,165,705	2,161,743	2,197,597	2,204,270	2,240,959	
Budget receipts by source and outlays by agency:																	
Receipts (net), total.....mil. \$	'854,143	'908,166	97,742	63,582	64,320	93,729	89,306	61,897	68,205	128,892	71,025	108,249	66,191	76,161	99,233	68,426	
Individual income taxes (net).....do	'392,557	'401,181	41,784	31,287	29,822	39,673	48,627	23,427	17,769	68,533	25,336	49,876	29,377	36,932	45,026	35,438	
Corporation income taxes (net).....do	'89,926	'94,195	20,668	1,794	1,442	22,294	3,181	907	12,744	14,689	1,926	20,878	2,042	1,963	19,430	729	
Social insurance taxes and contributions (net).....do	'303,318	'334,335	28,694	28,848	25,075	24,698	31,652	32,086	30,268	39,496	35,349	31,276	27,941	28,470	29,259	24,308	
Other.....do	'74,342	'78,454	6,607	6,653	7,981	7,063	5,846	5,479	7,423	6,173	8,414	6,215	6,832	8,794	5,518	7,896	
Outlays (net), total.....do	'1,003,804	'1,063,318	87,569	90,590	93,454	105,171	86,500	89,769	103,984	88,320	96,491	100,460	84,430	98,310	105,239	94,515	
Agriculture Department.....do	'49,593	'44,003	2,764	5,769	5,318	4,917	4,610	4,153	3,832	4,589	3,677	3,209	3,018	2,247	3,074	3,821	
Defense Department, military.....do	'273,938	'281,935	21,036	25,189	23,905	28,201	19,281	22,546	28,918	20,590	24,327	28,379	20,478	25,313	27,750	19,152	
Health and Human Services Department.....do	'351,315	'373,169	32,271	29,138	31,956	33,491	31,487	32,227	35,553	31,650	34,363	38,818	31,642	34,859	34,590	33,207	
Treasury Department.....do	'180,345	'201,644	13,045														

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
MONETARY STATISTICS																
Currency in circulation (end of period).....bil. \$..	230.2	247.7	235.5			247.7			242.9			249.2				
Money stock measures and components (averages of daily figures): †																
Measures (not seasonally adjusted):																
M1.....bil. \$..	744.2	776.0	781.0	782.1	788.3	804.4	799.0	772.3	775.1	791.3	767.1	773.8	*781.7	*777.5	*778.4	784.3
M2.....do....	2,863.2	3,009.4	3,028.5	3,038.5	3,058.0	*3,077.3	3,076.1	3,056.9	*3,071.9	3,092.4	3,062.8	3,090.8	*3,125.2	*3,137.0	*3,148.6	3,172.0
M3.....do....	3,591.9	3,819.0	3,859.1	3,875.6	3,903.2	3,925.2	3,927.7	3,917.4	3,945.5	3,964.3	3,944.7	3,974.1	*4,004.1	*4,010.0	*4,007.8	4,021.0
L (M3 plus other liquid assets).....do....	*4,243.8	4,528.6	4,583.4	4,605.2	4,643.1	4,685.6	4,692.8	4,686.3	4,721.0	4,751.8	4,734.6	*4,759.8	*4,784.2	*4,807.0	4,821.4	
Components (not seasonally adjusted):																
Currency.....do....	188.8	205.3	208.0	209.0	211.3	214.9	211.8	211.9	213.9	215.1	216.6	218.5	219.7	219.3	218.6	219.0
Demand deposits.....do....	294.3	289.0	287.4	288.7	290.0	298.8	295.5	275.7	275.8	283.2	273.3	276.4	281.5	*276.7	*275.9	280.3
Other checkable deposits ††.....do....	254.3	274.4	277.8	276.9	279.9	283.7	283.7	277.6	278.3	286.0	270.1	271.4	*272.4	*273.3	*276.2	277.7
Overnight RP's and Eurodollar deposits.....do....	*79.3	78.1	77.3	76.1	75.7	78.5	81.8	79.0	77.4	74.5	73.5	76.0	*77.6	74.9	*72.2	73.4
General purpose and broker/dealer money market funds.....do....	213.8	232.2	231.0	231.3	237.4	239.4	241.7	247.2	255.5	259.3	259.0	265.1	274.6	285.5	294.8	301.5
Money market deposit accounts.....do....	522.2	517.5	511.4	507.5	506.7	502.7	495.2	485.3	480.3	471.3	457.0	456.9	459.8	465.4	*469.1	473.2
Savings deposits.....do....	408.1	426.4	430.9	430.9	430.4	425.9	422.8	418.7	418.4	414.0	407.3	406.6	407.5	*405.1	*404.8	407.3
Small time deposits @.....do....	865.7	979.2	986.9	1,010.6	1,019.5	1,026.5	1,041.6	1,054.4	1,065.1	1,082.0	1,098.9	1,112.4	*1,124.1	*1,128.5	*1,129.4	1,132.2
Large time deposits @.....do....	461.8	512.5	529.1	535.4	537.3	539.6		552.4	560.2	564.1	569.8		569.7	568.2	*569.0	563.2
Measures (seasonally adjusted):																
M1.....do....			783.7	785.4	786.6	790.3	786.3	787.4	786.3	783.1	773.3	770.3	*777.1	*777.4	*781.1	787.6
M2.....do....			*3,035.1	3,042.3	*3,059.5	*3,069.6	3,065.8	3,069.4	*3,078.5	3,080.8	*3,072.3	3,088.0	*3,117.4	*3,135.9	*3,153.3	3,176.1
M3.....do....			3,861.0	3,877.9	3,898.1	3,915.4	3,920.2	*3,929.4	3,950.8	3,958.8	3,954.8	3,973.5	*4,002.4	*4,008.4	*4,009.8	4,023.5
L (M3 plus other liquid assets).....do....			4,588.2	4,609.2	4,635.5	4,672.2	4,676.2	4,689.4	4,724.4	4,750.1	4,746.1	*4,759.0	*4,793.3	*4,812.2	4,826.6	
Components (seasonally adjusted):																
Currency.....do....			208.6	209.7	210.5	211.8	213.4	214.3	215.6	215.9	216.4	217.4	218.0	218.4	219.3	219.7
Demand deposits.....do....			288.8	288.9	287.7	288.6	284.0	284.8	284.3	281.4	278.2	275.0	*278.8	*277.5	*277.3	280.4
Other checkable deposits ††.....do....			279.0	279.4	281.0	282.3	281.3	280.9	279.1	278.5	271.4	270.7	*273.2	*274.4	*277.3	280.3
Savings deposits.....do....			430.5	429.2	431.8	431.3	427.8	424.6	420.8	412.8	404.7	402.0	403.5	402.3	404.2	405.7
Small time deposits @.....do....			998.7	1,009.7	1,017.8	1,025.2	1,035.7	1,048.3	1,061.0	1,083.1	1,105.8	*1,118.5	*1,126.3	*1,131.5	*1,131.8	1,131.4
Large time deposits @.....do....			526.7	532.0	534.4	537.8	544.4	551.6	558.8	567.7	572.1	573.0	573.0	*569.1	*563.1	569.7
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Bureau of the Census):																
Net profit after taxes, all manufacturing.....mil. \$..	*115,599	154,830	38,616			37,547			38,362			36,556				
Food and kindred products.....do....	*15,627	20,671	5,400			4,751			3,668			4,016				
Textile mill products.....do....	*1,891	1,560	310			377			387			499				
Paper and allied products.....do....	*5,520	8,081	2,227			1,911			1,979			2,022				
Chemicals and allied products.....do....	*16,559	23,674	5,504			5,573			6,882			6,809				
Petroleum and coal products.....do....	*10,900	21,409	5,987			6,147			5,717			3,818				
Stone, clay, and glass products.....do....	*2,911	2,453	804			556			779			779				
Primary nonferrous metal.....do....	*1,077	4,256	1,104			1,116			1,294			1,219				
Primary iron and steel.....do....	*1,356	993	-693			315			476			450				
Fabricated metal products.....do....	*4,427	5,335	1,332			642			2,116			1,648				
Machinery (except electrical).....do....	*10,203	13,817	3,992			3,632			2,666			2,393				
Electrical and electronic equipment.....do....	*9,570	11,143	2,932			2,762			2,396			2,518				
Transportation equipment (except motor vehicles and equipment).....mil. \$..	*4,677	5,019	1,566			1,022			1,338			1,343				
Motor vehicles and equipment.....do....	*10,647	12,474	2,069			3,272			3,867			3,469				
All other manufacturing industries.....do....	*20,234	23,945	6,082			5,271			5,644			5,573				
Dividends paid (cash), all manufacturing.....do....	*49,512	57,075	14,525			16,526			16,521			17,454				
SECURITIES ISSUED																
Securities and Exchange Commission:																
Estimated gross proceeds, total.....mil. \$..	275,418	228,387	15,728	12,991	16,436	10,421	(*)									
By type of security:																
Bonds and notes, corporate.....do....	191,339	172,499	11,448	9,355	12,891	7,627	(*)									
Common stock.....do....	65,835	45,485	3,795	2,886	3,008	2,088	(*)									
Preferred stock.....do....	11,735	6,506	291	575	527	475	(*)									
By type of issuer:																
Corporate, total #.....mil. \$..	268,909	224,490	15,529	12,816	16,426	10,221	(*)									
Manufacturing.....do....	46,172	33,327	3,917	2,888	3,136	1,066	(*)									
Extractive.....do....	8,229	4,742	125	30	244	1	(*)									
Public utility.....do....	19,943	12,793	324	1,683	478	185	(*)									
Transportation.....do....	6,898	3,078	88	258	64	0	(*)									
Communication.....do....	7,326	4,031	457	132	298	59	(*)									
Financial and real estate.....do....	151,049	147,030	8,923	7,785	9,454	8,454	(*)									
State and municipal issues (Bond Buyer): \$																
Long-term.....do....	105,523	117,011	10,743	11,200	9,036	11,496	*7,178	*8,545	*9,669	*8,388	*8,147	*14,648	*9,585	*10,393	*10,887	8,387
Short-term.....do....	20,271	22,602	675	1,109	1,765	1,419	*1,395	*1,340	*1,520	*5,014	*794	*4,561	*1,793	*5,398	*1,363	1,133
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at broker-dealers, end of year or month.....mil. \$..	31,990	32,740	32,770	33,410	33,640	32,740	32,530	31,480	32,130	32,610	33,140	34,730	34,360	33,940	35,020	35,110
Free credit balances at brokers, end of year or month:																
Margin-account.....do....	4,750	5,660	4,725	5,065	4,920	5,660	5,790	5,605	5,345	5,450	5,250	6,900	5,420	5,580	5,680	6,006
Cash-account.....do....	15,640	16,595	14,175	14,880	15,185	16,595	15,705	16,195	16,045	16,125	15,965	19,080	16,345	16,015	15,310	16,340
Bonds																
Prices:																
Standard & Poor's Corporation, domestic municipal (15 bonds).....dol. per \$100 bond..	62.7	62.0	62.5	63.8	62.6	62.9	65.0	64.3	63.2	64.2	66.0	68.2	68.2	67.3	65.8	66.2
Sales:																
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$..	9,726.24	7,701.39	*581.87	596.74	610.58	640.57	632.13	558.88	591.39	553.49	734.37	878.24	712.42	805.75	769.80	925.98

See footnotes at end of tables.

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FINANCE—Continued																
Bonds—Continued																
Yields:																
Domestic corporate (Moody's).....percent..	9.91	10.18	10.28	9.90	9.91	10.03	10.05	10.05	10.18	10.14	9.95	9.50	9.34	9.36	9.41	9.34
By rating:																
Aaa.....do	9.38	9.71	9.82	9.51	9.45	9.57	9.62	9.64	9.80	9.79	9.57	9.10	8.98	8.96	9.01	8.92
Aa.....do	9.68	9.94	10.06	9.71	9.72	9.81	9.81	9.83	9.98	9.94	9.75	9.29	9.14	9.14	9.23	9.19
A.....do	9.99	10.24	10.34	9.99	9.99	10.11	10.10	10.13	10.26	10.20	10.00	9.59	9.42	9.45	9.51	9.44
Baa.....do	10.58	10.83	10.90	10.41	10.43	10.65	10.65	10.61	10.67	10.61	10.46	10.03	9.87	9.88	9.91	9.81
By group:																
Industrials.....do	9.83	9.91	10.00	9.88	9.93	10.04	10.08	10.08	10.19	10.13	9.97	9.51	9.34	9.35	9.39	9.31
Public utilities.....do	9.98	10.45	10.56	9.92	9.89	10.02	10.02	10.02	10.16	10.14	9.92	9.49	9.34	9.37	9.43	9.37
Railroads.....do	9.63	10.03	10.12	10.03	10.00	10.06	10.04	10.05	10.19	10.27	10.31	10.17	10.05			
Domestic municipal:																
Bond Buyer (20 bonds).....do	7.69	7.66	7.64	7.33	7.66	7.50	7.29	7.56	7.64	7.40	7.15	7.02	6.86	7.16	7.40	7.24
Standard & Poor's Corp. (15 bonds).....do	7.73	7.74	7.71	7.54	7.58	7.66	7.41	7.47	7.61	7.49	7.25	6.97	6.97	7.08	7.27	7.22
U.S. Treasury bonds, taxable †.....do	8.64	8.98	9.06	8.89	9.07	9.13	9.07	9.16	9.33	9.18	8.95	8.40	8.19	8.26	8.31	8.15
Stocks																
Prices:																
Dow Jones averages (65 stocks).....	849.46	772.17	780.41	808.29	796.20	817.30	851.45	880.52	866.99	897.32	932.47	955.80	990.60	1,065.83	1,078.40	1,049.44
Industrial (30 stocks).....	2,275.99	2,060.82	2,080.06	2,144.31	2,099.04	2,148.58	2,234.68	2,304.80	2,283.11	2,348.91	2,439.55	2,494.90	2,554.03	2,691.11	2,693.41	2,692.01
Public utility (15 stocks).....	201.70	179.74	179.85	185.01	184.12	185.15	188.88	186.64	182.81	187.98	196.29	206.72	215.52	218.08	215.95	216.64
Transportation (20 stocks).....	929.19	863.83	879.45	923.12	916.21	955.39	1,009.31	1,073.18	1,046.32	1,098.04	1,139.83	1,158.90	1,223.05	1,407.13	1,462.67	1,342.02
Standard & Poor's Corporation: \$																
Combined index (500 Stocks).....1941-43=10.	286.83	265.79	267.97	277.40	271.02	276.51	285.41	294.01	292.71	302.25	313.93	323.73	331.93	346.61	347.33	347.40
Industrial, total (400 Stocks) #.....do	390.90	306.68	307.40	319.05	311.84	319.07	330.17	339.70	337.74	348.47	360.88	370.36	379.45	396.63	397.08	396.34
Capital goods.....do	288.23	252.83	247.60	253.19	247.36	253.87	262.50	273.90	262.31	265.71	274.71	279.47	282.04	296.33	294.62	288.65
Consumer goods.....do	323.77	305.95	313.68	327.18	324.78	331.12	339.49	353.53	352.18	368.61	366.24	399.70	411.63	434.05	430.76	439.31
Utilities (40 Stocks).....do	112.70	108.74	109.67	113.00	111.70	113.02	114.37	116.88	116.65	119.91	127.74	133.50	137.22	140.47	140.98	142.71
Transportation (20 Stocks).....do	228.91	209.02	209.71	219.89	216.97	225.63	237.65	251.42	245.69	250.63	262.59	268.10	276.07	307.44	315.42	297.89
Railroads.....1941-43=10	166.90	158.73	158.59	164.78	164.74	171.25	178.57	187.76	185.35	182.19	194.13	198.07	197.89	211.31	215.45	208.51
Financial (40 Stocks).....do	28.15	24.09	25.75	26.05	24.85	24.79	25.51	26.68	26.96	28.31	29.10	30.85	31.70	33.16	33.24	33.76
Money center banks.....1941-43=10	112.03	92.05	102.18	99.61	98.23	98.74	99.73	104.23	104.67	113.23	114.86	122.57	122.12	127.09	125.45	130.47
Major regional banks.....do	109.54	103.22	112.82	111.78	107.34	108.82	104.72	109.91	109.29	113.96	121.88	129.20	132.01	136.60	135.63	132.49
Property-Casualty Insurance.....do	311.50	271.62	276.57	280.22	268.26	266.65	274.49	288.70	295.79	307.82	301.76	316.61	321.65	344.12	345.97	364.37
N.Y. Stock Exchange common stock indexes:																
Composite.....12/31/65=50	161.70	149.91	151.47	156.36	152.67	155.35	160.40	165.08	164.60	169.33	175.30	180.76	185.15	192.94	193.02	192.49
Industrial.....do	195.31	180.95	182.18	188.58	183.79	187.75	194.62	200.00	199.20	204.81	211.51	216.75	221.74	231.32	230.86	229.40
Transportation.....do	140.89	134.12	136.27	141.93	138.60	144.07	153.09	162.66	160.14	164.32	168.89	173.47	179.32	197.52	202.02	190.36
Utility.....do	74.30	71.77	71.83	74.19	73.83	74.81	75.87	77.84	77.66	79.72	84.07	87.90	90.40	92.90	93.44	94.67
Finance.....do	146.48	127.26	133.15	134.66	129.61	128.83	132.26	137.19	137.91	143.26	146.59	154.09	157.78	164.86	165.51	166.55
NASDAQ over-the-counter price indexes:																
Composite.....2/5/71=100	402.74	374.43	382.16	385.01	372.89	375.78	389.32	404.08	403.99	417.13	435.99	447.61	446.70	461.83	469.28	469.68
Industrial.....do	422.72	379.49	384.00	382.49	365.82	371.11	385.71	399.80	396.74	409.76	431.81	437.34	434.03	448.47	455.01	455.91
Insurance.....do	425.25	408.17	429.33	432.45	426.82	425.34	441.91	461.07	469.40	480.35	483.04	503.78	513.43	535.62	533.04	538.37
Bank.....do	464.35	444.14	452.91	450.31	440.91	436.45	446.01	458.87	457.58	457.31	460.50	475.70	472.14	484.22	485.08	460.01
NASDAQ/NIMS composite.....7/10/84=100	172.49	161.95	165.30	166.78	161.80	168.15	169.07	175.62	175.87	181.71	190.19	195.38	195.04	201.36	205.14	205.35
Industrial.....do	161.06	146.78	148.48	148.10	141.76	144.24	149.98	155.66	154.51	159.95	168.95	171.92	169.85	175.63	178.19	178.64
Yields (Standard & Poor's Corp.):																
Composite (500 stocks).....percent..	3.08	3.64	3.69	3.61	3.70	3.68	3.64	3.59	3.68	3.59	3.52	3.44	3.33	3.28	3.29	3.20
Industrials (40 stocks).....do	2.62	3.14	3.21	3.13	3.22	3.19	3.14	3.10	3.13	3.10	3.06	3.01	2.97	2.86	2.88	2.78
Utilities (40 stocks).....do	6.52	7.08	7.09	7.01	7.04	6.98	6.99	6.92	7.06	6.95	6.62	6.35	6.20	6.11	6.05	6.00
Transportation (20 stocks).....do	2.20	2.48	2.55	2.44	2.43	2.34	2.41	2.17	2.24	2.21	2.09	2.04	1.98	1.93	1.88	1.84
Financial (40 stocks).....do	3.60	4.34	3.96	3.96	4.16	4.26	4.15	4.03	4.07	3.90	3.85	3.64	3.58	3.42	3.44	3.44
Preferred stocks, 10 high-grade.....do	8.37	9.24	9.28	9.23	9.36	9.38	9.31	9.31	9.43	9.50	9.32	8.96	8.81	8.75	8.82	8.85
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$	2,284,166	1,584,106	1,117,412	1,383,281	1,200,960	1,170,060	1,222,524	1,439,957	1,480,021	1,366,593	1,571,168	1,788,088	1,444,776	1,900,751	1,533,234	1,408,241
Shares sold.....millions..	63,771	52,474	4,024	4,247	3,805	3,922	4,049	4,675	4,530	4,115	4,722	4,967	4,141	5,146	4,416	4,116
On New York Stock Exchange:																
Market value.....mil. \$	1,988,311	1,377,711	1,008,554	1,184,416	1,038,902	1,002,228	1,027,736	1,248,800	1,266,697	1,168,894	1,333,978	1,533,329	1,222,567	1,644,536	1,297,727	1,115,441
Shares sold (cleared or settled).....millions..	58,088	44,018	3,352	3,528	3,162	3,222	3,264	3,909	3,694	3,356	3,887	4,092	3,283	4,242	3,517	3,117
New York Stock Exchange:																
Exclusive of odd-lot stock sales (sales effected).....millions..	47,801	40,850	3,060	3,415	2,823	2,845	3,532	3,217	3,503	3,238	3,749	3,967	3,250	3,948	3,035	4,013
NASDAQ over-the-counter:																
Market value.....mil. \$	498,301	347,089	26,524	28,698	25,017	25,761	33,475	30,227	33,452	32,232	40,870	41,572	33,680	39,575	34,690	45,016
Shares sold.....millions..	37,890	31,070	2,348	2,522	2,287	2,488	2,716	2,532	2,583	2,666	3,080	3,029	2,502	3,031	2,626	3,166
Shares listed, NYSE, end of period:																
Market value, all listed shares.....bil. \$	2,216.31	2,457.46	2,440.00	2,489.44	2,443.44	2,457.46	2,609.24	2,545.11	2,591.64	2,709.88	2,787.49	2,771.49	2,980.46	3,022.19	3,800.82	2,925.38
Number of shares listed.....millions..	71,802	76,093	75,498	75,891	76,160	76,093	76,603	76,836	77,521	77,767	78,381	79,117	79,462	79,534	79,969	81,641

FOREIGN TRADE OF THE UNITED STATES

Exports (mdse.), incl. reexports, total @ Seasonally adjusted †	1987	1988	1988 Sept.	1988 Oct.	1988 Nov.	1988 Dec.	1989 Jan.	1989 Feb.	1989 Mar.	1989 Apr.	1989 May	1989 June	1989 July	1989 Aug.	1989 Sept.	1989 Oct.
Western Europe *	69,717.7	87,857.7	7,103.3	7,742.3	7,204.4	8,239.5	7,330.7	7,688.7	9,606.4	8,620.9	8,589.0	8,314.7	7,961.7	7,533.0	8,835.8	8,835.8
European Economic Community *	60,575.0	75,755.3	6,217.6	6,773.6	6,254.3	7,019.6	6,417.6	6,801.2	8,223.3	7,372.8	7,322.3	7,216.5	6,878.3	6,372.6	7,644.5	7,644.5

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOREIGN TRADE OF THE UNITED STATES—Continued																
VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Western Hemisphere:																
Canada ◊	59,814.3	71,622.0	6,159.7	6,358.7	6,307.2	5,517.8	6,068.0	6,484.8	7,248.8	7,006.6	7,417.6	6,958.0	5,147.7	6,228.5	6,348.2	
Brazil	4,039.9	4,266.5	324.0	313.0	344.8	408.0	886.1	334.8	333.4	345.0	304.9	434.5	395.5	461.5	401.6	
Mexico	14,582.2	20,628.4	1,986.1	2,047.4	1,954.5	1,917.9	1,843.5	2,052.1	2,175.2	2,058.8	2,091.7	2,154.3	2,042.1	2,145.4	1,995.7	
Venezuela	3,586.0	4,611.9	487.8	409.3	424.1	458.6	384.0	868.2	287.7	247.9	222.4	223.9	215.6	188.7	208.7	
Asia:																
China *	3,497.3	5,021.4	396.4	412.9	449.3	539.9	885.9	499.2	581.8	404.4	471.0	355.2	644.7	703.7	456.2	
Hong Kong *	3,983.1	5,687.4	510.9	529.1	433.5	526.9	379.3	494.2	589.0	602.0	519.4	659.6	501.1	506.5	585.8	
Japan	28,248.6	37,725.2	3,110.0	3,259.6	3,233.7	3,315.6	2,939.2	3,292.1	4,167.5	3,636.9	3,602.9	3,966.4	3,942.8	3,932.9	3,555.4	
Republic of Korea *	8,098.7	11,231.8	925.7	959.4	861.5	1,156.5	932.5	998.9	1,186.4	1,009.0	1,158.2	1,302.5	1,241.5	1,087.5	1,170.6	
Saudi Arabia *	3,373.4	3,776.1	349.1	380.1	332.5	319.9	342.5	294.5	384.7	302.6	290.5	275.4	243.1	251.1	222.7	
Singapore *	4,052.7	5,787.6	486.5	508.8	519.1	556.6	453.3	507.5	795.6	557.3	666.8	606.5	666.8	618.8	592.3	
Taiwan *	7,412.7	12,129.1	864.8	820.0	828.4	924.3	705.5	839.9	919.0	1,023.3	1,004.9	940.0	924.2	976.1	894.9	
Africa:																
Nigeria *	295.1	356.7	38.9	32.4	29.6	27.5	34.3	43.5	31.7	19.4	40.7	33.1	112.8	27.3	37.7	
Republic of South Africa	1,281.2	1,687.6	147.9	148.9	167.0	130.5	112.7	105.7	175.9	157.5	188.2	149.4	124.4	127.0	150.5	
Australia *	5,494.8	6,972.9	569.8	795.3	640.2	813.5	551.9	608.8	689.2	618.9	681.5	690.7	714.7	799.7	909.7	
OPEC *	11,058.1	13,994.3	1,255.8	1,256.9	1,240.8	1,326.0	1,164.5	1,154.0	1,124.5	1,103.8	1,101.4	974.5	1,088.0	920.6	993.8	
Exports of U.S. merchandise, total @	245,115.0	310,049.1	25,998.7	27,449.4	26,559.3	27,676.5	26,320.5	26,881.7	31,688.5	30,224.8	30,109.9	30,289.3	27,641.2	28,538.7	29,285.1	
By commodity groups and principal commodities:																
Agricultural products, total	28,636.2	37,046.6	3,105.6	3,299.7	3,470.9	3,510.7	3,357.0	3,469.7	4,040.2	3,421.1	3,314.1	3,048.8	2,966.2	2,768.2	3,011.8	
Nonagricultural products, total	215,222.7	285,379.8	23,961.0	25,244.4	24,094.3	25,471.4	22,058.6	23,641.3	28,126.3	26,435.7	26,818.4	26,862.6	24,928.1	25,614.7	27,440.2	
Food and live animals #	19,178.8	26,701.2	2,509.8	2,507.0	2,410.4	2,384.0	2,240.0	2,413.1	2,918.2	2,497.1	2,579.4	2,396.5	2,538.6	2,332.4	2,396.1	
Beverages and tobacco	3,666.7	4,608.4	368.7	393.7	409.3	445.4	383.9	469.6	491.4	398.7	433.0	434.7	384.0	462.6	446.4	
Crude materials, inedible, exc. fuels #	20,416.3	25,524.5	1,855.0	2,030.7	2,277.3	2,485.6	2,083.6	2,272.1	2,621.4	2,262.3	2,238.5	2,218.5	2,178.5	2,045.8	2,058.6	
Mineral fuels, lubricants, etc. #	7,713.1	8,278.5	696.2	678.6	627.3	586.1	678.2	673.0	783.0	813.9	871.0	831.1	717.6	842.5	841.1	
Oils and fats, animal and vegetable	981.4	1,538.4	164.5	129.4	114.7	116.3	99.6	115.0	127.8	105.7	105.1	98.2	109.0	124.4	165.3	
Chemicals	26,380.9	32,644.5	3,030.3	3,265.1	3,263.5	3,201.9	2,561.0	2,860.9	3,231.2	3,328.0	3,406.5	3,364.9	3,111.4	3,067.5	2,992.5	
Manufactured goods classified chiefly by material	17,136.1	24,525.5	2,263.1	2,120.3	2,087.5	2,379.2	1,769.6	2,106.4	2,595.8	2,266.1	2,354.2	2,372.7	2,158.1	2,351.8	2,332.5	
Miscellaneous manufactured articles *	19,409.0	25,820.7	2,152.3	2,246.1	2,145.8	2,507.4	2,172.2	2,423.3	2,965.9	2,650.5	2,672.3	3,045.1	2,671.9	2,783.9	2,797.3	
Machinery and transport equipment, total	108,596.0	142,375.4	11,383.0	12,743.5	12,089.3	13,129.2	10,102.1	11,281.6	13,788.9	12,539.1	12,533.6	12,797.5	11,810.7	11,965.8	13,212.1	
Machinery, total #	69,687.0	88,432.0	7,567.1	7,923.6	7,478.0	8,381.4										
Transport equipment, total	38,959.0	46,702.8	3,708.2	4,088.0	4,040.4	4,087.5										
Motor vehicles and parts	20,878.8	24,019.7	2,165.0	2,078.4	2,117.9	1,957.9	2,174.0	2,049.2	2,260.2	2,143.3	2,124.2	2,088.4	1,403.5	1,668.5	1,944.8	
VALUE OF IMPORTS																
General imports, total @	406,241.0	440,952.3	36,308.6	38,795.2	38,389.3	39,389.9	36,032.1	36,687.1	40,146.8	38,185.1	40,895.7	40,494.1	39,456.4	40,513.9	38,499.2	
Seasonally adjusted †			36,750.4	37,121.1	38,087.3	39,668.4	37,877.3	38,220.3	39,549.0	39,044.7	40,534.3	39,292.8	38,709.0	40,662.1	39,078.6	
Western Europe *																
European Economic Community *	31,188.0	84,338.5	6,573.8	7,091.4	7,464.6	8,025.1	6,071.8	6,772.5	7,721.1	6,935.3	7,212.9	7,172.0	7,466.5	7,146.1	6,397.4	
Belgium and Luxembourg *	4,170.9	4,439.3	359.3	394.7	385.5	381.4	307.3	379.9	436.4	404.1	394.1	397.8	420.1	299.5	372.5	
France	10,730.2	12,508.5	1,051.0	1,004.0	1,022.2	1,102.3	927.4	1,053.3	1,128.0	1,162.0	1,034.7	1,300.0	1,111.7	1,011.2	949.0	
Federal Republic of Germany	27,069.3	26,361.9	2,090.6	2,139.7	2,238.4	2,649.1	1,902.1	1,958.3	2,334.5	2,091.6	2,086.1	1,980.6	2,155.1	2,084.0	1,836.1	
Italy	11,039.6	11,576.0	712.8	988.3	1,028.7	1,025.6	763.2	826.1	1,142.9	925.3	978.8	1,053.3	1,180.2	1,113.7	775.1	
Netherlands *	3,963.6	4,558.9	391.9	415.0	424.6	411.4	356.0	401.2	439.3	346.9	370.9	377.2	406.1	375.2	388.0	
United Kingdom	17,341.3	17,976.4	1,390.0	1,508.9	1,615.1	1,735.4	1,211.7	1,520.2	1,586.4	1,397.8	1,681.6	1,378.7	1,514.7	1,655.5	1,496.4	
Eastern Europe *																
Union of Soviet Socialist Republics	1,922.6	2,162.6	147.6	140.3	173.6	233.4	203.3	159.6	204.2	153.3	144.7	190.2	186.0	166.7	168.9	
Western Hemisphere:																
Canada	71,085.0	81,397.9	6,976.6	7,388.5	7,122.0	6,476.8	7,891.3	7,295.8	7,636.2	7,483.2	8,188.8	7,506.6	5,619.1	7,393.0	7,014.3	
Brazil	7,865.4	9,294.3	854.6	766.7	745.4	759.6	672.7	731.2	674.7	713.4	627.1	829.5	759.1	788.8	635.7	
Mexico	20,270.8	23,259.7	1,943.3	1,998.3	2,056.7	1,967.1	1,977.9	2,141.5	2,278.8	2,377.0	2,543.7	2,253.2	2,160.0	2,380.2	2,216.5	
Venezuela	5,579.0	5,157.4	431.7	408.9	391.2	416.3	519.5	404.5	546.4	558.5	632.1	542.6	526.7	552.7	541.1	
Asia:																
China *	6,298.5	8,510.9	793.3	884.0	798.8	818.2	787.7	823.3	668.6	727.7	932.6	1,016.6	1,154.9	1,238.7	1,183.0	
Hong Kong *	9,854.1	10,237.8	960.3	1,000.2	931.6	915.6	810.7	695.7	622.5	634.9	743.3	808.1	875.9	968.8	889.0	
Japan	84,575.0	89,513.7	7,057.7	8,441.2	8,191.4	8,477.7	6,472.6	7,942.1	8,390.8	7,530.2	7,884.2	7,906.5	7,985.4	7,914.8	7,618.8	
Republic of Korea *	16,986.9	20,105.1	1,335.2	1,699.1	1,682.6	1,937.4	1,613.0	1,488.5	1,613.3	1,553.6	1,661.2	1,699.0	1,748.7	1,754.6	1,691.5	
Saudi Arabia *	4,433.1	5,620.2	343.1	433.9	363.7	590.5	562.6	563.4	512.5	623.7	587.6	630.7	584.5	564.4	564.3	
Singapore *	6,201.0	7,973.3	678.2	733.3	684.0	773.5	619.7	598.3	709.7	686.6	780.0	692.0	739.2	795.3	813.5	
Taiwan *	24,821.8	24,713.9	2,176.0	2,075.0	1,943.8	2,112.9	1,831.3	1,822.7	1,708.9	1,868.7	2,092.0	2,131.2	2,182.0	2,384.6	2,176.5	
Africa:																
Nigeria *	3,573.4	3,278.5	228.9	263.2	180.3	269.6	359.3	313.3	323.2	404.7	523.4	490.6	653.0	488.6	492.7	
Republic of South Africa	1,345.5	1,512.9	111.8	151.7	142.6	119.8	121.5	145.5	123.6	129.0	140.2	136.1	111.6	123.1	130.6	
Australia *	3,007.2	3,541.3	255.4	266.9	314.1	274.3	296.3	271.6	307.8	309.4	326.7	332.0	340.5	311.2	317.0	
OPEC *	23,953.1	22,962.2	1,801.9	1,847.9	1,715.9	1,984.3	2,238.9	1,997.6	2,216.4	2,458.0	2,900.6	2,640.4	2,789.4	2,817.9	2,489.5	
By commodity groups and principal commodities:																
Petroleum and products *	42,285.4	38,786.5	2,992.8	2,982.5	2,957.5	3,338.5	3,558.0	3,281.8	3,737.7	4,135.8	4,806.6	4,265.0	4,332.2	4,370.4	4,032.6	
Nonpetroleum products *	363,615.2	402,165.8	33,310.8	35,862.7	35,431.8	36,045.4	32,339.2	34,278.9	36,174.3	34,088.0	36,267.6	36,015.5	34,722.8	36,661.6	34,466.6	
Food and live animals #	20,547.1	20,109.8														

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	FOREIGN TRADE OF THE UNITED STATES—Continued															
Indexes																
Exports of U.S. merchandise:																
Unit value @1977=100..	158.6	169.6	176.9	175.8	175.8	176.3	174.0	172.5	175.5	174.6	175.6	176.6	177.2	(3)		
Quantity.....do.....	127.0	149.8	148.6	149.8	145.1	159.0	144.6	155.7	181.5	169.4	169.9	167.7	155.9	(3)		
Value.....do.....	201.4	254.1	262.9	263.4	255.0	280.4	251.7	268.5	318.6	295.7	298.4	296.2	276.2	(3)		
General imports:																
Unit value @.....do.....	164.6	172.9	172.5	171.8	172.3	174.4	176.2	177.5	179.7	181.5	182.3	181.5	181.4	(3)		
Quantity.....do.....	169.2	175.1	174.0	185.4	183.0	182.3	168.4	174.2	182.8	173.4	185.6	182.8	177.3	(3)		
Value.....do.....	278.5	302.7	300.2	318.3	315.2	318.9	296.7	309.3	328.7	314.8	338.2	331.7	321.6	(3)		
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight.....thous. met. tons..	324,125	361,222	31,565	29,024	29,230	34,266	29,117	28,962	34,760	33,036	34,284	34,563	29,061			
Value.....mil. \$..	99,011	125,775	11,497	10,555	10,690	11,995	10,672	11,721	13,277	12,564	12,756	11,957	11,989			
General imports:																
Shipping weight.....thous. met. tons..	427,913	465,082	38,948	40,426	39,856	43,501	38,364	36,814	39,414	38,573	44,918	41,664	44,013			
Value.....mil. \$..	245,030	254,753	20,519	22,041	21,453	23,213	19,959	21,015	22,283	21,372	23,426	23,109	24,118			
TRANSPORTATION AND COMMUNICATION																
TRANSPORTATION																
Air Carriers																
Certificated route carriers:																
Passenger-miles (revenue).....bil.	404.47	423.30	33.82	35.45	32.53	33.48	32.18	29.37	36.03	33.57	35.38	40.05	41.90			
Passenger-load factor.....percent..	82.3	82.5	80.3	81.9	59.3	58.3	56.2	56.9	65.0	62.0	62.5	69.7	69.5			
Ton-miles (revenue), total.....mil.	50,469	53,800	4,364	4,605	4,295	4,413	4,099	3,834	4,670	4,373	4,535	5,030	5,200			
Operating revenues (quarterly) # \$.....mil. \$.	¹ 56,787	¹ 63,633	16,985			16,030			16,385							
Passenger revenues.....do.....	44,918	¹ 50,296	13,579			12,474			12,768							
Cargo revenues.....do.....	¹ 6,434	¹ 7,478	1,885			2,017			2,199							
Mail revenues.....do.....	924	¹ 972	220			269			236							
Operating expenses (quarterly) \$.....do.....	¹ 54,339	¹ 60,136	15,433			15,495			16,075							
Net income after taxes (quarterly) \$.....do.....	465	¹ 1,785	1,077			240			-189							
Domestic operations:																
Passenger-miles (revenue).....bil.	324.69	329.31	25.22	27.32	25.85	26.22	24.35	23.28	28.45	26.10	26.94	29.93	30.93			
Cargo ton-miles.....mil.	4,340	4,843	417	437	426	413	363	368	431	411	418	420	404			
Mail ton-miles.....do.....	1,313	1,367	106	111	113	169	112	107	125	114	110	109	101			
Operating revenues (quarterly) \$.....mil. \$.	¹ 45,658	¹ 50,052	12,898			12,744			13,160							
Operating expenses (quarterly) \$.....do.....	¹ 43,925	¹ 47,562	11,972			12,243			12,761							
Net income after taxes (quarterly) \$.....do.....	¹ 66	¹ 1,027	621			162			-12							
International operations:																
Passenger-miles (revenue).....bil.	79.83	93.99	8.60	8.12	6.67	7.26	7.33	5.99	7.58	7.48	8.44	10.12	10.97			
Cargo ton-miles.....mil.	¹ 3,921	4,789	423	473	457	423	371	389	470	451	432	457	467			
Mail ton-miles.....do.....	443	470	35	39	46	61	36	35	41	39	38	38	38			
Operating revenues (quarterly) \$.....mil. \$.	10,925	¹ 13,332	4,024			3,233			3,210							
Operating expenses (quarterly) \$.....do.....	10,226	¹ 12,361	3,456			3,201			3,296							
Net income after taxes (quarterly) \$.....do.....	¹ 307	¹ 720	435			77			-176							
Urban Transit Industry																
Passengers carried, total.....mil.																
	¹ 8,766	¹ 8,867	740	772	750	727	734	691	797							
Motor Carriers																
Carriers of property, large, class I, qtrly.:																
Number of reporting carriers.....	100	100	100			100			100			100				
Operating revenues, total.....mil. \$.	¹ 18,398	¹ 18,668	4,998			4,964			4,715			5,055				
Net income, after extraordinary and prior period charges and credits.....mil. \$.	¹ 297	¹ 464	179			127			80			135				
Tonnage hauled (revenue), common and contract carrier service.....mil. tons.	¹ 181	¹ 170	45			45			41			43				
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common carriers of general freight, seas. adj. ....1967=100..																
	163.8	177.2	178.5	178.3	178.1	178.3	177.6	169.2	166.7	172.2	172.7	172.5	¹ 158.6	¹ 169.0	¹ 157.4	
Class I Railroads †																
Financial operations, quarterly (AAR), excluding Amtrak:																
Operating revenues, total #.....mil. \$.	26,623	¹ 27,979	6,984			7,107			6,996			7,105				
Freight.....do.....	25,798	¹ 27,135	6,767			6,886			6,779							
Passenger, excl. Amtrak.....do.....	95	85	22			21			22							
Operating expenses.....do.....	23,881	¹ 24,883	5,879			6,281			6,265			6,205				
Net railway operating income.....do.....	1,752	¹ 1,961	691			490			443			593				
Ordinary income †.....do.....	1,989	¹ 2,319	740			715			507			635				
Traffic:																
Revenue ton-miles, qtrly. (AAR).....bil.	943.7	996.2	249.5			254.4			249.2			253.6	² 86.1	² 77.9	² 96.7	² 79.9
Price index for railroad freight.....12/84=100..	100.1	104.8	105.4	105.4	105.4	105.4	105.8	105.9	105.9	106.0	106.0	² 106.3	106.6	107.1	106.7	106.7
Travel																
Lodging industry:																
Restaurant sales index...same month 1967=100..																
	223	236	222	258	222	241	192	224	252	240	290					
Hotels: Average room sale ◊.....dollars..	82.58	85.12	83.65	89.71	88.54	85.40	88.78	91.84	89.43	89.88	89.63					
Rooms occupied.....% of total..	68	66	66	72	66	52	58	63	70	72	70					
Motor hotels: Average room sale ◊.....dollars..	47.79	45.88	43.01	44.25	43.62	43.33	44.17	48.15	49.22	47.80	46.32					
Rooms occupied.....% of total..	62	64	64	66	56	48	54	66	72	69	68					
Economy hotels: Average room sale ◊.....dollars..	32.87	40.62	34.30	33.42	33.32	35.03	35.31	39.15	39.32	39.05	38.01					
Rooms occupied.....% of total..	64	65	65	65	56	49	53	66	65	67	69					
Foreign travel:																
U.S. citizens: Arrivals (quarterly).....thous.																
	¹ 17,005	¹ 17,583	5,286			3,829			4,189	¹ 4,222	¹ 4,441	¹ 4,623				
Departures (quarterly).....do.....	¹ 16,425	¹ 17,209	5,021			3,943			3,763	¹ 4,328	¹ 4,501	¹ 4,807				
Aliens: Arrivals (quarterly).....do.....	¹ 11,639	¹ 13,804	4,416			3,247			3,166	¹ 3,081	¹ 3,177	¹ 3,383				
Departures (quarterly).....do.....	¹ 10,239	¹ 12,211	3,951			2,939			2,830	¹ 2,939	¹ 3,070	¹ 3,127				
Passports issued.....do.....	4,872	4,061	263	235	233	223	283	323	424	375	416	396	300	289	230	232
National parks, recreation visits # #.....do.....	55,782	55,422	6,277	4,737	2,241	1,304	1,516	1,441	2,323	3,081	5,043	7,719	10,249	¹ 10,017	¹ 6,488	4,845

See footnotes at end of tables.

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

TRANSPORTATION AND COMMUNICATION—Continued

COMMUNICATION																
Telephone carriers: ◇																
Operating revenues #	mil. \$.	74,657														
Station revenues	do	31,669														
Tolls, message	do	9,171														
Operating expenses (excluding taxes)	do	50,384														
Net operating income (after taxes)	do	13,370														
Access lines	mil.															

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al ₂ O ₃) ‡	thous. sh. tons	1,264	1,274	108	96	98	105	91	89	109	97	102	107	*104	114	103
Chlorine gas (100% Cl ₂) ‡	do	11,019	11,329	960	987	966	(*)—	974	946	955	972	930	910	949	918	924
Hydrochloric acid (100% HCl) ‡	do	2,869	2,568	232	205	221	233	227	222	238	221	249	243	241	241	223
Phosphorus, elemental ‡	do	344	352	29	29	29	30	30	26	31	29	31	32	32	31	28
Sodium hydroxide (100% NaOH) ‡	do	11,486	11,983	1,033	1,038	1,022	(*)—	1,089	997	1,028	1,023	988	972	1,031	985	999
Sodium silicate, anhydrous ‡	do	952	748	76	70	66	(*)—	64	88	68	74	71	71	72	77	79
Sodium sulfate (100% Na ₂ SO ₄) ‡	do	813	789	67	63	65	65	71	64	68	66	67	70	64	62	62
Sodium tripolyphosphate (100% Na ₃ P ₃ O ₁₀) ‡	do	586	551	36	51	47	45	49	46	49	46	55	50	50	47	50
Titanium dioxide (composite and pure) ‡	do	968	1,026	88	78	86	91	93	92	87	96	92	93	97	92	92
Sulfur, native (Frasch) and recovered:																
Production	thous. met. tons	*9,363	*9,450	762	836	816	981	935	794	925	902	908	891	893	*868	818
Stocks (producers' end of period)	do	2,316	1,112	1,368	1,324	1,210	1,112	1,101	1,122	1,159	1,252	1,310	1,387	1,498	*1,483	1,501
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡	thous. sh. tons	16,095	16,937	1,289	1,346	1,400	1,520	1,529	1,342	1,494	1,471	1,505	1,433	1,380	1,268	1,285
Ammonium nitrate, original solution ‡	do	6,547	7,186	515	587	621	658	687	612	675	673	684	628	600	*573	563
Ammonium sulfate ‡	do	2,189	2,337	188	213	207	210	201	188	199	207	206	200	198	*195	191
Nitric acid (100% HNO ₃) ‡	do	7,225	7,887	570	627	654	708	726	660	715	701	714	666	640	*616	556
Nitrogen solutions (100% N) ‡	do	2,385	3,119	240	272	278	304	263	243	258	261	269	245	247	*204	221
Phosphoric acid (100% P ₂ O ₅) ‡	do	10,685	11,729	945	1,004	961	1,066	1,007	936	1,045	966	965	869	927	971	958
Sulfuric acid (100% H ₂ SO ₄) ‡	do	39,235	42,775	3,441	3,673	3,675	3,922	3,790	3,496	3,821	3,659	3,687	3,291	3,504	3,691	3,541
Superphosphate and other phosphatic fertilizers (gross weight):																
Production	thous. sh. tons	15,674	16,858	1,378	1,588	1,515	1,604	1,592	1,400	1,640	1,640	1,594	1,366	1,455	*1,472	1,429
Stocks, end of period	do	794	879	570	602	749	879	860	989	970	913	874	1,011	962	*826	773
Potash, sales (K ₂ O)	do	6,204	5,703	347	438	447	548	579	344	401	731	637	238	256	529	409
Imports:																
Ammonium nitrate	thous. met. tons	279	267	14	16	16	44	*40	46	37	46	38	46	21	29	
Ammonium sulfate	do	259	337	24	13	40	32	*23	6	53	48	30	14	9	19	
Potassium chloride	do	6,613	6,796	462	543	586	558	*710	396	541	659	427	261	89	472	
Sodium nitrate	do	93	131	15	5	(*)—	8	*11	14	14	11	21	22	2	12	
Industrial Gases ‡																
Production:																
Acetylene	mil. cu. ft.	5,284	4,948	467	488	446	484	444	425	480	450	347	381	343	422	
Hydrogen (high and low purity)	do	149,217	143,819	11,077	11,022	11,849	11,209	10,498	10,955	11,554	11,145	11,214	12,377	*11,607	11,811	
Nitrogen (high and low purity)	do	675,943	719,371	58,901	60,566	58,607	61,882	61,071	57,539	63,163	61,005	62,200	58,734	*61,434	63,074	
Oxygen (high and low purity)	do	402,644	448,635	36,676	37,603	38,022	39,353	38,522	36,668	39,735	37,721	40,190	39,158	*38,801	37,412	
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin)	thous. met. tons	*10.9	*10.8	2.2			2.0			*2.4			2.4			
Ethyl acetate	do	*97.1	*115.3	39.6			32.5			*34.0			31.8			
Formaldehyde (37% HCHO)	do	*2,600.5	*2,848.8	756.7			786.3			*731.0			740.6			
Glycerin, refined, all grades	mil. lb.	276.4	281.7	21.9	24.8	26.0	19.4	27.7	20.9	24.9	24.0	28.5	22.0	23.4	*23.1	25.7
Methanol, synthetic	thous. met. tons	*3,418.2	*3,692.8	818.5			950.4			*752.1			901.6			
Phthalic anhydride	do	469.6	*452.9	133.6			132.4			*130.0			130.3			
ALCOHOL																
Ethyl alcohol and spirits:																
Production	mil. tax gal.	730.3	*777.2	61.2	69.7	69.7	67.8	82.2	69.8	68.9	68.6	79.3	76.1	77.6		
Stocks, end of period	do	43.4	39.7	28.4	35.9	36.3	39.7	45.0	48.1	46.2	43.4	45.7	39.7	44.9		
Denatured alcohol:																
Production	mil. wine gal.	442.5	*462.5	36.2	36.1	38.2	42.2	38.1	38.9	43.4	34.5	47.7	44.6	39.0		
Consumption (withdrawals)	do	460.8	*469.1	38.7	38.5	36.9	39.7	37.8	38.0	42.1	36.3	45.8	45.6	39.9		
For fuel use	do	208.3	*216.0	19.0	18.2	18.1	17.2	17.0	13.3	12.8	14.4	17.1	16.5	14.5		
Stocks, end of period	do	9.7	9.2	8.7	7.5	7.4	9.2	9.1	8.8	9.2	7.6	9.3	9.8	7.9		

See footnotes at end of tables.

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

CHEMICALS AND ALLIED PRODUCTS—Continued

PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....thous. met. tons..	'769.8	765.3														
Polyethylene and copolymers.....do....	'7,881.0	'8,479.6	2,006.0			2,156.1			'2,168.2			1,903.9				
Polypropylene.....do.....do.....	'3,164.8	'3,291.6	840.6			764.8			'759.7			789.8				
Polystyrene and copolymers.....do.....	'3,767.0	'4,166.2														
Polyvinyl chloride and copolymers.....do	'3,782.0	'3,895.5	1,054.2			1,058.5			'1,093.2			1,091.5				
PAINTS, VARNISH, AND LACQUER †																
Total shipments.....mil. \$..	'10,167.6	'10,716.1	'932.6	'908.1	'819.7	'751.5	'820.5	'841.3	'952.6	'985.7	'1,072.7	'1,091.5	'965.9	1,114.4		
Architectural coatings.....do.....	'4,245.4	'4,372.1	'381.9	'354.8	'300.6	'281.2	'309.4	'317.7	'387.3	'399.1	'464.4	'464.8	'481.0	484.2		
Product coatings (OEM).....do.....	'3,782.5	'4,062.9	'349.7	'363.2	'344.7	'314.7	'344.5	'359.3	'369.3	'372.6	'382.0	'393.2	'319.8	381.6		
Special purpose coatings.....do.....	'2,139.7	'2,281.1	'201.0	'190.1	'174.4	'155.5	'166.6	'164.4	'196.0	'213.9	'226.2	'233.5	'215.1	248.7		

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw-hr..	2,572,127	2,701,624	220,023	210,377	209,394	232,550	231,343	219,066	226,436	207,749	219,803	235,397	256,744			
By fuels.....do.....do.....	2,322,432	2,478,686	203,753	195,265	190,928	212,637	211,378	200,447	203,794	183,674	191,771	209,515	234,074			
By waterpower.....do.....do.....	249,695	222,938	16,270	15,112	18,466	19,913	19,965	18,620	22,642	24,075	28,033	25,881	22,670			
Sales to ultimate customers, total (Edison Electric Institute) ◇.....mil. kw-hr..																
Commercial \$.....do.....	'658,445	'895,181	'197,372			'167,127			169,383			170,802				
Industrial \$.....do.....do.....	'843,709	'880,947	'229,661			'221,204			217,772			225,488				
Railways and railroads.....do.....do....	'4,898	'5,110	'1,270			'1,294			1,388			1,233				
Residential or domestic.....do.....do....	'846,457	'886,146	'256,489			'203,879			238,476			193,532				
Street and highway lighting.....do.....do....	'14,386	'14,537	'3,503			'3,881						3,347				
Other public authorities.....do.....do....	'63,047	'64,598	'17,080			'16,150			16,573			16,388				
Interdepartmental.....do.....do.....	'4,541	'4,392	'1,163			'1,239			990			1,141				
Revenue from sales to ultimate customers (Edison Electric Institute) ◇.....mil. \$..																
	'155,700	'162,188	'47,493			'38,559			40,087			39,076				
GAS ◇																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total @.....thous..																
Residential.....do.....do.....	47,579	48,756	47,871			48,756			49,109							
Commercial.....do.....do.....	3,990	4,108	3,992			4,108			4,210							
Industrial @.....do.....do.....	179	179	177			179			177							
Other.....do.....do.....	54	54	53			54			55							
Sales to customers, total.....tril. Btu..																
Residential.....do.....do.....	4,985	4,747	373			1,353			2,152							
Commercial.....do.....do.....	2,156	2,306	260			399			961							
Industrial.....do.....do.....	2,541	2,251	471			581			622							
Electric generation.....do.....do.....	1,306	1,229	502			235			209							
Other.....do.....do.....	155	158	22			47			58							
Revenue from sales to customers, total.....mil. \$..																
Residential.....do.....do.....	23,622	'25,158	2,489			7,278			11,230							
Commercial.....do.....do.....	10,271	10,738	1,135			3,014			4,659							
Industrial.....do.....do.....	7,500	'6,739	1,284			1,793			1,938							
Electric generation.....do.....do.....	3,569	3,141	1,291			608			499							
Other.....do.....do.....	530	541	53			166			239							

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl..	195.42	197.70	15.45	15.61	14.02	18.32	15.88	15.29	17.57	17.30	18.40	18.75	18.28	18.85		
Taxable withdrawals.....do.....do.....	177.85	178.06	14.12	14.09	13.21	12.23	14.09	13.20	15.41	14.88	16.78	16.94	16.23	17.41		
Stocks, end of period.....do.....do.....	12.94	13.23	13.68	14.15	13.47	13.23	13.38	13.84	14.24	14.99	14.72	14.35	14.60	14.33		
Distilled spirits (total):																
Production.....mil. tax gal..	76.51	94.72	9.82	12.96	9.75	8.13	9.17	9.41	11.42	9.88	9.70	8.93	4.77			
Consumption, apparent, for beverage purposes †.....mil. wine gal..	388.22	378.20	30.08	31.28	38.68	44.96	'25.06	'26.61	'30.25	'28.42	'30.63	31.70	27.79			
Stocks, end of period.....mil. tax gal..	455.00	420.92	427.33	426.33	423.98	420.92	389.37	423.94	427.12	429.09	433.04	423.77	405.70			
Imports.....mil. proof liters..	404.60	363.20	33.50	44.50	42.10	26.50	'24.14	28.23	24.44	26.66	30.52	23.97	24.63	33.85		
Whisky:																
Production.....mil. tax gal..	38.33	48.27	3.91	5.61	6.04	5.56	6.21	6.75	9.13	8.12	7.97	6.45	2.60			
Stocks, end of period.....do.....do.....	393.72	364.56	369.90	367.40	364.88	364.56	333.10	367.47	371.45	373.97	375.97	370.86	325.93			
Imports.....mil. proof liters..	268.50	231.90	21.20	30.80	27.60	16.50	'15.61	17.15	14.45	15.80	19.35	14.46	13.36	21.44		
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal..	27.89	30.72	3.04	3.65	3.02	2.62	2.77	2.02	2.14	2.20	1.76	2.33	2.18			
Taxable withdrawals.....do.....do.....	30.04	29.24	3.48	3.37	4.69	3.54	1.21	1.25	1.33	1.27	2.08	2.10	1.27			
Stocks, end of period.....do.....do.....	14.99	18.65	13.27	17.95	15.48	16.53	17.28	18.32	17.66	17.85	18.07	18.76	18.76			
Imports.....mil. liters..	52.50	49.30	4.00	7.50	8.00	4.90	'1.91	2.10	2.74	2.38	3.27	2.50	2.43	3.43		
Still wines:																
Production.....mil. wine gal..	442.83	'470.81	192.53	117.01	53.30	45.03	10.34	5.63	4.12	4.73	5.13	6.36	5.26			
Taxable withdrawals.....do.....do.....	451.80	'445.05	33.09	32.46	34.33	34.85	29.75	29.40	32.46	33.97	35.88	41.54	31.62			
Stocks, end of period.....do.....do.....	602.97	586.77	569.32	548.27	537.32	536.77	579.30	544.93	538.43	536.81	535.69	533.86	439.14			
Imports.....mil. liters..	312.00	257.40	19.80	27.00	26.50	19.60	'14.98	13.55	21.02	19.88	21.48	18.68	18.03	20.44		
Distilling materials produced at wineries.....mil. wine gal..																
	145.90	131.76	40.53	32.88	8.95	7.01	4.01	3.23	4.95	4.58	4.93	5.56	5.09			

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986															
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS																
Butter:																
Production (factory).....mil. lb.	1,104.1	1,207.5	89.3	92.3	95.6	112.0	129.0	124.7	135.7	124.7	122.5	95.3	72.2	80.1	82.1	
Stocks, cold storage, end of period.....do	143.2	214.7	253.4	237.3	226.2	214.7	246.6	314.4	341.9	379.1	438.3	464.2	461.0	439.2	407.6	369.4
Producer Price Index.....1982=100	95.3	90.8	92.6	92.2	92.1	92.1	89.1	88.6	88.5	88.5	88.5	88.5	88.3	90.5	89.1	85.7
Cheese:																
Production (factory), total.....mil. lb.	5,344.2	5,571.6	451.9	470.0	458.9	486.5	456.6	419.5	488.4	472.6	494.9	485.5	464.6	460.4	447.2	
American, whole milk.....do	2,716.7	2,756.6	208.5	220.9	214.5	235.0	225.6	208.7	231.9	236.2	247.0	240.0	226.8	214.0	200.3	
Stocks, cold storage, end of period.....do	457.1	388.1	421.3	400.7	366.7	388.1	395.3	402.3	394.7	405.1	423.1	429.6	427.0	418.1	367.2	341.6
American, whole milk.....do	367.4	283.4	314.8	293.2	260.8	283.4	283.8	290.9	283.8	288.1	307.3	309.1	308.7	300.5	268.4	247.5
Imports.....thous. met. tons.	120.2	114.6	8.8	10.6	12.6	12.2	17.4	6.9	8.7	8.0	8.2	8.8	10.2	12.3		
Price, wholesale, cheddar, single daisies (Chicago).....\$ per lb.	(⁹)															
Condensed and evaporated milk:																
Production, case goods.....mil. lb.	579.7	588.7	49.0	42.8	42.2	45.6	44.5	41.5	49.0	47.7	47.0	48.6	42.5	42.0	37.8	
Stocks, manufacturers', case goods, end of period.....do	31.8	44.1	92.3	89.4	51.5	44.1	59.4	75.1	85.2	90.5	102.6	117.5	116.5	116.7	98.7	
Exports.....thous. met. tons.	2.4	3.5	.6	.1	1.0	.1	11.2	2.5	1.9	3.1	1.2	1.4	1.6	.5		
Fluid milk:																
Production on farms.....mil. lb.	121,294	123,896	9,967	10,125	9,790	10,251	10,476	9,839	10,860	10,770	11,095	10,435	10,293	10,135	9,736	9,926
Utilization in manufactured dairy products.....do	84,720	85,072	6,678	6,633	6,425	6,948	7,189	6,878	7,866	7,654	8,075	7,553	6,851	6,970	6,505	
Price, wholesale, U.S. average.....\$ per 100 lb.	12.53	12.22	12.40	13.00	13.40	13.50	13.40	13.10	12.70	12.30	12.20	12.30	12.60	13.20	14.00	14.50
Dry milk:																
Production:																
Dry whole milk.....mil. lb.	145.9	172.3	14.7	14.2	12.9	14.2	15.3	13.9	13.5	14.3	14.1	13.9	12.7	14.5	13.9	
Nonfat dry milk (human food).....do	1,056.8	978.5	59.2	56.8	54.3	75.8	87.1	85.6	95.7	99.8	99.8	81.0	60.8	53.9	46.3	
Stocks, manufacturers', end of period:																
Dry whole milk.....do	8.0	12.8	11.2	10.6	10.8	12.8	12.9	10.9	10.1	11.7	10.1	10.9	9.0	8.9	6.2	
Nonfat dry milk (human food).....do	65.1	45.1	44.4	49.9	39.1	45.1	60.4	79.8	84.6	97.9	98.4	77.5	66.7	56.9	44.6	
Exports, whole and nonfat (human food).....thous. met. tons.	175.9	153.1	16.0	12.0	13.3	14.6	116.0	8.0	16.2	17.9	17.5	24.9	18.9	20.3		
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.793	.773	.807	.826	.841	.849	.853	.841	.816	.828	.834	.854	.908	.979	1.064	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat).....mil. bu.	2,920.4	3,448.3	289.2	273.4	246.6	295.4	(¹²)									
Barley:																
Production (crop estimate).....mil. met. tons.	211,529	26,391														58,808
Stocks (domestic), end of period, total.....do	47,307	78,109			8,109			16,113			4,278			9,090		
On farms.....do	4,222	73,980			3,980			12,687			1,842			5,516		
Off farms.....do	3,085	4,129			4,129			3,426			2,436			3,574		
Exports, including malt \$.....thous. met. tons.	3,114.5	2,244.4	192.2	48.5	68.4	336.1	116.4	6.9	47.9	308.6	223.8	171.4	225.7	213.1		
Producer Price Index, No. 2 feed, Minneapolis.....1982=100	1085.7	1110.4	138.7	120.2	117.5	110.2	114.9	118.6	130.1	132.2	130.6	106.6	117.5	114.9	112.3	112.8
Corn:																
Production (crop estimate, grain only).....mil. met. tons.	2179.44	2125.00														1192.79
Stocks (domestic), end of period, total.....do	7248.20	7179.63			179.63			192.19			386.35			49.03		
On farms.....do	7154.95	7108.72			108.72			76.74			51.36			24.58		
Off farms.....do	793.25	770.90			70.90			55.45			35.49			24.46		
Exports, including meal and flour.....do	40.81	46.32	3.90	4.42	3.79	4.38	114.46	3.94	5.17	4.51	5.38	5.08	3.39	2.72		
Producer Price Index, No. 2, Chicago.....1982=100	67.7	89.1	112.8	114.4	104.2	106.4	113.0	108.7	111.6	106.9	111.1	103.1	102.4	94.8	94.7	91.8
Oats:																
Production (crop estimate).....mil. met. tons.	25,429	23,176														55,381
Stocks (domestic), end of period, total.....do	1,926	1,626									1,427					
On farms.....do	1,499	1,116									870					
Off farms.....do	427	510									557					
Exports, including oatmeal.....metric tons.	30,213	29,989	2,057	1,119	2,420	994	113,212	2,676	14,769	4,402	6,436	2,353	5,064	3,138		
Producer Price Index, No. 2, Minneapolis.....1982=100	1092.5	1135.4	163.8	156.1	143.2	142.6	155.3	133.4	131.8	118.1	117.0	104.9	92.5	85.3	84.5	82.4
Rice:																
Production (crop estimate).....mil. met. tons.	25,379	27,237														17,095
Southern States mills:																
Receipts, rough, from producers.....mil. lb.	9,533	8,985	2,587	2,063	640	614	784	957	997	1,037	631	516	428			
Shipments from mills, milled rice.....do	7,791	6,722	700	677	633	775	609	656	855	705	749	780	616			
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	2,689	2,011	1,870	2,529	2,397	2,011	2,059	2,056	1,884	1,915	1,618	1,171	889			
Exports.....thous. met. tons.	2,380	2,199	163	235	238	274	11231	212	308	206	345	201	270	178		
Producer Price Index, medium grain, milled.....1982=100	83.3	112.6	111.9	106.7	104.4	103.9	103.9	103.9	104.2	104.7	108.9	110.8	111.6	112.1	110.9	111.1
Rye:																
Production (crop estimate).....mil. met. tons.	2,503	2,382														3,346
Producer Price Index, No. 2, Minneapolis.....1982=100	54.7	69.1	81.3	71.8	77.9	82.8	79.1	79.1	76.2	79.1	77.7	55.7	60.1	59.3	60.8	68.9
Wheat:																
Production (crop estimate), total																
Spring wheat.....mil. met. tons.	257.36	249.30														55.57
Winter wheat.....do	14.76	6.81														16.06
Distribution, quarterly @.....do	42.60	42.49			14.97			13.41			14.50					39.51
Stocks (domestic), end of period, total.....do	68.06	46.54			46.54			33.25			18.99			52.00		
On farms.....do	26.29	16.71			16.71			12.44			7.76			22.37		
Off farms.....do	41.77	29.83			29.83			20.81			11.23			29.63		
Exports, total, including flour.....do	31.79	41.33	3.44	2.63	2.56	2.91	112.23	3.59	3.99	3.23	2.66	2.49	3.79	3.71		
Wheat only.....mil. bu.	1,106.7	1,469.2	124.8	91.2	90.7	99.8	(¹²)									

See footnotes at end of tables.

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	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
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..	70.6	*90.8	101.7	105.3	103.6	105.2	110.1	108.0	114.6	108.3	115.0	111.2	107.3	106.6	105.2	105.6
Hard red spring, No. 1, ord. protein (Minn.) 1982=100..	68.8	*93.1	104.0	106.2	102.7	103.3	111.5	108.9	113.4	109.4	114.6	107.5	106.1	106.9	106.1	106.2
Wheat flour:																
Production:																
Flour.....thous. sacks (100 lb.)..	341,565	344,154	29,415	31,340	31,135	28,450	29,084	27,109	26,963	27,186	23,607	26,644	26,598	*32,334	29,827	.....
Millfeed.....thous. sh. tons..	6,260	6,163	533	555	563	554	518	479	480	482	505	480	497	*589	536	.....
Grindings of wheat.....thous. bu..	767,384	769,699	66,037	69,983	69,662	63,833	64,991	60,789	60,387	60,659	64,739	59,645	61,268	*74,073	68,375	.....
Stocks held by mills, end of period thous. sacks (100 lb.)..	5,858	4,800	5,303	.....	.....	4,800	.....	.....	4,423	.....	5,253	.....	.....	5,593	.....	.....
Exports.....thous. met. tons..	1,196.00	960.80	31.30	109.40	65.60	135.70	*81.70	129.32	134.88	128.48	103.44	17.78	35.74	114.51	.....	.....
Producer Price Index.....6/83=100..	89.7	102.0	110.0	110.5	109.0	109.1	110.7	110.0	112.4	109.5	112.0	*112.7	110.9	110.2	109.2	108.3
POULTRY AND EGGS																
Poultry:																
Slaughter.....mil. lb..	19,886	20,520	*1,793	1,750	1,672	1,607	1,694	1,574	1,830	1,653	1,951	1,959	1,777	*2,089	1,862	.....
Stocks, cold storage (frozen), end of period, total.....mil. lb..	501	451	761	781	510	451	462	455	458	488	552	657	686	*769	781	.....
Turkeys.....do.....	266	250	573	583	304	250	263	263	269	299	356	455	497	*569	574	.....
Price, in Georgia producing area, live broilers.....\$ per lb..	.265	.315	.390	.335	.330	.335	.340	.330	.330	.375	.440	.410	.375	.355	.355	.290
Eggs:																
Production on farms.....mil. cases \$..	193.2	193.0	15.5	16.2	15.8	16.2	15.9	14.4	16.0	15.4	15.8	15.2	15.6	15.5	15.1	15.7
Stocks, cold storage, end of period:																
Shell.....thous. cases \$..	43	9	23	24	26	9	12	7	16	18	26	27	12	17	23	6
Frozen.....mil. lb..	17	20	22	20	18	20	20	19	15	15	16	15	16	15	14	16
Price, wholesale, large (delivered; Chicago) \$ per doz..	.579	.583	.714	.631	.622	.661	.678	.666	.910	.716	.698	.720	.718	.796	.772	.794
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals..	2,679	2,411	207	197	202	203	196	175	194	152	157	161	169	189	173	191
Cattle.....do.....	34,468	34,048	2,927	2,871	2,698	2,685	2,711	2,500	2,744	2,576	2,947	2,951	2,730	2,975	2,706	2,876
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb..	64.60	69.58	67.71	69.13	70.07	71.21	72.35	72.92	75.81	75.31	74.52	71.71	70.74	71.09	68.44	69.69
Steers, stocker and feeder (Kansas City).....do.....	71.82	80.50	79.89	82.99	81.31	80.99	82.02	82.91	80.98	78.58	78.25	79.08	81.64	84.54	83.56	81.24
Calves, vealers (So. St. Paul).....dollars \$.	73.92	*227.67	*202.44	213.75	230.88	225.63	230.25	225.06	257.50	266.25	260.05	258.44	246.88	263.00	253.75	244.38
Hogs:																
Slaughter (federally inspected).....thous. animals..	78,913	85,516	7,534	7,887	7,908	7,708	7,116	6,619	7,569	7,199	7,277	6,881	6,131	7,392	7,493	7,823
Prices:																
Wholesale, average, all weights (Sioux City) \$ per 100 lb..	47.11	43.25	41.28	38.92	36.52	40.58	41.64	41.11	39.88	37.22	42.40	46.24	47.26	47.04	44.58	47.49
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	33.6	19.9	15.7	15.0	14.4	15.7	15.7	15.7	15.2	14.4	16.1	17.9	18.6	20.2	*19.1	21.3
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals..	5,042	5,122	452	437	418	447	418	415	505	393	435	423	398	476	440	468
Price, wholesale, lambs, average (Omaha) \$ per 100 lb..	75.77	60.71	58.35	60.44	61.90	64.75	66.25	66.83	69.50	74.50	73.75	68.56	65.73	63.31	56.67	58.33
MEATS																
Total meats (excluding lard):																
Production, total.....mil. lb..	38,442	39,763	3,462	3,511	3,399	3,358	3,265	3,003	3,326	3,130	3,396	3,342	3,047	3,482	3,317	3,524
Stocks, cold storage, end of period.....do.....	623	716	644	664	701	716	745	762	749	767	735	686	654	579	559	535
Exports (meats and meat preparations) thous. met. tons..	915	1,081	99	102	103	105	*84	91	108	105	110	119	116	117	.....	.....
Imports (meats and meat prep- arations).....do.....	1,250	1,263	91	88	89	74	*114	86	96	91	98	94	91	95	.....	.....
Beef and veal:																
Production, total.....mil. lb..	23,821	23,811	2,074	2,041	1,909	1,904	1,928	1,772	1,920	1,784	2,027	2,051	1,916	2,120	1,940	2,072
Stocks, cold storage, end of period.....do.....	293	323	311	300	305	323	322	321	305	280	251	248	255	248	*237	227
Exports.....thous. met. tons..	394	443	44	45	46	40	*36	37	49	45	47	55	57	53	.....	.....
Imports.....do.....	725	753	53	48	50	34	*72	50	56	53	60	56	59	59	.....	.....
Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb..	.972	1.081	1.032	1.044	1.047	1.062	1.073	1.080	1.124	1.138	1.126	1.064	1.049	1.043	1.021	1.031
Lamb and mutton:																
Production, total.....mil. lb..	310	329	28	28	27	29	27	27	33	26	28	26	25	29	28	30
Stocks, cold storage, end of period.....do.....	3	6	7	6	6	6	7	6	7	6	7	8	8	8	7	8
Pork (excluding lard):																
Production, total.....do.....	14,312	15,623	1,860	1,443	1,463	1,425	1,310	1,204	1,373	1,321	1,341	1,266	1,107	1,333	1,349	1,421
Stocks, cold storage, end of period.....do.....	285	358	288	321	361	358	381	397	394	438	431	383	347	281	*280	272
Exports.....thous. met. tons..	70	147	12	15	15	14	*11	10	11	12	13	13	13	12	.....	.....
Imports.....do.....	461	439	33	34	32	34	*36	31	34	33	33	32	25	30	.....	.....
Prices:																
Producer Price Index, Hams, smoked 1982=100..	104.2	*96.2	94.5	98.4	99.1	100.2	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fresh loins, 8-14 lb. average, wholesale (N.Y.).....\$ per lb..	1.265	1.188	1.215	1.071	.996	1.132	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans, imports (including shells).....thous. met. tons..																
	262.6	236.7	8.9	8.7	13.7	31.0	*44.2	24.0	30.4	28.9	24.6	18.4	18.1	23.4	.....	.....
Coffee:																
Imports, total.....metric tons..	1,194,360	920,040	74,230	76,320	71,700	61,620	*98,070	77,714	82,072	83,874	77,223	71,164	99,368	119,698	.....	.....
From Brazil.....do.....	235,680	252,780	26,280	38,520	12,180	14,400	*24,616	20,282	24,413	31,128	12,053	14,530	18,678	19,526	.....	.....
U.S. Import Price Index †.....1985=100..	81.6	91.0	88.7	.....	.....	90.1	.....	.....	89.5	.....	.....	86.5	.....	.....	53.1	.....
Fish:																
Stocks, cold storage, end of period.....mil. lb..	411	394	397	407	393	394	392	353	330	330	357	374	386	428	444	*428

See footnotes at end of tables.

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	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.																
MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar:																
Exports, raw and refined..... metric tons..	560,592	877,365	23,016	38,223	16,816	615,552	² 24,230	36,168	27,170	27,337	22,806	33,808	18,350	45,586		
Imports, raw and refined..... thous. met. tons..	1,157	1,213	99	164	90	134	¹ 104	112	152	84	126	149	181	226		
Producer Price Indexes:																
Raw (cane)..... 1982=100..	110.3	¹ 111.9	111.6	110.7	110.2	112.0	111.0	111.9	112.3	112.3	113.8	115.4	118.5	118.3	119.0	117.8
Refined..... do.....	106.4	¹ 108.9	109.9	112.3	112.2	113.7	115.8	115.8	116.0	115.8	116.9	¹ 117.6	118.1	118.5	121.1	120.6
Tea, imports..... metric tons..	77,390	90,143	5,860	5,642	6,792	7,959	¹ 6,610	5,966	8,290	7,170	7,193	7,124	7,394	6,790		
TOBACCO																
Leaf:																
Production (crop estimate)..... mil. lb..	¹ 1,191	¹ 1,370														¹ 1,466
Stocks, dealers' and manufacturers', end of period..... do.....	4,480	4,020	3,933			4,020			3,825			3,514				
Exports, incl. scrap and stems..... metric tons..	193,178	216,481	14,279	14,806	20,886	20,588	² 25,916	25,393	22,177	19,356	14,701	11,696	6,990	10,684		
Imports, incl. scrap and stems..... do.....	222,197	196,429	20,404	16,088	12,218	5,248	¹ 14,603	11,507	12,411	19,382	16,202	11,032	20,427	18,418		
Manufactured products:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt..... millions..	111,199	132,953	11,682	11,338	15,585	12,158	10,947	11,702	11,419	9,502	12,800	13,027	11,668			
Taxable..... do.....	577,008	543,378	51,941	46,871	56,264	89,548	46,915	41,986	51,723	44,351	52,858	51,549	26,757			
Cigars (large), taxable..... do.....	2,676	2,430	237	208	200	189	164	164	209	174	241	246	158			
Exports, cigarettes..... do.....	100,246	118,499	10,557	10,501	10,214	11,146	¹ 8,661	2,187	1,731	9,129	1,248	1,701	772	3,046		

LEATHER AND PRODUCTS

LEATHER																
Exports:																
Upper and lining leather..... thous. sq. ft..	194,152	215,358	21,022	22,556	15,835	22,519										
Producer Price Index, leather..... 1982=100..	140.9	¹ 167.5	168.8	170.7	166.0	164.9	166.6	169.4	170.2	168.2	166.7	¹ 168.0	170.0	171.2	172.3	174.0
LEATHER MANUFACTURES																
Footwear:																
Production, total..... thous. pairs..	² 230,046	² 235,141	² 21,282	² 21,218	² 21,280	¹ 17,623	18,070	18,455	19,590	16,606	18,725	17,506	13,691	19,156		
Shoes, sandals, and play shoes, except athletic..... thous. pairs..	¹ 165,184	162,507	¹ 14,845	¹ 14,406	¹ 13,598	¹ 12,324	12,428	(³)—	(³)—	(³)—	(³)—	11,538	9,183	12,402		
Slippers..... do.....	² 50,281	² 55,181	² 4,688	² 4,948	² 5,879	² 3,275	4,752	5,241	5,783	4,385	5,135	5,256	3,889	5,924		
Athletic..... do.....	¹ 14,581	17,453	¹ 1,749	¹ 1,864	¹ 1,803	² 2,024	885	(³)—	(³)—	(³)—	(³)—	712	619	830		
Other footwear..... do.....	³ 3,341	³ 3,410	³ 369	³ 261	³ 269	³ 212	253	260	281	271	267	266	240	329		
Exports..... do.....	14,713	18,394	1,635	1,483	1,652	1,438										
Producer Price Indexes:																
Men's leather upper, dress and casual 1982=100..																
	111.4	¹ 121.3	123.2	123.1	123.5	124.6	125.2	125.8	126.0	125.1	125.0	125.0	125.3	129.0	130.6	130.9
Women's leather upper..... do.....																
	107.2	¹ 112.5	113.3	113.5	114.0	114.0	114.2	114.9	114.9	115.3	114.8	¹ 114.5	116.2	118.4	118.1	118.2
Women's plastic upper..... do.....																
	104.9	¹ 107.5	107.7	105.9	108.4	109.4	109.5	110.0	110.0	109.8	109.9	110.3	110.8	109.1	110.0	109.2

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total..... mil. bd. ft..	² 49,395	² 49,576	4,180	4,040	3,715	3,641	3,849	3,311	3,758	3,773	4,025	4,273	3,677			
Hardwoods..... do.....	² 11,160	² 11,446	1,003	778	747	690	768	713	687	829	864	799	671			
Softwoods..... do.....	² 38,235	² 38,130	3,177	3,262	2,968	2,951	3,081	2,598	3,071	2,944	3,161	3,474	3,006			
Shipments, total..... do.....	² 49,761	² 49,134	4,038	3,871	3,656	3,649	3,914	3,417	3,877	3,846	4,163	4,420	3,754			
Hardwoods..... do.....	² 11,460	² 11,163	921	787	716	665	781	743	826	874	937	891	752			
Softwoods..... do.....	² 38,301	² 37,971	3,117	3,134	2,940	2,984	3,133	2,674	3,051	2,972	3,226	3,529	3,002			
Stocks (gross), mill, end of period, total..... do.....																
	6,183															
Hardwoods..... do.....																
	1,412															
Softwoods..... do.....																
	4,840	4,999	4,823	4,951	4,979	4,999	4,896	4,818	4,837	4,810	4,740	4,746	4,748			
Exports, total sawmill products..... do.....																
Imports, total sawmill products..... thous. m ³ ..	35,912	33,547	2,846	2,872	2,695	2,190	¹ 6,026	5,036	5,868	5,405	5,432	5,301	4,205	6,479	5,146	
SOFTWOODS																
Douglas fir:																
Orders, new..... mil. bd. ft..	10,325	10,081	955	848	694	956	926	607	877	787	741	981	762	800	853	
Orders, unfilled, end of period..... do.....	548	636	622	611	548	636	694	617	659	626	592	583	565	540	533	
Production..... do.....	10,354	10,029	897	897	782	836	834	621	797	759	793	948	778	806	815	
Shipments..... do.....	10,445	9,943	882	859	757	868	868	684	835	770	775	940	780	825	810	
Stocks (gross), mill, end of period..... do.....	790	876	845	888	908	876	842	779	741	730	748	756	754	735	740	
Exports, total sawmill products..... thous. m ³ ..	1,614	2,202	198	196	184	201	¹ 206	196	227	267	186	211	144	245	200	
Sawed timber..... do.....	326	342	24	26	33	24	¹ 50	23	28	29	22	24	11	33	28	
Boards, planks, scantlings, etc..... do.....	1,288	1,860	175	170	151	177	¹ 156	173	199	239	163	187	134	213	172	
Producer Price Index, Douglas fir, dressed 1982=100..	125.1	135.7	142.7	140.5	138.7	133.6	135.9	140.7	142.0	154.3	159.9	¹ 163.0	167.8	162.4	161.3	158.1

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	Unless otherwise stated in footnotes below, data through 1988 and methodological notes are as shown in BUSINESS STATISTICS: 1986															
LUMBER AND PRODUCTS—Continued																
SOFTWOODS—Continued																
Southern pine:																
Orders, new.....mil. bd. ft.	'12,614	'12,597	1,109	1,133	1,151	913	1,067	869	974	1,107	1,236	1,176	942			
Orders, unfilled, end of period.....do	837	834	717	772	852	834	756	756	733	775	797	775	715			
Production.....do	'12,473	'12,676	1,056	1,089	1,028	971	1,067	945	1,047	1,064	1,123	1,153	982			
Shipments.....do	'12,487	'12,600	1,087	1,078	1,069	933	1,099	917	995	1,064	1,213	1,199	1,002			
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	1,996	2,072	2,057	2,068	2,028	2,072	2,036	2,062	2,113	2,114	2,025	1,984	1,962			
Exports, total sawmill products.....cu. meters	621,072	1,237,638	123,175	124,101	161,903	171,664	'108,674	109,939	109,762	124,827	92,324	68,080	86,351	126,304	58,860	
Producer Price Index, southern pine, dressed.....1982=100	114.1	112.4	101.6	102.9	108.5	109.5	110.0	109.7	107.9	106.1	104.5	'108.8	113.1	107.3	105.5	112.1
Western pine:																
Orders, new.....mil. bd. ft.	11,427	11,426	934	962	853	994	1,027	754	1,035	847	904	1,058	888	984	988	
Orders, unfilled, end of period.....do	524	537	505	519	485	537	627	593	591	542	546	581	558	541	533	
Production.....do	11,407	11,395	983	1,026	927	926	926	815	993	884	915	1,023	934	1,017	915	
Shipments.....do	11,354	11,413	931	948	887	942	987	848	977	896	900	1,023	911	1,001	946	
Stocks (gross), mill, end of period.....do	1,365	1,347	1,245	1,323	1,363	1,347	1,336	1,303	1,319	1,307	1,322	1,322	1,345	1,361	1,330	
Producer Price Index, other softwood, dressed.....1982=100	119.0	120.1	119.9	118.0	117.3	116.5	118.4	122.2	124.5	128.5	131.7	'131.2	131.1	129.3	127.3	127.1
HARDWOOD FLOORING																
Oak:																
Orders, unfilled, end of period.....mil. bd. ft.	11.0	8.9	8.6	10.3	10.2	8.9	9.6	12.2	14.1	15.0	15.1	15.6	12.8	11.9	10.6	
Shipments.....do	173.8	193.0	16.4	16.3	14.9	15.3	16.1	14.5	21.0	16.8	17.5	18.9	14.6	19.1	19.0	
Stocks (gross), mill, end of period.....do	8.7	10.9	10.5	10.9	11.3	10.9	10.6	12.0	10.4	9.8	10.5	11.0	8.9	9.8	8.8	
METALS AND MANUFACTURES																
IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons	1,129	2,069	207	244	243	437	257	237	606	334	355	403	303	461		
Scrap.....do	10,367	10,093	935	579	806	964	1,887	768	1,106	785	1,126	1,260	1,101	1,233		
Pig iron.....do	50	71	17	2	1	1	(*)	(*)	(*)	1	1	1	1	1		
Imports:																
Steel mill products.....do	20,414	'20,891	1,648	1,553	1,846	1,420	1,784	1,336	1,216	1,341	1,472	1,549	1,458	1,531		
Scrap.....do	843	1,038	136	94	124	77	129	91	78	138	101	114	72	74		
Pig iron.....do	355	700	25	99	74	16	18	36	11	93	55	33	45	40		
Iron and Steel Scrap																
Production.....thous. sh. tons	24,730	'27,601	2,296	2,353	2,294	2,221	2,275	2,182	2,324	2,258	2,297	'2,182	1,871	2,007		
Receipts, net.....do	46,105	'49,946	4,256	4,390	4,085	3,743	4,032	4,092	4,360	4,175	4,086	4,019	3,545	3,638		
Consumption.....do	69,615	'76,904	6,553	6,606	6,336	6,044	6,563	6,189	6,699	6,557	6,526	'6,216	5,647	5,815		
Stocks, end of period.....do	4,821	4,552	4,640	4,779	4,828	4,552	4,634	4,724	4,736	4,725	4,572	4,623	4,456	4,489		
Composite price, No. 1 heavy melting scrap: American Metal Market *.....\$ per long ton	85.76	108.98	110.67	110.81	109.17	107.28	113.90	116.07	112.52	112.20	113.09	111.67	107.33	104.86	102.62	
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. met. tons	47,566	'57,347	4,821	4,910	4,705	4,793	'4,890	4,228	4,841	4,426	5,325	5,195	5,357	4,876		
Shipments from mines.....do	47,900	'56,694	5,527	5,550	4,890	5,653	'2,155	1,153	1,317	5,418	6,243	6,495	6,289	6,220		
Imports.....do	16,367	20,126	2,537	1,432	1,442	1,811	'814	1,384	1,249	1,599	2,284	2,176	2,032			
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....thous. met. tons	59,534	'73,216	6,907	6,673	6,348	7,166	'4,162	3,295	3,903	5,996	7,331	6,850	7,178	7,342	6,699	
Consumption at iron and steel plants.....do	61,043	'71,863	5,821	6,010	5,696	5,965	'6,687	5,981	6,662	6,677	6,230	6,216	6,045	5,737	5,764	
Exports (domestic).....do	6,219	5,286	364	573	484	798	'344	2	3	606	605	780	393			
Stocks, total, end of period.....do	21,279	23,490	22,928	22,855	23,212	23,490	'23,189	23,252	22,685	21,145	21,670	21,544	22,286	22,275		
At mines.....do	2,297	3,296	5,373	4,356	4,171	3,296	'6,029	9,099	12,123	11,131	10,213	8,949	8,008	6,664		
At furnace yards.....do	16,565	18,004	15,454	16,175	16,886	18,004	'15,435	12,749	9,991	9,310	10,396	11,002	12,239	13,844	14,780	
At U.S. docks.....do	2,056	2,190	2,101	2,325	2,155	2,190	'1,725	1,404	571	704	1,061	1,593	2,039	1,767	1,804	
Manganese (manganese content), general imports.....do	814	1,123	83	78	112	119	(*)									
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys).....thous. sh. tons	'48,410	'55,745	4,612	4,646	4,455	4,712	4,964	4,654	5,112	4,990	4,917	4,707	4,604	4,172	4,403	4,692
Consumption.....do	'50,030	'59,047	4,759	4,766	4,611	4,874	5,203	4,882	5,348	5,063	5,012	'4,792	4,391			
Stocks, end of period.....do	281	207	241	242	236	206	268	281	264	269	278	264	247			
Castings, gray and ductile iron:																
Shipments, total.....thous. sh. tons	8,606	8,514	744	805	701	605	682	623	714	696	743	649	'512	630		
For sale.....do	6,002	5,717	504	516	500	412	448	437	452	485	542	468	'396	468		
Castings, malleable iron:																
Shipments, total.....do	318	364	31	31	23	28	28	25	30	24	27	25	'16	25		
For sale.....do	168	192	16	15	10	14	13	13	14	11	12	11	'7	13		

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES—Continued																
Steel, Raw and Semifinished																
Steel (raw):																
Production.....thous. sh. tons..	'89,151	'99,924	8,237	8,382	7,883	7,954	8,729	8,022	8,997	8,738	8,633	8,171	7,955	7,790	7,617	8,175
Rate of capability utilization.....percent..	79.5	89.2	90.1	87.7	85.8	83.8	88.2	89.8	90.9	92.2	88.1	86.2	80.8	79.2	80.0	83.0
Steel castings:																
Shipments, total.....thous. sh. tons..	830	1,013	99	94	92	95	94	87	112	101	111	101	*84	99		
For sale, total.....do.....	797	997	98	93	91	94	93	86	110	100	110	100	*88	97		
Steel Mill Products																
Steel products, net shipments:																
Total (all grades).....thous. sh. tons..	76,654	'83,840	6,922	6,912	6,712	6,738	7,278	6,892	7,824	7,164	7,446	7,331	6,837	7,224		
By product:																
Semifinished products.....do.....	'5,456	'5,975	486	490	453	468	550	507	535	520	541	532	458	505		
Structural shapes (heavy), steel piling.....do.....	5,120	'5,209	453	422	411	508	504	451	494	470	474	459	392	433		
Plates.....do.....	4,048	'7,328	627	577	543	367	601	570	661	629	623	645	601	661		
Rails and accessories.....do.....	515	'615	45	89	42	36	44	49	60	53	59	51	46	39		
Bars and tool steel, total.....do.....	'13,575	'14,439	1,167	1,203	1,185	1,121	1,326	1,177	1,294	1,205	1,236	1,168	1,109	1,263		
Bars: Hot rolled (including light shapes).....do.....	7,238	'7,834	637	657	664	593	736	626	689	667	678	614	561	632		
Bars: Reinforcing.....do.....	'4,918	'5,092	411	424	404	418	443	421	461	407	425	427	442	508		
Bars: Cold finished.....do.....	1,361	1,499	113	116	111	105	142	125	137	125	121	121	101	118		
Pipe and tubing.....do.....	3,570	4,443	319	321	291	302	302	280	362	322	354	370	324	388		
Wire-drawn and/or rolled.....do.....	1,105	1,073	87	82	88	67	87	86	97	95	95	80	83	89		
Tin mill products.....do.....	3,988	4,069	322	323	321	489	288	278	356	323	363	372	328	366		
Sheets and strip (including electrical), total.....do.....	39,279	40,639	3,416	3,445	3,384	3,360	3,577	3,433	3,965	3,544	3,701	3,638	3,047	3,485		
Sheets: Hot rolled.....do.....	13,048	12,589	1,044	1,032	1,042	1,099	1,025	1,087	1,265	1,090	1,096	1,083	918	1,093		
Sheets: Cold rolled.....do.....	13,859	13,871	1,149	1,159	1,129	1,072	1,217	1,137	1,326	1,192	1,301	1,270	1,066	1,163		
By market (quarterly):																
Service centers and distributors.....do.....	'18,629	18,980	4,537			4,197			4,720		4,817	'2,499	'2,552			
Construction, incl. maintenance.....do.....	5,619	6,014	1,460			1,398			1,595		1,749	'2,573	'2,595			
Contractors' products.....do.....	2,701	2,815	691			681			678		740	'2,239	'2,256			
Automotive.....do.....	'11,135	12,078	2,901			3,046			3,235		3,020	'2,676	'2,936			
Rail transportation.....do.....	734	1,116	176			270			296		306	'2,154	'2,185			
Machinery, industrial equip., tools.....do.....	2,096	2,537	598			601			617		575					
Containers, packaging, ship. materials.....do.....	4,371	4,423	1,121			1,163			1,016		1,139	'2,387	'2,399			
Other.....do.....	'31,937	'36,011	8,790			8,944			9,704		9,635	'2,786	'3,206			
Producing steel mills, inventory, end of period:																
Total.....mil. sh. tons..	11.3	13.1	12.9	13.0	13.1	13.1	13.1	13.1	13.0	13.4	13.3	13.2	13.6	13.3		
Steel in process.....do.....	6.7	7.9	7.7	7.8	7.8	7.9	7.9	7.8	7.7	7.9	7.8	7.8	8.0	7.8		
Finished steel.....do.....	4.6	5.2	5.2	5.2	5.3	5.2	5.2	5.3	5.3	5.5	5.5	5.4	5.6	5.5		
Steel service centers (warehouses), inventory, end of period.....mil. sh. tons..	6.4	6.5	6.9	6.7	6.6	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.0		
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores).....thous. met. tons..	3,343	3,944	327	339	332	344	346	312	347	334	347	335	346	341		
Recovery from scrap.....do.....	'1,986	'2,122	167	177	163	156	167	157	182	174	176	177	161	159		
Imports:																
Metal and alloys, crude.....do.....	'1,250.1	'1,030.6	'92.4	'81.9	'82.0	'55.0	'99.4	78.6	83.3	92.4	75.5	78.9	71.8			
Plates, sheets, bars, etc.....do.....	'410.3	'388.5	'29.8	'29.7	'28.5	'26.9	'35.6	24.4	31.6	30.9	30.4	32.0	27.3			
Exports:																
Metal and alloys, crude.....do.....	'281.1	'400.1	'39.0	'25.7	'47.5	'51.3	'34.8	41.8	40.2	33.3	34.1	44.6	46.2			
Plates, sheets, bars, etc.....do.....	'258.1	'342.5	'32.0	'31.0	'24.0	'31.5	'20.7	35.8	43.1	35.7	60.4	37.4	35.1			
Price, U.S. market, 99.7% purity, monthly average.....\$ per lb..	7230	1,1009	1,1138	1,0472	1,0735	1,1000	1,0772	.9958	.9578	.9638	.9780	.8766	.8040	.8187	.7830	.7976
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.).....mil. lb..	15,584	15,453	1,334	1,293	1,322	1,155	'1,230	'1,249	'1,440	'1,267	'1,362	1,399	'1,251	1,348		
Mill products, total.....do.....	12,234	12,273	1,061	1,029	979	911	'1,010	'1,013	'1,206	'1,067	'1,120	1,116	'1,019	1,095		
Sheet and plate.....do.....	7,379	7,384	636	604	577	566	681	630	774	657	702	696	'641	687		
Castings.....do.....	2,220	2,325	199	210	209	178	231	220	234	218	229	206	'135	198		
Inventories, total (ingot, mill products, and scrap), end of period.....mil. lb..	4,175	4,151	4,175	4,134	4,119	4,151	4,139	4,163	4,160	4,246	4,262	4,275	'4,474	4,370		
Copper:																
Production:																
Mine, recoverable copper.....thous. met. tons..	1,255.9	'1,419.6	120.1	123.8	121.1	124.8	126.4	120.7	133.8	125.1	127.1	121.3	122.0	126.8		
Refined from primary materials.....do.....	1,146.1	'1,406.0	112.2	120.3	123.3	123.9	121.0	114.1	125.3	115.4	130.3	'125.3	120.0	128.0		
Electrolytically refined:																
From domestic ores @.....do.....	'988.1	'1,178.0	91.9	98.9	102.3	102.2	99.4	94.3	102.4	92.3	105.8	'102.2	97.0	103.3		
From foreign ores.....do.....	'158.0	'228.0	20.3	21.4	21.0	21.7	21.6	19.8	22.9	23.1	24.5	23.1	23.0	24.7		
Electrowon.....do.....	414.7	'453.3	42.3	37.0	37.5	40.2	37.4	40.8	47.0	'40.1	41.7	42.8	37.9	42.7		
Refined from scrap.....do.....																
Imports, unmanufactured:																
Refined, unrefined, scrap (copper cont.).....do.....	657.3	626.1	42.4	62.1	59.4	44.0	'40.8	33.0	25.0	35.9	'32.6	28.2				
Refined.....do.....	515.6	390.4	25.7	44.2	39.2	20.2	'32.7	24.8	18.7	20.9	'24.1	'25.9	20.9			
Exports:																
Refined and scrap.....do.....	454.8	707.7	111.3	48.6	56.1	54.5	'32.5	41.0	41.3	'56.6	24.2	46.5	71.1			
Refined.....do.....	17.9	66.5	14.3	2.3	4.0	4.5	'6.2	4.8	5.9	13.5	4.3	6.6	21.4			
Consumption, refined (reported by mills, etc.).....do.....	'2,152	'2,210	'187	'194	'190	'177	'188	'173	'183	'178	'196	'195	'156	193		
Stocks, refined, end of period.....do.....	113	98	90	81	81	98	97	101	103	101	106	100	105	98		
Price, avg. U.S. producer cathode, delivered \$ per lb..	8250	1,2051	1,1612	1,3805	1,5232	1,6127	1,5777	1,4021	1,4849	1,4349	1,2715	1,1590	1,1349	1,2743		

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	METALS AND MANUFACTURES—Continued															
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products.....mil. lb.	2,624															
Copper wire mill products (copper content).....do	1,922															
Brass and bronze foundry products.....do	528															
Lead:																
Production:																
Mine, recoverable lead.....thous. met. tons.	311.3	'385.0	33.1	34.4	31.1	31.8	33.3	31.0	34.4	33.2	33.8	36.1	33.2	38.4		
Recovered from scrap (lead cont.).....do	'710.2	'737.0	60.7	61.8	61.6	59.7	62.1	58.6	67.5	64.1	65.3	66.3	61.6	65.9		
Imports, ore (lead content).....do	240.3	256.6	23.3	21.3	23.5	19.1	'17.2	8.6	7.3	6.5	9.8	10.4	9.0			
Consumption, total.....do	1,280.4	1,230.7	103.0	110.6	103.4	95.1	104.7	98.3	101.2	99.2	101.3	101.6	'95.2	105.3		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons.	59.2	66.9	79.9	70.8	68.7	66.9	60.1	55.2	57.8	54.9	63.6	67.3	73.2	77.8	73.7	83.0
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons.	21.6	15.4	4.6	10.6	11.9	15.4	26.0	33.0	39.1	37.5	29.7	29.0	31.4	27.9		
Consumers' (lead content).....do	88.6	'67.6	62.2	59.4	60.7	67.6	68.4	68.1	72.1	68.3	66.5	65.0	'65.9	63.9		
Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons.	24.0	'19.9	23.7	21.8	19.6	19.9	17.7	16.8	17.3	15.3	13.2	14.3	16.0	17.7		
Price, common grade, delivered @ @.....\$ per lb.	.3594	.3714	.3841	.3915	.4138	.4202	.4017	.3701	.3507	.3502	.3634	.3915	.4029	.4175		
Tin:																
Imports (for consumption):																
Ore (tin content).....metric tons	2,967	2,837	1,105	443		130	(3)-	149								
Metal, unwrought, unalloyed.....do	41,151	43,433	3,249	4,372	4,328	3,695	'3,614	2,114	2,839	2,490	2,610	2,372	2,833			
Recovery from scrap, total (tin cont.).....do	'16,159	'15,088	712	821	703	561	598	649	686	627	650	621	'526	634		
As metal.....do	'1,353	'578	96	96	96	96	11	47	47	47	47	47				
Consumption, total.....do	'44,219	'45,073	5,500	5,600	4,900	4,900	4,800	4,700	4,300	4,500	4,100	4,100	'4,000	4,200		
Primary.....do	'35,620	'37,008	4,400	4,500	3,800	3,800	3,700	3,700	3,300	3,400	3,400	3,100	'2,900	3,200		
Exports (metal).....do	1,701	1,573	171	197	94	45	'62	162	204	41	47	98	25			
Stocks, pig (industrial), end of period.....do	4,428	'4,943	4,171	4,371	4,781	4,943	4,242	3,894	4,320	3,717	4,945	4,912	'5,597	5,825		
Price, Straits quality (delivered).....\$ per lb.	4.1878	4.4142	4.6305	4.5462	4.5767	4.6029	4.6435	4.9165	5.4309	6.4213	6.2118	6.0796	5.6910	5.1789		
Zinc:																
Mine prod., recoverable zinc.....thous. met. tons.																
Imports:																
Ores (zinc content).....do	425.5	405.7	35.1	30.8	32.3	27.9	'3	1.1	2.2	1.5	3.1	8.4	.9			
Metal (slab, blocks).....do	705.9	740.8	61.2	63.9	64.2	47.4	'74.7	52.6	60.9	58.1	62.1	70.5	46.0			
Consumption (recoverable zinc content):																
Ores.....do	'2.5	2.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	
Scrap, all types.....do	'269.3	'253.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	20.6	20.6	20.6	20.6		
Slab zinc:																
Production, total.....thous. met. tons.	220.5	194.4	15.1	15.9	17.6	14.7	17.8	16.3	17.6	16.8	17.7	16.1	16.2	18.6	16.8	
Consumption, fabricators.....do	'1,052.0	'1,089.0	'100.0	97.5	87.2	88.1	'90.0	81.4	96.0	81.6	97.0	82.1	'76.1	80.0		
Exports.....do	1.1	.5	.2	.1	(2)-	(2)-	.2	.3	.4	.1	.9	.6				
Stocks, end of period:																
Producers', at smelter (ABMS).....do	7.0	5.6	9.4	6.3	5.4	5.6	5.0	4.0	3.3	3.8	4.1	3.6	3.9	4.8	3.8	
Consumers'.....do	57.1	'64.8	49.4	47.0	43.8	'64.8	50.5	54.2	50.4	48.3	48.8	50.2	'51.8	47.9		
Price, high grade.....\$ per lb.	.4192	.6020	.6826	.6945	.7125	.7344	.7927	.8770	.9371	.8852	.8464	.8059	.7967	.8132	.8108	
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #.....mil. \$.																
Electric processing heating equipment.....do	'368.3	'390.2	'113.5			'104.7			'107.2			'110.0				
Fuel-fired processing heating equip.....do	54.9	62.7	14.2			14.6			24.1			25.6				
Materials handling equipment, dollar value bookings index *.....1982=100	207.1	213.4	211.3	273.6	237.8	252.6	181.8	160.9	221.0	171.5	169.8	180.5				
Industrial supplies, machinery, and equipment:																
New orders index, seas. adjusted.....1977=100	128.7	138.2	134.9	141.0	142.7	146.5	156.6	159.0	156.4	153.0	147.3	142.0	141.3	147.1	157.9	
Industrial suppliers distribution:																
Sales index, seas. adjusted.....1977=100	149.1	164.0	179.7	170.1	166.7	167.6	177.2	175.7	175.6	196.3	193.1	183.2	175.5	197.5	192.8	
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.).....1977=100	166.6	172.2	173.9	174.2	174.8	176.0	177.6	178.3	179.5	180.1	181.0	182.1	182.8	183.1	184.3	
Fluid power products shipments indexes:																
Hydraulic products.....1985=100	107	129	132	134	125	132	140	141	158	151	150	148	130	147	138	
Pneumatic products.....do	105	120	124	125	118	114	130	128	150	129	148	144	123	141	127	
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total.....mil. \$.	1,451.45	2,707.90	266.50	215.40	188.35	246.40	167.00	214.95	220.60	152.80	147.90	158.85	133.20	156.25	192.45	
Domestic.....do	1,294.45	2,315.75	252.95	199.25	164.60	191.50	145.40	191.30	200.20	138.50	138.10	123.05	112.00	120.70	174.50	
Shipments, total.....do	1,676.50	1,574.55	151.20	145.90	170.80	209.35	102.85	151.25	227.45	134.05	158.40	235.70	175.60	169.90	228.50	
Domestic.....do	1,498.35	1,400.10	133.50	123.35	156.70	186.40	89.50	133.90	207.25	168.35	145.40	199.95	155.45	147.20	188.75	
Order backlog, end of period.....do	672.2	1,805.5	1,681.4	1,751.0	1,768.5	1,805.5	1,869.7	1,933.4	1,926.6	1,895.3	1,884.8	1,808.0	1,765.6	1,751.9	1,718.8	
Metal forming type tools:																
Orders, new (net), total.....do	667.35	882.95	61.70	46.85	90.65	70.05	63.85	67.00	69.90	89.75	57.35	81.85	57.55	70.85	110.15	
Domestic.....do	536.05	749.35	51.65	40.00	66.25	60.20	56.60	57.05	58.20	76.40	49.85	72.85	43.35	70.45	105.00	
Shipments, total.....do	647.15	824.55	76.35	66.25	86.75	83.20	49.35	77.55	79.20	65.50	82.35	91.85	62.10	55.90	53.50	
Domestic.....do	537.90	702.20	65.70	55.30	80.15	64.30	42.20	66.40	67.00	58.80	74.10	70.10	50.55	49.75	44.45	
Order backlog, end of period.....do	327.3	885.7	414.4	395.0	398.8	385.7	400.2	389.6	380.4	404.6	379.6	369.6	365.0	380.0	436.6	

See footnotes at end of tables.

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES—Continued																
MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly:																
Tracklaying (ex. shovel loaders).....units.....	9,668	12,117	2,835			3,323					2,720					
.....mil. \$	973.8	1,167.1	282.6			277.9					299.9					
Wheel (contractors' off-highway) ..units.....	5,482	5,110	1,376			1,172					1,167					
.....mil. \$	415.5	416.1	115.2			95.6					89.8					
Shovel loaders.....units.....	62,825	61,938	14,944			14,544					15,107					
.....mil. \$	1,819.5	2,092.1	503.1			525.8					539.6					
ELECTRICAL EQUIPMENT																
Batteries (auto-type replacement), shipments.....thous.....	59,878	63,487	6,757	6,463	6,041	6,245	4,674	4,203	4,754	4,172	4,656	4,982	4,827	6,295	6,357	
Radio sets, production, total market †.....thous.....	228,110	23,623	2,493	2,670	2,834	1,940	1,688	1,518	1,752	1,927	1,985	2,140	2,169	2,712	2,454	
Television sets (incl. combination models), production, total market †.....thous.....	23,497	20,170	2,567	1,953	1,838	2,329	1,649	1,846	2,254	2,018	1,994	2,431	1,461	2,071	2,520	
Household major appliances, industry shipments #.....thous.....																
Air conditioners (room).....do.....	49,981	47,070	3,963	3,975	3,933	3,679	3,947	3,916	4,444	3,868	4,326	4,389	3,505	3,832	3,971	3,834
Dishwashers.....do.....	3,798	4,637	111	129	126	215	352	546	846	718	748	718	365	148	170	97
Disposers (food waste).....do.....	4,032	3,907	335	336	355	318	326	293	324	275	292	324	257	319	303	338
Microwave ovens/ranges.....do.....	4,439	4,233	369	387	381	343	391	380	414	335	336	331	285	363	434	426
Ranges.....do.....	12,610	10,988	1,031	1,123	1,224	1,161	1,054	963	906	824	907	788	761	966	1,075	958
Refrigerators.....do.....	3,346	3,202	270	302	287	262	245	225	273	226	263	263	218	276	258	275
Freezers.....do.....	6,972	7,227	686	625	537	467	466	460	564	536	686	785	660	687	627	614
Washers.....do.....	1,260	1,349	128	110	99	94	93	94	90	93	111	116	129	144	123	95
Dryers, including gas.....do.....	5,998	6,190	584	533	508	440	533	510	539	457	533	572	437	524	545	582
Vacuum cleaners (qtrly).....do.....	4,637	4,601	437	413	401	363	436	394	385	323	374	389	305	377	410	432
.....mil. \$	10,417	10,652	2,882			2,550				2,952		2,545		3,224		
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, warm air, shipments.....thous.....	2,073	2,092	254	252	223	177	178	148	135	132	142	168	186	216	245	
Ranges, total, shipments.....do.....	2,143	2,167	187	209	203	191	158	156	194	163	182	185	149	191	181	200
Water heaters (storage), automatic, shipments.....do.....	3,951	3,956	321	381	307	383	337	328	375	354	324	345	303	295	308	
PETROLEUM, COAL, AND PRODUCTS																
COAL																
Anthracite:																
Production †.....thous. sh. tons.....	3,560	3,555	324	388	310	260	281	282	337	273	280	256	211	334	322	373
Exports.....thous. met. tons.....	1,071	817	177	94	50	87	259	11	50	70	82	110	55	14		
Producer Price Index.....1982=100	100.1	101.2	100.8	100.9	102.3	103.2	103.3	103.3	103.5	103.0	103.0	103.0	103.0	103.2	103.2	103.5
Bituminous and lignite:																
Production †.....thous. sh. tons.....	915,202	946,711	83,272	80,853	82,973	80,324	81,969	75,040	88,981	77,233	82,486	78,544	64,881	89,074	83,045	87,657
Consumption, total †.....do.....	834,337	880,242	71,221	70,009	69,742	77,792	77,101	73,012	72,550							
Electric power utilities.....do.....	716,922	756,459	61,460	59,446	59,192	66,775	66,355	62,598	61,830	55,837	58,261					
Industrial, total.....do.....	111,696	117,730	9,416	10,207	10,076	10,255	10,199	9,874	10,277							
Coke plants (oven and beehive).....do.....	36,920	41,866	3,457	3,545	3,399	3,564	3,562	3,290	3,716							
Residential and commercial.....do.....	5,719	6,054	345	356	474	762	547	599	443							
Stocks, end of period, total †.....do.....	178,485	151,446	147,691	151,931	154,919	151,446	146,462	141,366	142,600							
Electric power utilities.....do.....	163,857	139,533	136,229	140,336	143,190	139,533	135,168	130,641	132,444	133,130	144,417					
Industrial, total.....do.....	14,628	11,863	11,462	11,595	11,729	11,863	11,294	10,724	10,155							
Oven-coke plants.....do.....	3,879	3,125	2,868	2,953	3,039	3,125	3,254	3,382	3,511							
Exports excluding lignite.....thous. met. tons.....	70,438	85,282	8,948	8,072	7,476	8,089	5,659	6,106	7,542	8,186	8,701	8,648	5,577	7,351		
Producer Price Index.....1982=100	97.1	95.3	95.4	95.5	94.6	94.6	94.1	93.5	93.5	94.1	94.5	94.8	96.3	96.5	96.4	96.9
COKE																
Production:																
Beehive and oven (byproduct).....thous. sh. tons.....	28,037	32,405	8,195			8,251			8,006							
Petroleum coke †.....do.....	37,380	39,811	3,205	3,281	3,347	3,462	3,505	2,931	3,201	3,200	3,337	3,406	3,509	3,447		
Stocks, end of period:																
Oven-coke plants, total.....do.....	1,064	1,583	1,271			1,583			1,167							
At furnace plants.....do.....	346	1,420	1,107			1,420			1,052							
At merchant plants.....do.....	218	163	164			163			115							
Petroleum coke †.....do.....	1,350	1,558	1,450	1,612	1,657	1,558	1,588	1,669	1,656	1,931	2,096	1,813	1,756	1,642		
Exports.....thous. met. tons.....	590	1,011	84	41	131	167	252	30	76	60	115	115	100	63		
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Producer Price Index.....1982=100	55.5	46.2	42.6	39.3	39.2	44.3	49.7	50.3	53.9	58.9	59.5	53.3	59.9	53.6	56.3	57.6
Gross input to crude oil distillation units †.....mil. bbl.....	4,746.1	4,921.6	400.7	412.4	400.6	420.2	418.8	364.3	407.9	393.9	420.4	421.6	432.6	434.7		
Refinery operating ratio †.....% of capacity.....	83	84	84	83	84	85	86	83	84	84	86	90	89	89		
All oils, supply, demand, and stocks: ††																
New supply, total ◊.....mil. bbl.....	6,089.6	6,301.7	512.4	544.5	523.8	538.4	547.7	486.4	517.6	524.8	532.0	512.1	540.0	546.5		
Production:																
Crude petroleum.....do.....	3,047.4	2,979.1	236.8	248.7	240.7	246.2	245.3	219.2	235.9	232.4	242.0	229.8	231.7	235.3		
Natural gas plant liquids.....do.....	605.6	614.2	50.4	53.1	51.8	52.7	53.5	45.9	52.7	51.5	51.9	46.6	50.6	48.4		
Imports:																
Crude and unfinished oils.....do.....	1,837.3	2,021.6	167.2	183.8	167.2	172.3	182.8	161.1	165.7	186.7	188.5	189.3	204.0	214.8		
Refined products.....do.....	599.4	686.8	57.9	58.8	64.1	67.2	66.1	60.2	63.9	54.2	49.7	46.3	53.7	48.0		
Change in stocks, all oils.....do.....	14.9	-10.2	4.9	2.0	.8	-34.0	19.9	-17.9	-32.1	26.5	26.5	-14.7	40.2	6.4		
Product demand, total.....do.....	6,360.8	6,623.4	532.3	567.6	550.0	600.5	556.8	521.7	581.6	521.0	535.2	550.5	532.6	566.3		
Exports:																
Crude petroleum.....do.....	55.0	56.7	3.6	5.2	4.4	4.0	4.2	5.8	4.8	4.2	4.1	7.3	2.1	5.0		
Refined products.....do.....	223.0	241.0	16.5	17.5	17.0	27.2	19.0	18.5	21.6	20.0	20.1	21.5	21.7	24.9		

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS †—Continued																
All oils, supply, demand, and stocks—Continued																
Domestic product demand, total #.....mil. bbl.	6,082.7	6,325.7	512.1	545.0	528.6	569.3	538.6	497.4	555.1	496.8	511.1	521.7	508.7	536.5		
Gasoline.....do	2,639.1	2,694.8	228.0	226.2	222.0	228.3	209.4	199.1	230.8	215.4	230.7	234.9	227.7	240.2		
Kerosene.....do	34.5	35.2	2.4	2.7	3.5	4.8	4.4	3.6	2.6	2.0	1.6	2.0	1.5	1.8		
Distillate fuel oil.....do	1,086.4	1,142.5	84.6	99.8	95.5	110.4	102.2	95.5	106.3	89.2	91.7	89.9	80.3	92.1		
Residual fuel oil.....do	461.5	504.3	36.9	41.6	45.1	54.4	49.5	47.1	47.6	42.6	34.2	35.5	39.9	34.2		
Jet fuel.....do	505.5	530.2	42.7	46.2	43.2	47.8	46.2	42.8	45.8	41.2	41.2	44.6	44.1	45.8		
Lubricants.....do	58.7	56.6	4.9	4.7	4.8	3.6	4.3	4.3	5.7	4.6	5.7	5.0	4.0	4.9		
Asphalt.....do	170.3	171.2	21.3	18.0	12.1	7.0	4.3	5.6	7.1	10.8	15.5	18.6	21.4	24.9		
Liquefied petroleum gases.....do	588.3	606.1	50.9	54.6	53.5	62.3	63.6	57.1	56.2	45.2	42.0	42.5	41.8	44.4		
Stocks, end of period, total.....do	1,607.5	1,597.2	1,628.4	1,690.4	1,631.3	1,597.2	1,619.5	1,601.6	1,569.5	1,595.9	1,622.4	1,607.7	1,647.9	1,654.4		
Crude petroleum.....do	839.6	839.9	883.2	895.6	895.7	889.9	894.8	896.6	892.5	907.4	915.7	902.8	906.4	916.2		
Strategic petroleum reserve.....do	540.6	559.5	554.7	556.0	558.7	559.5	561.5	563.9	566.2	568.0	570.4	571.7	574.4	575.4		
Unfinished oils, natural gaso- line, etc.....do	138.3	145.8	158.3	156.1	158.3	145.8	151.8	154.8	156.2	158.0	163.0	160.3	157.5	155.7		
Refined products.....do	579.5	561.6	586.9	578.7	577.3	561.6	572.9	550.1	520.7	530.5	543.8	544.7	584.0	582.5		
Refined petroleum products:																
Gasoline (incl. aviation):																
Production.....do	2,506.2	2,555.2	209.3	213.4	212.4	227.2	215.6	186.7	205.7	205.2	215.8	219.6	228.9	222.9		
Stocks, end of period.....do	191.1	192.0	184.6	182.3	185.8	192.0	207.8	205.7	191.1	190.6	185.8	180.4	192.2	184.2		
Prices, regular grade (excl. aviation):																
Producer Price Index.....1982=100	59.5	*58.2	58.1	56.6	59.6	55.1	55.3	57.4	60.6	74.5	80.1	78.0	74.7	64.6	67.1	67.3
Retail, U.S. city average (BLS):																
Leaded.....\$ per gal.	.897	.900	.933	.910	.904	.885	.876	.886	.907	1.047	1.098	1.093	1.075	1.034	1.007	1.001
Unleaded.....do	.948	.946	.974	.957	.949	.930	.918	.926	.940	1.065	1.119	1.114	1.092	1.057	1.029	1.027
Aviation gasoline:																
Production.....mil. bbl.	9.1	9.3	.8	.8	.6	.8	.6	.6	.7	.6	.9	.9	.9	1.0		
Stocks, end of period.....do	2.3	2.1	1.9	1.9	1.9	2.1	2.0	2.2	2.1	1.8	1.8	2.0	2.0	1.8		
Kerosene:																
Production.....do	28.7	28.8	2.4	2.5	3.0	3.1	3.4	2.0	2.4	2.0	1.4	2.1	1.7	1.7		
Stocks, end of period.....do	8.4	7.3	7.5	8.0	8.1	7.3	7.3	5.9	5.7	5.8	5.7	5.8	6.0	6.5		
Producer Price Index (light distillate).....1982=100	54.1	*51.6	49.2	46.9	48.4	50.4	54.6	54.3	55.7	58.3	58.3	55.4	54.7	55.5	58.1	60.9
Distillate fuel oil:																
Production.....mil. bbl.	996.6	1,046.3	83.3	87.6	87.3	95.1	92.2	78.4	84.1	83.6	85.2	84.3	88.2	90.1		
Imports.....do	93.2	110.4	9.2	10.4	9.8	12.7	10.2	9.0	13.6	9.0	9.0	7.0	10.4	7.9		
Stocks, end of period.....do	134.5	123.5	131.5	123.2	123.8	123.5	120.3	107.5	96.6	98.4	99.3	99.4	115.4	116.1		
Producer Price Index (middle distillate).....1982=100	55.5	*49.5	45.9	42.3	47.2	50.6	54.9	54.0	57.3	61.5	57.5	53.3	52.7	53.4	59.3	64.0
Residual fuel oil:																
Production.....mil. bbl.	323.2	338.7	25.5	26.4	27.5	33.1	29.4	26.0	29.0	27.1	28.9	28.5	26.6	27.9		
Imports.....do	206.1	235.9	20.9	18.7	23.5	30.2	27.2	24.2	21.8	20.4	16.3	15.4	16.9	14.8		
Stocks, end of period.....do	47.4	44.6	44.6	42.5	44.0	44.6	47.0	46.0	42.4	40.2	42.6	44.8	43.0	44.5		
Producer Price Index.....1982=100	53.1	*41.1	40.4	38.8	36.5	40.0	42.1	48.7	43.5	47.3	49.4	51.2	49.4	48.5	46.8	48.2
Jet fuel:																
Production.....mil. bbl.	490.1	501.3	41.2	42.4	40.1	45.8	46.6	39.4	43.3	38.1	38.7	40.5	43.7	44.6		
Stocks, end of period.....do	49.9	43.8	46.6	47.1	46.1	43.8	44.5	43.7	44.0	44.2	45.4	44.6	47.4	48.3		
Lubricants:																
Production.....do	60.9	62.3	4.3	5.2	5.0	5.0	5.4	4.6	5.2	4.6	5.3	5.0	5.6	5.3		
Stocks, end of period.....do	13.3	13.3	12.5	12.8	12.5	13.3	14.3	14.5	13.9	13.5	13.0	14.3	14.3	14.5		
Asphalt:																
Production.....do	158.4	162.1	17.8	15.7	11.0	8.5	8.4	8.2	10.2	10.5	14.0	15.5	17.7	18.3		
Stocks, end of period.....do	18.8	20.8	20.1	19.0	18.7	20.8	25.6	29.1	32.6	33.1	32.4	30.6	27.9	21.8		
Liquefied petroleum gases:																
Production, total.....do	638.2	665.2	55.2	58.0	55.0	56.1	58.2	50.2	58.9	58.5	60.3	54.7	57.6	55.4		
At gas processing plants (L.P.G.).....do	474.5	482.6	39.3	42.1	40.9	41.5	41.8	36.4	41.6	40.6	40.4	35.6	38.0	36.7		
At refineries (L.R.G.).....do	163.7	182.6	15.9	16.0	14.1	14.7	16.3	13.9	17.3	17.9	19.9	19.1	19.6	18.7		
Stocks (at plants and refineries).....do	97.1	97.3	121.2	119.7	113.5	97.3	87.0	77.5	75.0	83.8	97.2	105.2	117.7	126.2		

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD																
Receipts.....thous. cords (128 cu. ft.)	94,812	95,537	8,090	8,245	7,889	8,370	8,440	7,748	8,035	7,858	8,005	8,358	8,476	8,946		
Consumption.....do	93,946	95,497	7,956	7,908	7,887	8,198	8,353	7,837	8,169	8,040	8,112	8,348	8,548	8,498		
Inventories, end of period.....do	5,096	4,888	4,484	4,726	4,790	4,888	4,361	4,701	4,490	4,402	4,320	4,343	4,191	4,415		
WASTE PAPER																
Consumption.....thous. sh. tons.	17,993	18,860	1,553	1,597	1,565	1,526	1,572	1,498	1,615	1,555	1,624	1,591	1,579	1,649		
Inventories, end of period.....do	902	1,029	1,057	1,022	1,058	1,029	1,008	988	1,012	1,024	1,024	1,087	1,007	1,053		
WOODPULP																
Production:																
Total.....thous. sh. tons.	59,552	61,161	5,007	5,079	4,974	5,282	5,466	4,821	5,307	5,193	5,087	5,102	5,399	5,303		
Dissolving pulp.....do	1,312	1,367	135	99	112	127	127	102	142	106	109	102	144	108		
Paper grades chemical pulp.....do	48,293	49,493	4,045	4,100	4,007	4,303	4,423	3,935	4,236	4,209	4,125	4,167	4,377	4,322		
Groundwood and thermo- mechanical.....do	5,702	5,943	473	513	489	484	520	438	502	512	497	480	510	511		
Semi-chemical.....do	4,246	4,358	354	367	365	387	397	346	378	366	356	353	368	361		
Inventories, end of period:																
Producers' own use.....do	170	172	198	161	170	172	178	178	179	190	162	164	191	193		
Producers' market.....do	224	261	272	275	301	261	344	354	279	306	305	300	320	353		
Consumers purchased.....do	529	622	628	583	591	622	596	608	592	596	628	588	573	591		
Exports, all grades, total.....thous. met. tons.	4,727	5,160	470	382	381	519	*415	460	565	476	457	510	490	484	497	
Dissolving and special alpha.....do	627	786	73	67	66	81	*50	63	78	61	59	72	56	74	55	
All other.....do	4,100	4,374	396	315	315	438	*365	397	487	415	398	438	434	410	442	
Imports, all grades, total.....do	4,531	4,505	344	396	386	285	*517	358	425	380	382	354	325	428	389	
Dissolving and special alpha.....do	37	124	10	4	15	16	*23	14	21	17	9	6	7	19	19	
All other.....do	4,444	4,381	333	392	371	269	*494	345	404	363	373	348	318	409	371	

See footnotes at end of tables.

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

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (API):																
Total.....thous. sh. tons..	'74,318	'76,403	6,346	6,466	6,222	6,296	6,582	5,985	6,638	6,191	6,424	'6,326	6,327	'6,612	6,275	.....
Paper.....do	36,376	38,298	3,219	3,264	3,165	3,140	3,297	2,989	3,348	3,042	3,157	'3,104	'3,068	'3,302	3,172	.....
Paperboard.....do	37,442	38,105	3,127	3,203	3,056	3,155	3,285	2,996	3,290	3,150	3,266	'3,222	3,259	'3,311	3,103	.....
Producer Price Indexes:																
Paperboard.....1982=100..	118.1	133.2	136.2	136.4	136.5	136.5	137.7	138.7	140.4	142.3	142.5	'141.0	140.2	140.3	140.3	140.0
Building paper and board.....do	111.2	113.3	112.5	112.5	112.7	113.3	112.9	113.8	114.2	115.1	115.5	115.8	116.4	116.1	116.7	117.3
Selected types of paper (API):																
Groundwood paper:																
Orders, new.....thous. sh. tons..	'1,542	'1,654	143	145	113	177	140	127	163	134	154	149	151	'166	176	.....
Orders, unfilled, end of period...do	166	208	173	168	145	203	182	180	204	173	186	199	191	'217	233	.....
Shipments.....do	'1,498	'1,624	141	147	130	125	148	133	147	149	151	139	148	151	152	.....
Coated papers:																
Orders, new.....do	'7,066	'7,412	584	666	575	570	588	561	599	505	613	636	650	'658	633	.....
Orders, unfilled, end of period...do	708	751	729	749	729	751	678	696	701	647	698	'737	'825	'848	882	.....
Shipments.....do	6,860	7,359	606	625	606	573	633	550	604	544	580	580	'572	'651	611	.....
Uncoated free sheet:																
Orders, new.....do	'11,173	'11,298	927	937	880	989	931	884	1,015	870	864	916	868	'1,081	960	.....
Shipments.....do	'11,206	'11,494	973	965	943	948	976	912	1,021	923	955	902	867	'968	901	.....
Unbleached kraft papers:																
Shipments.....thous. sh. tons..	'2,840	'2,800	261	248	254	258	272	235	264	199	206	229	212	227	210	.....
Tissue paper, production.....do																
	'5,301	'5,476	458	476	445	450	466	437	503	451	474	'469	458	'484	473	.....
Newsprint:																
Canada:																
Production.....thous. metric tons..	9,669	9,969	790	865	837	809	850	777	806	814	838	780	814	837	760	.....
Shipments from mills.....do	9,757	9,867	830	803	845	874	763	731	814	785	851	821	775	811	830	.....
Inventory, end of period.....do	189	291	301	364	356	291	378	425	418	446	434	412	451	477	407	.....
United States:																
Production.....do	5,300	5,427	446	461	448	464	460	404	469	449	458	452	474	462	469	.....
Shipments from mills.....do	5,310	5,415	447	461	456	475	437	412	462	442	462	452	472	469	470	.....
Inventory, end of period.....do	36	48	67	67	59	48	71	64	70	78	73	73	74	67	66	.....
Estimated consumption, all users																
Publishers' stocks, end of period #.....thous. metric tons..	900	932	1,004	936	898	933	936	925	889	850	838	829	843	'848	807	.....
Imports.....do	8,142	7,794	673	688	641	489	'782	569	673	612	673	600	537	714	618	.....
Producer Price Index, standard newsprint.....1982=100..																
	112.3	127.6	127.8	127.7	127.5	126.6	126.5	126.0	126.6	126.5	123.2	'122.0	123.6	122.6	120.1	118.8
Paper products:																
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area..	297,827	307,457	'26,153	27,797	24,876	23,467	26,444	24,086	26,755	26,367	26,734	26,391	24,550	27,709	25,354	.....

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. metric tons..	775.82	858.28	64.60	74.53	75.39	75.22	89.88	51.14	96.57	68.38	87.86	65.10	.....	.....	.....	.....
Stocks, end of period.....do	72.46	61.74	63.93	57.92	58.43	61.74	71.11	67.51	77.37	82.18	86.67	86.21	.....	.....	.....	.....
Imports, incl. latex and guayule....do	757.60	853.82	59.12	69.31	77.43	74.73	'99.31	52.16	99.09	74.55	87.48	63.78	77.86	67.05	70.42	.....
U.S. Import Price Index †.....1985=100..	115.7	147.7	149.9	.....	.....	132.7	.....	.....	135.1	.....	.....	106.0	.....	.....	99.8	.....
Synthetic rubber:																
Production.....thous. metric tons..	2,184.12	2,324.86	189.61	198.15	201.86	188.76	205.06	178.15	204.08	203.80	192.02	179.82	.....	.....	.....	.....
Consumption.....do	2,017.31	2,009.64	162.45	170.58	180.53	150.50	190.27	170.20	187.30	191.27	172.72	165.30	.....	.....	.....	.....
Stocks, end of period.....do	229.72	276.62	258.61	259.03	258.20	276.62	286.41	284.46	291.12	296.36	298.09	301.67	.....	.....	.....	.....
Exports (Bu. of Census).....do	429.40	459.98	38.62	37.18	36.25	32.12	'42.40	45.66	54.98	41.27	54.39	51.30	43.71	48.21	54.54	.....
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous..	'202,978	'211,351	18,115	19,138	17,253	16,102	18,944	18,102	19,670	19,224	19,090	18,312	14,835	18,288	.....	.....
Shipments, total.....do	255,220	264,811	23,738	24,312	22,622	20,635	21,466	19,613	22,166	22,375	23,022	24,558	19,927	23,955	.....	.....
Original equipment.....do	60,758	62,932	5,556	5,672	5,529	4,934	5,485	5,348	5,569	5,770	5,306	5,130	3,174	4,969	.....	.....
Replacement equipment.....do	186,406	189,212	17,113	17,476	16,103	14,703	14,576	12,856	15,008	15,221	15,396	18,198	15,554	17,488	.....	.....
Exports.....do	8,056	12,666	1,064	1,163	989	993	1,405	1,377	1,588	1,384	1,320	1,231	1,198	1,497	.....	.....
Stocks, end of period.....do	34,338	33,191	34,771	34,074	33,434	33,191	35,186	37,834	40,552	42,791	43,580	42,695	42,596	41,902	.....	.....
Exports (Bu. of Census).....do	9,580	16,149	1,420	1,400	1,322	1,314	'1,903	1,373	1,692	1,634	1,343	1,295	1,602	2,112	1,566	.....
Inner tubes:																
Exports (Bu. of Census).....do	1,518	1,712	149	132	144	132	'243	122	126	143	201	137	133	181	121	.....

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cement.....thous. bbl.	'481,160	'477,958	47,580	47,250	39,750	32,505	27,176	23,133	33,782	39,261	44,585	47,085	43,782	51,782		
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face) mil. standard brick.....	7,600.5	7,807.8	714.1	752.6	617.3	516.0	500.4	429.9	554.8	569.2	636.6	625.9	'587.4	691.1		
Structural tile, except facing.....thous. sh. tons.	(*)—	58.1	4.7	4.7	4.7	4.7	4.7	4.7	(*)—	(*)—	(*)—	(*)—	(*)—	(*)—		
Sewer pipe and fittings, vitrified.....do.....	316.9	316.3	27.7	26.2	22.2	15.6	13.4	14.3	21.4	24.8	25.8	24.4	'22.4	21.4		
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft.	478.9	488.2	42.0	41.3	40.5	40.0	39.3	42.4	46.6	41.5	46.2	46.9	'38.8	49.2		
Producer Price Index, brick and structural clay tile.....12/84=100	108.2	110.9	111.1	111.0	111.2	111.2	111.6	111.6	112.0	111.9	111.6	111.7	111.7	111.8	111.7	111.8
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$.	1,457,537	1,484,949	380,269			383,612			418,513			403,583				
Glass containers:																
Production †.....thous. gross.	285,030	284,473	23,103	26,205	21,507	17,458	22,237	22,352	25,482	23,837	25,784	25,175	'24,311	25,837		
Shipments, total †.....do.....	281,636	280,439	23,673	23,409	20,860	20,189	21,944	20,936	24,178	24,831	25,561	26,442	'23,425	25,938		
Narrow-neck containers:																
Food †.....do.....	27,252	22,100	2,103	1,529	1,279	1,133	1,605	1,668	1,852	1,939	2,334	2,342	2,025	2,394		
Beverage.....do.....	62,434	63,551	5,340	4,983	4,410	4,531	4,528	4,304	5,201	6,114	6,250	6,499	6,040	6,246		
Beer.....do.....	85,357	86,285	6,943	7,332	6,602	6,403	7,390	6,767	7,767	7,940	8,018	8,279	7,775	7,889		
Liquor and wine †.....do.....	23,382	26,491	1,847	1,961	1,799	1,719	1,959	1,883	2,113	2,154	2,391	2,599	2,198	2,227		
Wide-mouth containers:																
Food and dairy products.....do.....	62,673	66,675	6,094	6,240	5,372	4,908	5,635	5,402	6,351	5,810	5,621	5,885	4,779	6,388		
Narrow-neck and wide-mouth containers:																
Medicinal and toilet.....do.....	14,167	13,980	1,219	1,243	1,240	1,343	727	796	768	752	878	755	'555	708		
Chemical, household, and in- dustrial.....do.....	1,371	1,357	127	121	158	152	100	116	126	122	79	83	53	86		
Stocks, end of period †.....do.....	41,926	42,296	42,149	44,526	44,840	42,296	42,507	44,078	49,628	44,423	44,862	43,866	'44,409	43,992		
GYPSUM AND PRODUCTS																
Production:																
Crude gypsum (exc. byproduct).....thous. sh. tons.	'15,612	'16,390	1,521	1,429	1,279	1,460	1,090	1,160	1,130	1,100	1,110	1,210	1,310			
Calcined.....do.....	'17,592	'17,274	1,444	1,760	1,385	1,330	1,400	1,300	1,570	1,450	1,320	1,430	1,400			
Imports, crude gypsum.....do.....	9,717	'9,679	760	850	915	875			758	915	913	778				
Sales of gypsum products:																
Uncalcined.....do.....	'6,324	'5,375	462	533	460	564	365	380	418	413	431	433	281			
Calcined:																
Industrial plasters.....do.....	'496	'150	11	13	12	13	(*)—									
Building plasters, total (incl. Keene's cement).....do.....	'280	235	19	19	18	16	'31	29	31	(*)—	(*)—	(*)—	(*)—			
Board products, total.....mil. sq. ft.	'20,507	'20,563	1,766	1,897	1,699	1,641	1,700	1,644	1,874	1,698	1,744	1,773	1,669			
Lath.....do.....	23	21	1	2	2	1	1	2	2	2	1	2	1			
Veneer base.....do.....	'479	472	40	40	40	37	40	39	42	43	47	40	35			
Gypsum sheathing.....do.....	'313	'311	24	26	18	30	20	18	22	22	24	25	22			
Regular gypsum board.....do.....	'13,920	'13,888	1,057	1,139	1,043	1,005	1,027	1,010	1,134	997	1,036	1,061	984			
Type X gypsum board.....do.....	'4,489	'4,583	499	541	463	453	484	460	542	500	507	520	501			
Predecorated wallboard.....do.....	'128	'132	10	9	10	10	10	9	10	9	10	9	9			
% mobile home board.....do.....	'598	'605	79	80	65	53	61	51	62	67	62	59	59			
Water/moisture resistant board.....do.....	'557	'550	56	59	55	53	56	55	61	58	58	57	57			

TEXTILE PRODUCTS

FABRIC																
Woven fabric, finishing plants:																
Production (finished fabric).....mil. linear yd.																
Cotton.....do.....																
Manmade fiber and silk fabrics.....do.....																
Inventories held at end of period.....do.....																
Cotton.....do.....																
Manmade fiber and silk fabrics.....do.....																
Backlog of finishing orders.....do.....																
Cotton.....do.....																
Manmade fiber and silk fabrics.....do.....																
COTTON AND MANUFACTURES																
Cotton (excluding linters):																
Production:																
Ginnings ◊.....thous. running bales..	14,359	14,985	2,279	6,888	11,698	14,277							90	382	981	5,806
Crop estimate.....thous. net weight bales \$.	14,760	15,412														'12,102
Consumption.....thous. running bales..	7,446	7,294	'676	454	509	'554	554	570	'734	611	631	'781	545	663	'836	
Stocks in the United States, total, end of period #.....thous. running bales..																
Domestic cotton, total.....do.....	13,722	16,062	18,122	17,755	17,115	16,062	14,809	13,705	12,349	10,683	9,951	8,580	6,985			
On farms and in transit.....do.....	13,722	16,062	18,122	17,755	17,115	16,062	14,809	13,705	12,349	10,683	9,951	8,580	6,985			
Public storage and compresses.....do.....	2,525	1,957	12,487	8,975	4,838	1,957	1,081	1,026	993	707	1,076	1,219	450			
Consuming establishments.....do.....	10,555	13,524	5,027	8,210	11,722	13,524	13,141	12,048	10,734	9,353	8,229	6,760	5,929			
	642	581	608	570	555	581	587	631	622	623	646	601	606			

See footnotes at end of tables.

Units	Annual		1988				1989									
	1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TEXTILE PRODUCTS—Continued																
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports.....thous. running bales..	5,683	5,649	249	224	379	692	648	684	619	610	672	233	850	480		
Imports.....thous. net-weight bales \$.	2	1	(1)	(1)		(1)	1		1	2			(1)	(1)		
Price(farm), American upland \diamondcents per lb.	63.7	55.6	51.9	55.1	57.5	55.3	54.7	52.8	55.6	58.7	58.3	57.2	59.5	61.1	63.8	64.1
Price, Strict Low Middling, Grade 41, staple 34 (1 $\frac{1}{8}$ "), average 10 markets.....cents per lb.	52.6	64.4	51.3	52.2	53.4	54.8	55.6	55.4	57.6	61.4	63.7	64.1	67.4	69.9	68.5	
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil.	11.6	11.5	11.5	11.5	11.4	11.5	11.3	11.2	11.1	11.1	11.1	11.2	10.8	10.7		
Consuming 100 percent cotton.....do	4.6	4.4	4.4	4.3	4.3	4.4	4.3	4.2	4.3	4.3	4.4	4.3	4.3	4.2	4.2	
Spindle hours operated, all fibers, total.....bil.	82.9	78.1	77.5	6.0	6.0	6.3	5.8	5.9	47.2	5.9	6.0	7.5	6.0			
Average per working day.....do	319	302	301	299	300	251	288	293	289	296	300	299	301			
Consuming 100 percent cotton.....do	32.3	28.9	27.2	2.1	2.2	2.2	2.1	2.2	2.6	2.2	2.3	2.9	1.8	2.1	2.8	
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. sq. yd.	4,772	4,518	1,048			1,029			1,150			1,188				
Orders, unfilled, end of period, compared with average weekly production																
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.																
Ratio of stocks to unfilled orders (at cotton mills), end of period.....do																
Exports, raw cotton equivalent																
thous. net-weight bales \$.....	280.0	250.4	25.0	20.5	22.8	25.4										
Imports, raw cotton equivalent.....do	1,617.2	1,146.8	87.2	92.9	94.5	109.4										
Producer Price Index, gray cotton broadweaves.....1982=100	105.2	114.4	114.8	111.9	112.5	112.3	112.4	111.3	110.9	110.9	110.5	110.1	111.1	110.0	109.8	110.4
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Acetate filament yarn.....mil. lb.	191.1	218.9	54.9			55.5			52.7			55.8				
Rayon staple, including tow.....do	418.8	399.8	99.4			92.6			100.8			101.2				
Noncellulosic, except textile glass:																
Yarn and monofilaments.....do	4,009.7	4,160.4	1,025.1			1,055.1			1,069.3			1,097.3				
Staple, incl. tow.....do	4,306.2	4,345.6	1,058.3			1,124.5			1,103.8			1,134.1				
Textile glass fiber.....do																
Fiber stocks, producers', end of period:																
Acetate filament yarn.....mil. lb.	14.2	11.4	11.5			11.4			11.3			8.9				
Rayon staple, including tow.....do	20.7	14.0	13.3			14.0			11.7			15.8				
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments.....do	298.4	284.4	317.0			284.4			302.0			322.2				
Staple, incl. tow.....do	319.6	298.4	329.0			298.4			311.3			351.0				
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 broadweaves.....1982=100	105.6	112.7	113.0	113.5	113.9	114.6	114.3	112.0	112.2	112.2	112.1	113.1	114.3	114.9	114.6	115.2
Manmade fiber textile trade:																
Exports, manmade fiber equivalent.....mil. lbs.	591.87	684.75	59.97	56.74	56.77	59.98										
Yarn, tops, thread, cloth.....do	260.31	282.19	23.95	22.20	23.63	27.32										
Cloth, woven.....do	152.65	169.31	14.86	14.22	14.88	15.64										
Manufactured prods., apparel, furnishings.....do	331.56	402.56	36.02	34.54	33.14	32.66										
Imports, manmade fiber equivalent.....do	1,805.44	1,735.70	146.03	144.23	132.03	123.37										
Yarn, tops, thread, cloth.....do	280.00	258.18	18.73	22.20	20.44	18.60										
Cloth, woven.....do	182.52	179.23	12.64	15.66	13.64	12.47										
Manufactured products, apparel, furnishings.....do	1,525.44	1,477.52	127.30	122.03	111.59	104.77										
Apparel, total.....do	1,033.22	991.03	87.28	81.86	71.62	65.71										
Knit apparel.....do	485.36	443.05	43.30	40.44	32.72	26.73										
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.	129.7	117.1	9.5	9.2	8.3	11.2	10.6	11.1	13.7	10.4	8.7	11.9	9.3	9.7		
Carpet class.....do	13.1	15.6	1.7	1.0	1.0	1.0	1.0	1.3	1.6	1.6	1.4	1.5	1.2	1.5		
Wool imports, clean yield.....do	105.1	96.7	3.3	6.7	8.6	6.7	8.7	11.3	9.0	13.1	10.3	8.3	10.0	6.9		
Duty-free.....do	31.1	24.4	1.9	2.2	2.0	1.3	2.1	2.9	3.8	3.2	3.1	3.0	2.0	2.1		
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2 $\frac{3}{4}$ " and up.....dollars per lb.	2.65	4.38	4.50	4.63	4.75	4.50	4.50	4.88	4.10	3.75	3.75	3.65	3.50	3.50	3.50	3.50
Australian, 64's, Type 62, duty-paid.....do	3.24	4.87	4.61	4.88	4.72	4.75	5.11	4.84	4.54	4.29	4.14	4.03	4.05	4.10	4.14	4.17
Wool broadwoven goods, exc. felts:																
Production (qtrly.).....mil. sq. yd.	168.9	191.2	43.0			44.7			47.5			48.8				
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly #.....mil. sq. yds.	1,263.2	1,273.3	329.1			304.3			310.0			348.2				
APPAREL																
Women's, misses', juniors' apparel cuttings: †																
Coats.....thous. units..	23,982	18,416	5,273			4,234			3,160							
Dresses.....do	174,982	160,488	36,124			36,510			41,860							
Suits (incl. pant suits, jumpsuits).....do	7,458	8,972	2,489			2,076			2,048							
Skirts.....do	111,162	96,417	22,202			20,735			24,907							
Slacks, jeans, dungarees, and jean-cut casual slacks.....do	294,791	276,364	72,112			69,088			67,602							
Blouses.....thous. dozen	30,595	33,721	7,770			7,916			8,801							

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	Units	Annual		1988				1989									
		1987	1988	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TEXTILE PRODUCTS—Continued																	
APPAREL—Continued																	
Men's apparel cuttings: ††																	
Suits.....thous. units..	12,296	13,413	3,468				3,558				4,037						
Coats (separate), dress and sport ..do...	18,323	17,435	4,473				4,191				4,281						
Trousers, slacks, jeans, pants, etc...do...	7481,667	428,231	109,746				94,252				97,777						
Shirts, dress and sport.....thous. doz...	83,756	85,338	19,421				21,662				23,726						
Hosiery, shipments.....thous. doz. pairs..	308,982	322,124	27,006	32,948	27,475		25,120	29,508	29,188		31,136	25,296	28,485	30,745			
TRANSPORTATION EQUIPMENT																	
AEROSPACE VEHICLES																	
Orders, new (net), total.....mil. \$..	121,224	147,128															
U.S. Government.....do...	66,264	67,850															
Prime contract.....do...	117,434	143,421															
Sales (net), receipts, or billings, total.....do...	110,301	113,548															
U.S. Government.....do...	68,632	68,104															
Backlog of orders, end of period #.....do...	158,650	191,518															
U.S. Government.....do...	92,439	92,394															
Aircraft (complete) and parts.....do...	64,494	87,865															
Engines (aircraft) and parts.....do...	15,521	23,415															
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$..	30,544	29,078															
Other related operations (conversions, modifications), products, services.....mil. \$..	16,930	17,895															
Aircraft (complete):																	
Shipments.....do...	12,491.7	16,019.9	1,314.9	1,539.2	1,258.7	1,476.2	774.1	1,016.2	1,597.2	1,364.5	1,394.3	1,613.0	1,414.4	1,792.8	2,331.4		
Exports, commercial.....do...	7,380	9,971	517	949	814	829	620	810	1,320	1,241	1,104	1,117	1,378	1,020			
MOTOR VEHICLES (NEW)																	
Passenger cars:																	
Factory sales (from U.S. plants):																	
Total.....thous..	7,085	7,105	618	655	648	584	616	606	654	651	671	612	275	540	576	(?)—	
Domestic.....do...	6,487	6,437	556	589	591	538	570	545	585	584	617	560	248	499	523		
Retail sales, total, not seas. adj.....do...	10,278	10,639	830	838	796	882	721	754	887	912	973	899	849	977	840	750	
Domestics \$.....do...	7,081	7,539	579	592	554	617	512	554	642	667	710	641	603	685	610	524	
Imports \$.....do...	3,197	3,099	251	246	243	265	209	201	246	245	262	258	245	291	230	226	
Total, seas. adj. at annual rate.....mil.			10.2	9.9	10.1	11.4	9.9	9.9	9.7	10.8	10.3	9.8	10.2	11.4	10.7	8.8	
Domestics \$.....do...			7.2	6.9	7.2	8.4	7.1	7.0	6.8	7.6	7.5	7.0	7.5	8.3	7.8	6.1	
Imports \$.....do...			3.0	3.0	2.9	3.1	2.8	2.8	2.9	3.2	2.9	2.9	2.8	3.1	2.8	2.7	
Retail inventories, domestics, end of period: \$																	
Not seasonally adjusted.....thous..	1,680	1,601	1,409	1,504	1,631	1,601	1,736	1,810	1,838	1,836	1,844	1,845	1,565	1,450	1,439	1,550	
Seasonally adjusted.....do...	1,701	1,619	1,566	1,646	1,663	1,619	1,649	1,667	1,690	1,702	1,709	1,732	1,555	1,587	1,486	1,644	
Inventory-retail sales ratio, domestics \$.....	2.9	2.6	2.6	2.9	2.8	2.3	2.8	2.8	3.0	2.7	2.8	3.0	2.5	2.3	2.3	3.2	
Exports (BuCensus), total.....do...	627.65	765.12	76.56	65.11	63.50	58.24	55.68	71.74	82.94	80.16	71.37	62.74	39.04	48.34			
To Canada.....do...	561.88	616.18	65.92	50.11	48.98	40.61	40.14	55.02	65.69	58.73	52.26	49.67	26.87	39.59			
Imports (ITC), complete units.....do...	4,589.0	4,450.2	348.8	400.1	409.2	415.7	324.8	372.6	374.7	356.4	352.8	339.1	298.4	279.0			
From Canada, total.....do...	926.9	1,191.4	100.5	101.5	101.0	88.9	86.0	112.4	99.9	102.1	109.5	100.5	63.6	70.6			
Registrations >, total new vehicles.....do...	10,166	10,480	938	807	764	896	733	722	833	843	885	950	830	880	956		
Imports, including domestically sponsored.....do...	3,654	3,710	360	297	278	317	258	252	283	282	293	324	304	331	354		
Trucks and buses:																	
Factory sales (from U.S. plants):																	
Total.....do...	3,821	4,121	349	375	351	327	365	373	401	365	390	383	220	347	316	(?)—	
Domestic.....do...	3,509	3,795	324	340	323	308	338	343	366	334	362	358	205	328	289		
Retail sales, domestics:																	
Total, not seasonally adjusted.....do...	4,088.4	4,544.5	346.4	371.0	355.0	359.2	326.8	337.7	405.2	398.9	421.8	389.4	389.9	410.3	382.5	326.4	
0-10,000 lbs. GVW.....do...	3,786.1	4,195.1	317.3	339.7	328.0	329.0	300.1	313.1	375.6	368.6	391.2	359.1	361.7	382.1	357.0	297.6	
10,001 lbs. GVW and over.....do...	802.3	348.7	29.0	31.4	27.0	30.1	26.7	24.6	29.5	30.3	30.7	30.3	28.3	28.2	25.5	28.8	
Total, seasonally adjusted.....do...			367.3	384.5	376.6	372.1	381.6	365.2	349.2	397.0	362.6	351.9	379.6	432.8	411.5	344.4	
0-10,000 lbs. GVW.....do...			338.5	353.9	346.1	342.6	349.3	336.6	322.7	369.2	334.0	324.2	351.6	404.1	385.9	316.2	
10,001 lbs. GVW and over.....do...			28.7	30.6	30.5	29.4	32.2	28.6	26.5	27.8	28.6	27.6	28.0	28.7	25.6	28.2	
Retail inventories, domestics, end of period: †																	
Not seasonally adjusted.....thous..	967.9	999.3	838.4	945.0	998.3	999.3	1,093.7	1,170.5	1,197.1	1,208.9	1,225.2	1,252.3	1,114.4	1,107.3	1,078.8	1,102.6	
Seasonally adjusted.....do...	1,015.4	1,041.6	895.2	972.3	1,093.5	1,041.6	1,072.5	1,109.9	1,180.8	1,135.8	1,160.3	1,203.7	1,208.2	1,200.5	1,153.9	1,135.3	
Exports (BuCensus).....do...	229.27	246.92	21.53	21.80	15.23	17.91	19.23	21.60	23.35	18.73	17.69	15.36	10.66	15.64			
Imports (BuCensus), including separate chassis and bodies.....do...	1,378.19	1,155.66	72.90	109.83	97.20	107.89	103.34	101.92	103.61	76.34	89.64	83.30	74.85	69.06			
Registrations >, new vehicles, excluding buses not produced on truck chassis.....thous..	4,964	5,211	471	410	398	445	371	374	423	427	446	477	430	441	493		
Truck trailers and chassis, complete (excludes detachables), shipments.....number..	180,142	186,483	16,520	16,296	15,394	15,436	14,141	14,223	16,247	16,895	15,234	15,084	11,427	15,850	12,714		
Van type.....do...	135,380	131,991	12,214	11,301	11,347	11,161	10,137	10,559	11,746	11,854	10,764	11,002	7,950	11,868	9,423		
Trailer bodies (detachable), sold separately.....do...	438	5,223	935	343	520	563	(11)—										
Trailer chassis (detachable), sold separately.....do...	23,014	37,729	4,118	3,747	3,548	2,645	1,789	1,857	2,180	2,183	3,047	2,613	1,016	1,309	1,692		
RAILROAD EQUIPMENT																	
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																	
Shipments.....number..	13,645	22,524	5,605				7,864			7,286		7,838			6,821		
Equipment manufacturers.....do...	13,645	22,524	5,605				7,864			7,286		7,838			6,821		
New orders.....do...	13,504	23,371	4,487				8,044			11,040		5,649			6,117		
Equipment manufacturers.....do...	13,504	23,371	4,487				8,044			11,040		5,649			6,117		
Unfilled orders, end of period.....do...	6,736	15,953	16,107				15,953			19,707		16,398			15,694		
Equipment manufacturers.....do...	6,736	15,953	16,107				15,953			19,707		16,398			15,694		
Freight cars (revenue), class I railroads(AAR): ‡																	
Number owned, end of period.....thous..	749	725	726	724	724	725	723	721	721	715	714	712					
Capacity (carrying), total, end of month.....mil. tons..	63.63	62.46	62.24	62.15	62.27	62.46	62.34	62.19	62.26	61.81	61.77	61.57					
Average per car.....do...	85.01	86.17	85.73	85.88	86.05	86.17	86.16	86.24	86.34	86.48	86.52	86.53					

See footnotes at end of tables.

FOOTNOTES FOR PAGES S-1 THROUGH S-32

General Notes for all Pages:

- r Revised.
- p Preliminary.
- e Estimated.
- c Corrected.

Address requests for data to:

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

Page S-1

- † Revised series. See Tables 2.6 - 2.9 in the July 1989 SURVEY for revised estimates for 1985-88.
- ‡ 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.
- † In the Feb. and July issues of the SURVEY each year, data for the most recent six to eight years are subject to revise and are available upon request.
- ◇ See note "◇" for p. S-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. 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. 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 Nov. 1, 1989: building, 395.8; construction, 433.4.
- 3. Beginning Dec. 1988, series has been discontinued by the Bureau of the Census.
- # Includes data for items not shown separately.
- § Data for Sept. and Dec. 1988, and Mar., June, and Aug. 1989 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 1989 SURVEY, data for seasonally adjusted building permits have been revised back to 1987. 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 1989 SURVEY, data have been revised back to 1985. In addition to the normal revisions to the unadjusted and seasonally adjusted data, some total components have been revised back to 1975 due to revised data for the "Telecommunications" category. See note "*" for this page. Effective July 1988 SURVEY, 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 1989 SURVEY, data have been revised back to 1975 and are available upon request.

* The "Telephone and telegraph" category has been renamed "Telecommunications" and now includes estimates for television cable construction. Data were revised back to 1975.

†† Effective Nov. 1989 SURVEY, data have been revised back to 1980 and are available upon request.

Page S-8

- 1. Advance estimate.
- 2. Beginning with Feb. 1989 data, associations in conservatorship are excluded.
- ◇ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-14.
- § Data include guaranteed direct loans sold.
- # Includes data for items not shown separately.
- @ Effective Oct. 1987 SURVEY, data are for closed mortgage loans of thrift institutions insured by the Savings Association Insurance Fund (SAIF)—FSLIC-insured institutions prior to Sept. 1989. Historical data back to 1976 are available upon request.
- † Effective April 1989 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-13-88S*, available from the Bureau of the Census, Washington, DC 20233.
- ‡ Effective April 1989 SURVEY, retail trade data have been revised. Estimates of retail sales and inventories have been revised back to January 1983. A revision in 1988 revised some series back to 1978. Revised data and a summary of changes appear in the report *Revised Monthly Retail Sales and Inventories BR88-R*, 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 are 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 with the June 1988 and 1989 issues of the SURVEY, data have been revised, respectively, back thru April 1986 and 1987 (not seasonally adjusted) and January 1983 and 1984 (seasonally adjusted) to reflect new benchmarks and seasonal adjustments factors. The June issue of *Employment and Earnings* (for both years) contains a detailed discussion of the effects of these 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 Nov. 1, 1989: Common, \$17.98; Skilled, \$23.61.
- † 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. Loans for the combined FLBs, FLBAs, FICBs, and PCAs for the third and fourth quarter 1988, and first quarter 1989, in millions are: \$42,849, \$41,438 and \$40,337 respectively.

5. Effective Feb. 28, 1989, there was a break in the series due to the enlargement of the panel of reporting dealers to 17 and of reporting direct issuers to 36. End of month figures on the old basis are as follows: All issuers, 481,734; financial companies, 373,717; dealer placed, 172,330; directly placed, 201,387; and nonfinancial companies, 108,017.

† 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 Oct. 1989 SURVEY, data have been revised from 1984 forward. 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.

Includes data for items not shown separately.

§ Excludes loans and federal funds transactions with domestic commercial banks and includes valuation reserves (individual loan items are shown gross; i.e., before deduction of valuation reserves).

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

@ Average weekly insured unemployment for 12-month period divided by average monthly covered employment (lagging 4 full quarters for annual figure and 2 full quarters for monthly figure).

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

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 Aug. 1989 SURVEY, data have been revised to reflect new benchmark adjustments. In addition, data for 1984 forward include a number of institutions excluded from earlier data. Effective Apr. 1989 SURVEY, data have been revised to reflect new benchmark and seasonal adjustments. These revisions are available upon request.

† Effective with May 1989 SURVEY, the consumer installment credit series have been revised from 1986 through 1988 to reflect more complete data for most lender groups and new seasonal factors. 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.

◇ Excludes loans to commercial banks in the U.S.

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

‡‡ Courtesy of *Metals Week*.

@/@ Average effective rate

@ Revised for periods between October 1986 and April 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.

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

† 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 with the Mar. 1989 SURVEY, data have been revised back to 1986 and are available upon request. Effective Apr. 1988 SURVEY, 1987 data have been revised. Revisions for Jan. 1987: long-term, 7,486; short-term, 372.

Page S-16

1. The railroad average was discontinued by Moody's on July 13, 1989. Therefore, the July average reflects only eight working days.

@ See note "4" for p. S-19 regarding the new commodity classification systems introduced Jan. 1989. Effective with the July 1989 SURVEY, seas. adj. data have been revised back to Jan. 1987 and unadj. exports and imports back to Jan. 1988. 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.

* Series added to the S-pages in May 1989.

Page S-17

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

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

@ See note "@" for p. S-16.

† See note "†" for p. S-16.

Includes data not shown separately.

◇ Data include undocumented exports to Canada, which are based on official Canadian import totals.

* Series added to the S-pages in May 1989.

Page S-18

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

2. For month shown.

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

Includes data for items not shown separately.

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

‡ The threshold for Class I railroad status is adjusted annually by the Interstate Commerce Commission to compensate for inflation.

◇ Average daily rent per room occupied, not scheduled rates.

Data represent entries to a national park for recreational use of the park, its services, conveniences, and/or facilities.

† Before extraordinary and prior period items.

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

Page S-19

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

2. Less than 500 metric tons.

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

4. Effective with the Apr. and May 1989 issues of the SURVEY, most foreign trade series in the "S-Pages" have been converted to metric units. Also, beginning with 1989 data, merchandise trade data are based upon two new commodity classification systems; the International Harmonized System and, Revision 3 of the Standard International Trade Classification and, as a result, data may not be directly comparable to 1988 and earlier years.

5. Effective with the July 1989 SURVEY, data are shown in metric 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. See also note 4 for this page.

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

4. Effective with the July 1989 SURVEY, data are shown in metric tons.

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

◇ Effective with the Jan. and Nov. 1989 issues of the SURVEY, data for 1986, 1987, and 1988 have been revised and are available upon request.

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

† Effective with the Apr. 1989 SURVEY, data have been revised back to 1983 and are available upon request.

‡ Effective with the Nov. 1989 SURVEY, data for 1987-88 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. See also note 13 for this page.

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. Crop estimate for 1989.

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. See also note 13 for this page.

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. See note 4 for p. S-19.
 12. Series has been discontinued.
 13. Effective with the May 1989 SURVEY, data have been converted to metric units.
 14. Nov. 1 estimate of the 1989 crop. See also note 13 for this page.
- § Excludes pearl barley.
 @ Quarterly data represent the 3-month periods Dec.-Feb., Mar.-May, June-Aug., and Sept.-Nov. Annual data represent Dec.-Nov.
 † Coverage for 21 selected States, representing approximately 85 percent of U.S. production.

Page S-22

1. 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.
6. See note 4 for p. S-19.
- ‡ Beginning with Sept. 1988 and annual 1988 data, price represents dollars per head and is not comparable with earlier prices, which represent dollars per 100 pounds.
- † 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 Census publication standards.
 4. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 5. See note 4 for p. S-19.
 6. Nov. 1 estimate of 1989 crop.
- # Totals include data for items not shown separately.
 ◇ Effective Nov. 1989 SURVEY, data have been revised for 1987 and 1988. Effective Oct. 1988 SURVEY, data have been revised for 1986.

Page S-24

1. Reported annual total; monthly revisions are not available.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 3. Less than 500 tons.
 4. See note 4 for p. S-19.
 5. Effective with the July 1989 SURVEY, data have been converted to metric 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. Reported annual total; monthly revisions are not available.
 2. For month shown.
 3. Effective with Jan. 1989, import data are for consumption; earlier periods of data are general imports. See also note 4 for p. S-19 regarding the introduction of new classification systems.
 4. Prior to the July 1989 SURVEY, annual and monthly data for 1984-88 for aluminum imports and exports were shown incorrectly in thousands of short tons. Beginning with the July 1989 SURVEY, data for those periods have been converted to thousands of metric tons.
- @ Beginning 1987, includes foreign ores.
 § Source: *Metals Week*.

Page S-26

1. Reported annual total; monthly revisions are not available.
 2. Less than 50 tons.
 3. See note 3 for p. S-25.
- ◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
 ‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
 # Includes data not shown separately.
 * 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. See note 4 for p. S-19.
 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, 1988, and 1989 issues of the SURVEY, coal production data for 1986, 1987, and 1988, respectively, have been revised. Effective with the May 1988 SURVEY, coal consumption and stocks back through 1986 have been revised. These revisions are available upon request.

- †† Effective with the June 1988 and Aug. 1989 issues of the SURVEY, data for 1987 and 1988 respectively, 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 total; revisions not allocated to the months.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 3. See note 4 for p. S-19.
- # Includes data for items not shown separately.
 † Except for price data, see note "††" for p. S-27.

Page S-29

1. Reported annual total; revisions not allocated to the months.
 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 3. See note 4 for p. S-19.
- ◇ 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.
 4. Beginning Jan. 1989, sales of industrial plasters are included with building plasters.
 5. Nov. 1 estimate of the 1989 crop.
- # Includes data for items not shown separately.
 ◇ Cumulative ginnings to the end of month indicated.
 § Bales of 480 lbs.
 † Data for 1987 and 1988 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.
 6. See note 4 for p. S-19.
- ◇ 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 Oct. 1989: *passenger cars*, 621; *trucks and buses*, 297.
 3. Data are reported on an annual basis only.
 4. See note 4 for p. S-19.
 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 the July 1988 and 1989 issues of the SURVEY, data have been revised back thru 1985 and 1986, respectively, and are available upon request.
 10. Data for jumpers are included with dresses to avoid disclosing information for individual companies.
 11. Beginning Jan. 1989, shipments of trailer bodies are included with trailer chassis to avoid disclosure of data from individual firms.
- # 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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