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SURVEY OF CURRENT BUSINESS

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the BUSINESS SITUATION

THE pace of U.S. production picked up in the third quarter of 1987. Real GNP increased at an annual rate of 4 percent, following an increase of 2½ percent in the second quarter (chart 1).¹

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

The preliminary GNP estimates for the third quarter are based on the following major source data: For *personal consumption expenditures* (PCE), retail sales through September, and unit auto and truck sales through September; for *nonresidential fixed investment*, the same information for autos and trucks as for PCE, construction put in place for July and August, and manufacturers' shipments of machinery and equipment for July and August; for *residential investment*, construction put in place for July and August, and housing starts through September; for *change in business inventories*, manufacturing and trade inventories for July and August, and unit auto inventories through September; for *net exports of goods and services*, merchandise exports and merchandise imports for July and August, and fragmentary information on investment income for the quarter; for *government purchases of goods and services*, Federal unified budget outlays for July and August, and State and local construction put in place for July and August; and for *GNP prices*, the Consumer Price Index for July and August, the Producer Price Index through September, the unit-value index for petroleum imports for July and August, and unit-value indexes for merchandise exports and nonpetroleum merchandise imports for July. Some of the source data are subject to revision.

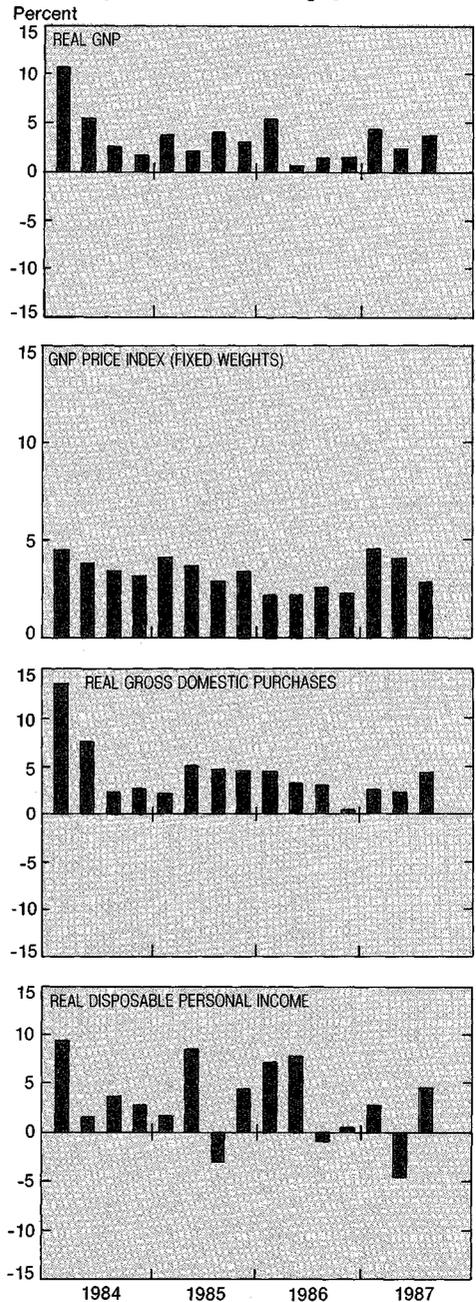
U.S. demand also picked up, increasing more than U.S. production for the first time since the third quarter of last year. Real gross domestic purchases increased 4½ percent, following a 2-percent increase in the second quarter.

Inflation, whether measured by the prices of goods and services produced or by the prices of goods and services purchased, slowed in the third quarter. The GNP price index (fixed weights) increased 2½ percent after a 4-percent increase; the price index for gross domestic purchases (fixed weights) increased 3 percent after a 4½-percent increase.

Foreign transactions continued to register substantial changes. To analyze the impact of these changes on U.S. production and demand, exports and imports must be examined separately. Exports—goods and services provided by U.S. residents to foreigners—are added in the calculation of GNP but not in the calculation of gross domestic purchases. Imports—goods and services provided by foreigners to U.S. residents—are subtracted in the calculation of GNP but not in that of gross domestic purchases. Thus, as shown in table 1, GNP minus exports plus imports is equal to gross domestic purchases.

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 87-10-1

Looking Ahead . . .

- **Motor Vehicles.** A review of developments in the 1987 model year will appear in the November issue of the SURVEY. The article, based on units data, covers domestic and imported autos and trucks.
- **Composite Indexes.** A summary presentation of BEA's composite indexes of leading, coincident, and lagging indicators will appear in the SURVEY beginning in the November issue.
- **GNP Methodology.** The paper *GNP: An Overview of Source Data and Estimating Methods* is available as the fourth in BEA's methodology paper series. See page 42 for information about this and other recent BEA publications.

Table 1.—U.S. Production and U.S. Demand

(Seasonally adjusted at annual rates)

	Billions of 1982 dollars					Percent change from preceding quarter			
	Level 1987:III	Change from preceding quarter				1986			
		1987				1987			
		IV	I	II	III	IV	I	II	III
Gross national product	3,831.2	13.5	40.7	23.1	35.9	1.5	4.4	2.5	3.8
Less: Exports	430.6	8.7	9.5	16.7	16.1	9.5	10.2	17.9	16.5
Plus: Imports	568.5	-1.1	-7.1	14.2	21.3	-8	-5.2	11.1	16.5
Equals: Gross domestic purchases ¹	3,969.1	3.7	24.1	20.5	41.2	.4	2.5	2.1	4.3

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

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 1.6.

Real exports increased strongly in both the second and third quarters—\$16½ billion in the second and \$16 billion in the third—and continued to be a major contributor to GNP growth. Over the two quarters combined, exports, which make up one-ninth of GNP, accounted for more than one-half of the \$59 billion increase in GNP.

Real imports also increased strongly in both quarters—\$14 billion in the second and \$21½ billion in the third—and continued to meet a sizable portion of the increase in U.S. demand. Almost all of the third-quarter increase was due to a surge in petroleum imports. Over the two quarters combined, imports, which make up one-seventh of gross domestic purchases, accounted for more than one-half of the \$61½ billion increase in gross domestic purchases.

Although imports are subtracted in the calculation of GNP, one cannot simply add them back to determine what U.S. production would have been in the absence of imports. Assessing the effect of imports on U.S. production is more complex, involving questions such as the extent to which the imported goods and services could and would have been produced domestically instead and the extent to which U.S. exports would have been affected.

Components of Real GNP

Changes in most of the major components of real GNP were in the same direction in the third quarter as they had been in the second. Personal consumption expenditures and nonresidential fixed investment increased in both quarters, but each was up con-

siderably more in the third. Residential investment was weak in both quarters. The change in business inventories declined in both quarters, but was down considerably more in the third. Net exports declined after a small increase: Exports were up strongly in both quarters; imports were up more strongly in the third quarter than in the second. Government purchases increased by about the same amount in both quarters.

Personal consumption expenditures

Real personal consumption expenditures (PCE) increased 5 percent in the third quarter after increasing 2 percent in the second. Durable goods and services each increased more than in the second quarter, and nondurable goods decreased less than in the second quarter (table 2).

Over the three quarters of 1987, increases in PCE have averaged 2 percent, considerably less than in 1986. The smaller increases were consistent with the mixed economic picture for consumers. In 1987, income gains have not kept pace with expenditures: Real PCE has increased twice as much as real disposable personal income. Consumers have stretched spending with the help of stock market gains and added debt. Consumer confidence, as measured by the Index of Consumer Sentiment prepared by the University of Michigan's Survey Research Center, has remained high, reflecting steady job growth, personal tax cuts, and moderate inflation. Although consumers still viewed their financial situations and the economy in a generally positive light, they may have become more cautious about borrowing. Quarterly percent increases in consumer installment credit outstanding in 1987 were well below the double-digit increases in 1986. (Conventional measures of borrowing and debt burden, however, do not capture the increasing use of home equity lines of credit in the past several quarters.)

Chart 2 compares quarterly percent changes over the past 3 years in total PCE with those in PCE excluding motor vehicles and parts. Although motor vehicles and parts make up less than one-tenth of PCE, they have dominated the quarterly pattern of the total. In particular, manufacturers' sales-incentive programs in the third quarters of 1985, 1986, and 1987

Table 2.—Real Personal Consumption Expenditures

(Seasonally adjusted at annual rates)

	Billions of 1982 dollars					Percent change from preceding quarter			
	Level 1987:III	Change from preceding quarter				1986			
		1987				1987			
		IV	I	II	III	IV	I	II	III
Personal consumption expenditures	2,517.0	3.0	-4.6	11.6	29.5	0.5	-0.7	1.9	4.8
Durables	403.3	-6.5	-23.1	9.5	17.9	-6.3	-21.2	10.5	19.9
Motor vehicles and parts	182.7	-15.2	-21.0	8.3	16.3	-27.8	-39.3	22.7	45.3
Furniture and household equipment	153.8	2.4	.8	1.0	1.3	6.6	2.1	2.7	3.5
Other durables	66.8	6.3	-2.9	.1	.3	46.4	-15.7	.6	1.8
Nondurables	878.4	.5	2.9	-4.2	-6	2	1.3	-1.9	-3
Food	439.9	1.8	3.5	-5.9	-1.7	1.6	3.2	-5.2	-1.5
Clothing and shoes	162.5	-2.0	2.0	-3.1	5.2	-4.9	5.1	-7.5	13.9
Energy ¹	120.3	.8	-4.0	2.7	-3.2	2.6	-12.2	9.2	-10.0
Other nondurables	155.6	-1	1.4	2.1	-1.0	-3	3.7	5.5	-2.5
Services	1,235.4	8.9	15.8	6.2	12.3	3.0	5.4	2.1	4.1
Housing	360.0	2.0	2.2	2.4	2.3	2.3	2.5	2.7	2.6
Household operation	154.7	-1	-2.8	1.4	3.3	-3	-7.1	3.8	9.0
Energy ²	78.0	-2	-2.4	.3	1.9	-1.0	-11.7	1.6	10.4
Other	76.7	.1	-4	1.1	1.4	.5	-2.1	6.1	7.6
Transportation	87.4	.3	1.4	.6	-1	1.4	6.7	2.8	-5
Medical care	265.1	3.9	2.4	3.3	3.1	6.3	3.8	5.2	4.8
Other services	368.2	2.9	12.4	-1.5	3.7	3.3	14.8	-1.6	4.1

1. Gasoline and oil, and fuel oil and coal.

2. Electricity and gas.

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 2.3.

boosted sales substantially. (A discussion of motor vehicles, in terms of units, appears at the end of the "Business Situation.")

Expenditures for durable goods increased 20 percent in the third quarter, following an increase of 10½ percent in the second. The acceleration was largely attributable to motor vehicles and parts. Expenditures for furniture and household equipment and for other durables accelerated slightly.

Expenditures for nondurable goods decreased slightly in the third quarter, following a 2-percent decrease in the second. In recent quarters, changes in the components of nondurables have been erratic; the large swings have tended to offset one another in the total. Food declined in the third quarter, but less than in the second. Clothing and shoes swung from a sharp decrease to an even sharper increase. Energy decreased sharply after an increase of similar magnitude. Other durables decreased after an increase.

Expenditures for services increased 4 percent in the third quarter, following a 2-percent increase in the second. Household operation services accelerated, largely due to a pickup in expenditures for electricity and gas. Reflecting brokerage services, other services increased moderately after a

Table 3.—Real Gross Private Domestic Fixed Investment
[Seasonally adjusted at annual rates]

	Billions of 1982 dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1986		1987	
		1987:III	1986	1987			IV	I	II	III
		IV	I	II	III	IV	I	II	III
Gross private domestic fixed investment.....	658.4	6.6	-21.1	10.5	23.7	4.2	-12.5	6.9	15.8
Nonresidential.....	461.8	5.5	-17.2	11.9	23.9	5.1	-14.6	11.7	23.7
Structures.....	124.9	1.9	-4.2	0	4.5	6.3	-12.8	0	15.8
Producers' durable equipment.....	336.8	3.6	-13.0	11.9	19.3	4.7	-15.3	16.5	26.6
Residential.....	196.7	1.1	-4.0	-1.4	-1	2.2	-7.7	-2.8	-2

NOTE.—Percent changes are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 1.2.

decline in the second quarter. Housing and medical care registered increases similar to those in the second quarter, and transportation decreased slightly after an increase.

Nonresidential fixed investment

Real nonresidential fixed investment increased 23½ percent in the third quarter, following an 11½-percent increase in the second (table 3). Structures, which had been weak in the first half of the year, increased 16 percent in the third quarter. Producers' durable equipment, which had bounced back in the second quarter after a first-quarter decline, increased 26½ percent.

In structures, petroleum exploration and drilling, which makes up one-fifth of nonresidential structures, accounted for two-thirds of the increase. This component has been buffeted in recent years by sharp changes in crude petroleum prices. Increased exploration and drilling in the past four quarters reflect the better-than-50-percent increase in the Producer Price Index for crude petroleum over the period. Public utilities, which also make up one-fifth of nonresidential structures, more than accounted for the rest of the increase. Office buildings increased slightly, following eight consecutive quarterly declines, but persistently high vacancy rates (in the neighborhood of 20 percent, nationally) cast doubt on the sustainability of the upswing.

In producers' durable equipment, increases were widespread but were especially large in information processing and related equipment. This category, which makes up two-fifths of the total, accounted for two-thirds of the increase. This category's largest component—office, computing, and accounting machinery—increased

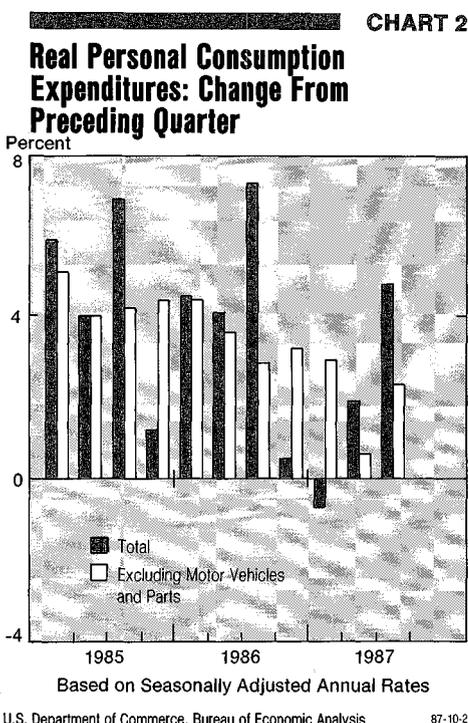
very sharply, following several quarters of sluggish sales.

Factors usually cited in assessments of investment conditions gave mixed signals for the third quarter. On the one hand, capacity utilization continued to increase, unfilled orders for nondefense capital goods were very high, export demand was strong, corporate cash flow had been quite high relative to investment expenditures in the first half of the year, and capital appropriations had increased sharply in the first half. On the other hand, capacity utilization—although increasing—was still substantially below the peak levels reached in previous expansions, interest rates had increased since the spring, and consumer demand had been sluggish in the first half of the year.

Residential investment

Real residential investment was unchanged in the third quarter, following a 3-percent decline in the second. In the third quarter, an increase in single-family construction was offset by a decline in multifamily construction. In single-family construction, the increase was relatively modest, 6½ percent, but larger than the increases of 3½-4 percent earlier in the year; in multifamily construction, the decline was large, 23 percent, but smaller than the 33-percent drops earlier in the year. The other component of residential investment—which includes major replacements, additions and alterations, mobile home sales, and brokers' commissions on house sales—changed little.

The third-quarter increase in single-family construction largely reflected two offsetting developments in the second quarter. (Almost one-half of the value of construction put in place in a given quarter depends on



the value of units started in the immediately preceding quarter.) First, the number of single-family units started dropped 9 percent in the second quarter (chart 3). (Percentages in this paragraph are not at annual rates.) Second, the average value of starts increased sharply in the second quarter. One indication of the increase in average value is shown by the differing behavior of two price measures. The price index for new one-family houses sold—a measure that attempts to remove the effect of changes in size and amenities—increased 1 percent, while the average sales price of new one-family houses actually sold—a measure that reflects changes in size and amenities—increased 5 percent. In the third quarter, the number of starts was flat, while the average value appears to have increased again.

The commitment rate on fixed-rate first mortgages increased 1.18 percentage points in the second quarter and another 0.18 point in the third (chart 4). The effect of these increases on house sales (which determine brokers' commissions and influence future construction plans) was only partly blunted by the availability of adjustable-rate mortgages carrying initial rates 1 to 2 percentage points lower than fixed-rate mortgages. Sales of both new and existing residences in July-August were about 6

percent below first-quarter levels, with the drop in sales of new units occurring in the second quarter and the drop in sales of existing units occurring in July-August. The difference in the timing of the declines in new and existing sales is probably, in part, a statistical mirage; sales of existing units are based on a mixture of sales contracts and closings, and, thus, would tend to trail sales of new units, which are based on sales contracts alone.

The third-quarter decline in multifamily construction reflected—as did declines earlier in the year—changes in tax laws and high vacancy rates resulting from previous overbuilding. At 7½ percent, the national rental va-

cancy rate was about 2 percentage points above its longrun average, implying, according to one estimate, an excess of approximately 600,000 units.

Inventory investment

Real inventory investment declined \$21 billion, as inventory accumulation slowed to \$18 billion in the third quarter from \$39 billion in the second (table 4). Inventory investment had declined \$8½ billion in the second quarter. Both farm and nonfarm inventory investment declined in the third quarter—\$7½ billion and \$13½ billion, respectively.

Farm inventories accumulated in both the second and third quarters—\$16½ billion and \$9 billion, respectively. Not only were open market sales of crops below current production in the two quarters but, also, substantial amounts of crops were redeemed from the Commodity Credit Corporation, especially in the second quarter.

Among nonfarm inventories, inventories of retail auto dealers declined \$9 billion after an increase of \$3 billion. The decline, which was concentrated in inventories of domestic cars, reflected enhanced sales-incentive programs and cuts in production.

Nonfarm inventories excluding those held by retail auto dealers—shown as an addendum in table 4—increased \$18½ billion, following increases of \$19½ billion and \$22½ billion in the second and first quarters, respectively. The steady accumulations in this total masked sharp movements in manufacturing and trade inventories. Manufacturing inventories increased \$8½ billion after a decline of \$4½ billion; the increase

Table 4.—Change in Real Business Inventories

[Billions of 1982 dollars; seasonally adjusted at annual rates]

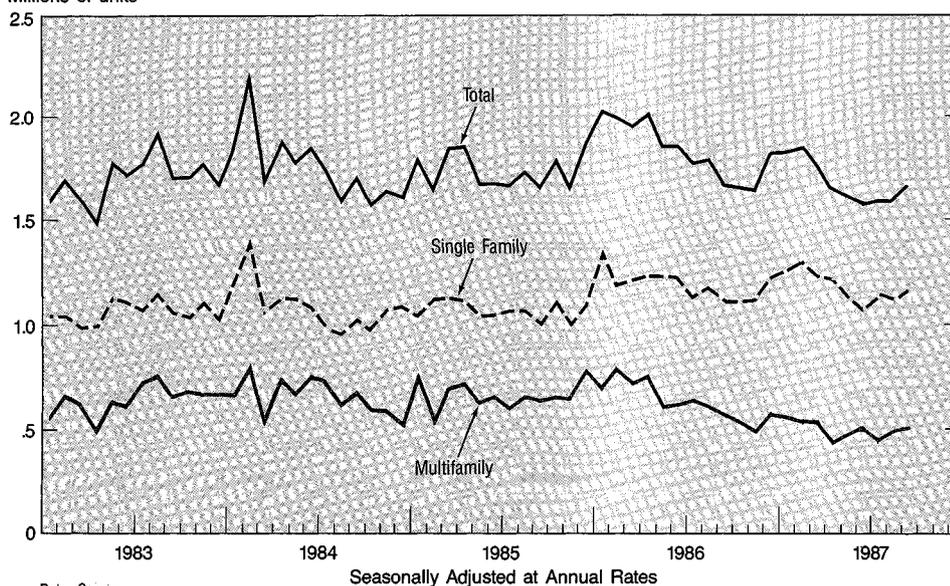
	Level					Change from preceding quarter			
	1986		1987			1986		1987	
	III	IV	I	II	III	IV	I	II	III
Change in business inventories.....	6.1	-14.4	47.6	39.0	18.1	-20.5	62.0	-8.6	-20.9
Farm	6.0	-16.6	3.7	16.3	8.9	-22.6	20.3	12.6	-7.4
Nonfarm .....	.1	2.3	43.9	22.7	9.2	2.2	41.6	-21.2	-13.5
Manufacturing	-8.1	-4.9	5.3	-4.4	8.7	3.2	10.2	-9.7	13.1
Wholesale trade	10.3	-5.9	6.6	5.6	-4.1	-16.2	12.5	-1.0	-9.7
Retail trade	-8.2	6.7	25.2	15.5	-2.3	14.9	18.5	-9.7	-17.8
Auto dealers	-17.8	4.1	21.3	3.0	-9.2	21.9	17.2	-18.3	-12.2
Other retail trade	9.6	2.6	3.9	12.5	6.9	-7.0	1.3	8.6	-5.6
Other	6.0	6.4	6.8	6.0	6.9	.4	.4	-.8	.9
Addendum:									
Nonfarm less auto dealers.....	17.9	-1.9	22.6	19.7	18.4	-19.8	24.5	-2.9	-1.3

NOTE.—Dollar levels for most inventories are found in the National Income and Product Accounts Tables, table 5.11.

CHART 3

Housing Starts

Millions of units



Data: Census

Seasonally Adjusted at Annual Rates

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

87-10-3

Table 5.—Real Net Exports of Goods and Services

[Seasonally adjusted at annual rates]

	Billions of 1982 dollars					Percent change from preceding quarter				
	Level	Change from preceding quarter				1986		1987		
		1987:III	1986	1987			IV	I	II	III
			IV	I	II	III	IV	I	II	III
Net exports of goods and services.....	-137.9	9.8	16.6	2.5	-5.2					
Exports.....	430.6	8.7	9.5	16.7	16.1	9.5	10.2	17.9	16.5	
Merchandise.....	288.2	8.6	2.0	11.8	17.7	14.6	3.2	19.5	28.9	
Agricultural.....	39.8	2.9	-2.5	2.9	5.7	43.3	-26.5	42.7	85.6	
Nonagricultural.....	248.5	5.6	4.5	9.0	12.1	10.7	8.3	16.8	22.1	
Services.....	142.4	.2	7.5	4.8	-1.6	.6	24.8	14.5	-4.4	
Imports.....	568.5	-1.1	-7.1	14.2	21.3	-.8	-5.2	11.1	16.5	
Merchandise.....	453.7	-5.4	-10.5	7.6	20.9	-4.8	-9.3	7.3	20.8	
Petroleum.....	91.4	-8.2	-9.0	2.6	19.3	-32.8	-38.6	15.8	158.3	
Nonpetroleum.....	362.3	2.7	-1.5	5.0	1.6	3.1	-1.7	5.7	1.8	
Services.....	114.7	4.4	3.3	6.6	.3	18.8	13.2	26.8	1.1	

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in tables 4.2 and 4.4.

was concentrated in transportation equipment other than motor vehicles, petroleum, and nonelectrical machinery. Wholesale trade inventories declined \$4 billion after an increase of \$5½ billion; the third-quarter decumulation was mostly in durables, especially in metals and minerals and in electrical goods. Among nondurables, strong buildups in petroleum and products and in groceries were largely offset by runoffs in farm products and in apparel and dry goods. Retail trade inventories (excluding autos) increased \$7 billion after an increase of \$12½ billion. Among durables, the increase was concentrated in furniture and appliances; among nondurables, food and beverages increased moderately, and nondurables other than food increased sharply.

Reflecting the third-quarter increase in inventories and the even stronger increase in final sales, the constant-dollar ratio of total inventories to total final sales declined. At 3.18, down from 3.21 in the first and second quarters, the ratio was near the lower end of the range within which it has moved in recent years.

Net exports

Real net exports declined \$5 billion in the third quarter, following increases in the preceding three quarters (table 5). Exports and imports both increased substantially in the third quarter; the larger increase in imports was due to a surge in petroleum imports.

Imports increased \$21½ billion, following a somewhat smaller increase in the second quarter. In the third quarter, as in two of the three preceding quarters, the change in merchan-

dise imports was dominated by petroleum. Petroleum imports were up \$19½ billion in the third quarter, the largest increase on record. The third-quarter surge followed an increase of \$2½ billion in the second quarter and substantial declines in each of the two preceding quarters. The unusually large increase, in the face of rising crude oil prices, may have reflected some precautionary building of stocks due to increased uncertainty about oil supplies from the Middle East. Fur-

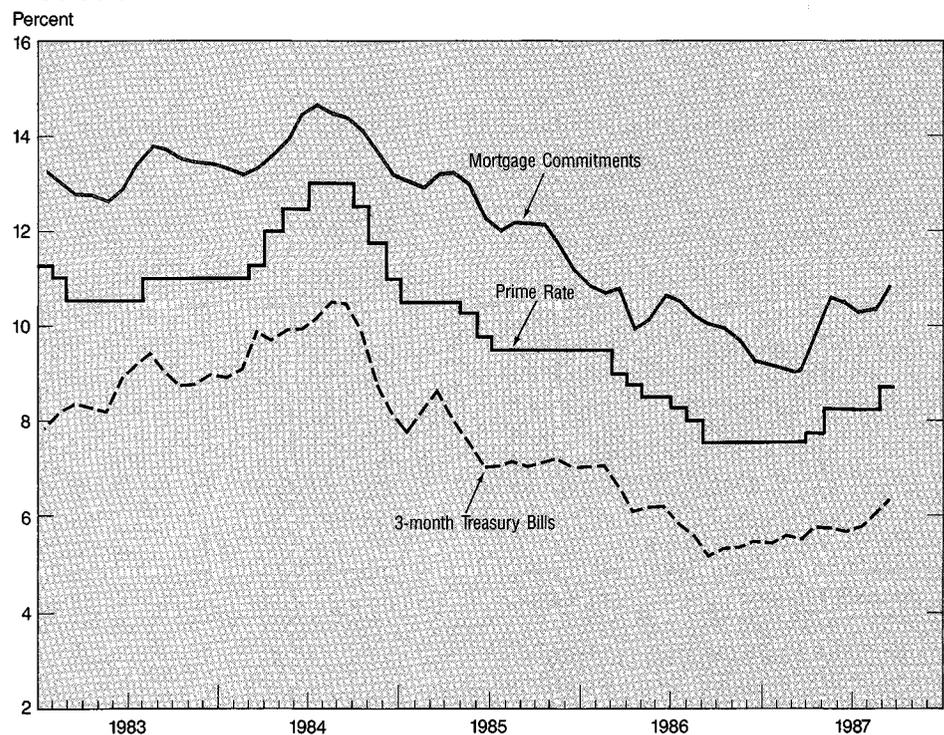
ther, domestic crude oil production continued to decline and growth in U.S. economic activity continued to boost oil demand.

Nonpetroleum merchandise imports increased \$1½ billion, following a \$5 billion increase. The increases were more than accounted for by sharp gains in imports of capital goods, except autos. The other major end-use categories remained weak—below or no higher than year-ago levels. The weakness reflected, to some extent, substantial increases in prices (see the section on prices later in the "Business Situation"), which were largely due to depreciation of the dollar.

Imports of services increased \$½ billion, following a \$6½ billion increase. The slowdown was in factor income and mirrored movements in interest rates on portfolio investment.

Exports increased \$16 billion, following a similar increase in the second quarter. Merchandise exports, both agricultural and nonagricultural, increased strongly in both quarters. The third-quarter increase in agricultural exports, mainly in soybean exports, reflected the growing competitiveness of U.S. agricultural products

CHART 4 Selected Interest Rates



Data: FRB, FHLMC.

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

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in the world market due to lower prices and reduced competitor supplies.

Increases in nonagricultural exports in the second and third quarters averaged \$10½ billion, twice the average increase in the preceding four quarters. The second- and third-quarter increases were spread across most of the major end-use categories, but were especially sharp in exports of capital goods, except autos. The strength in nonagricultural exports reflected, to some extent, the cumulative effects of dollar depreciation.

Exports of services declined \$1½ billion, following a \$5 billion increase in the second quarter. Factor income increased less than in the second quarter, mirroring movements in interest rates on portfolio investment; other services declined after an increase.

Government purchases

Real government purchases increased \$9 billion, or 4½ percent, in the third quarter, following an increase of \$7 billion, or 4 percent, in the second (table 6). Federal Government purchases increased by about the same amount in the third quarter as in the second; State and local government purchases increased more than in the second quarter.

Within Federal Government purchases, national defense purchases increased much less than in the second quarter; the slowdown was concentrated in services other than employee compensation and in military hardware. Nondefense purchases increased after a small decline; the swing reflected the pattern of changes in inventories held by the Commodity Credit Corporation (CCC). The level of CCC inventories declined in each of the past three quarters, but the decline was considerably larger in the second quarter than in the first or third quarters. Withdrawals from CCC inventories, particularly in the second quarter, included not only redemptions by farmers of crops they had previously placed under loan but also redemptions using certificates initially issued to farmers by the CCC in lieu of cash subsidy payments. Other nondefense purchases resumed a slight downtrend that had been interrupted in the second quarter by a bulge in services other than employee compensation.

Table 6.—Real Government Purchases of Goods and Services

[Seasonally adjusted at annual rates]

	Billions of 1982 dollars					Percent change from preceding quarter			
	1987:III	Change from preceding quarter				1986		1987	
		1986		1987		IV	I	II	III
		IV	I	II	III				
Government purchases of goods and services.....	775.5	14.6	-12.2	7.1	8.8	7.9	-6.2	3.8	4.7
Federal.....	338.3	12.0	-17.3	5.3	5.7	15.2	-18.6	6.6	7.0
National defense.....	264.9	-7.1	4.7	6.1	1.4	-10.5	7.6	9.8	2.1
Nondefense.....	73.4	19.1	-22.0	-8	4.3	153.9	-66.5	-4.5	27.3
Commodity Credit Corporation inventory change	-4.3	19.5	-21.3	-6.6	4.8				
Other.....	77.7	-4	-7	5.8	-5	-2.2	-3.8	36.1	-2.5
State and local.....	437.3	2.5	5.2	1.8	3.2	2.4	5.0	1.7	3.0
Structures.....	55.5	-7	2.2	-1.4	2	-5.0	17.2	-9.5	1.5
Other.....	381.8	3.2	3.0	3.2	3.0	3.5	3.3	3.5	3.2

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 3.8B.

Within State and local government purchases, structures changed little after a decline in the second quarter. The pattern largely reflected changes in two components: Buildings changed little after a \$1 billion decline, and highways increased \$½ billion after a \$½ billion decline.

Prices

GNP prices and gross domestic purchases prices both decelerated 1½ percentage points in the third quarter—to increases of 2½ percent and 3 percent, respectively (table 7). The continued higher increases in the purchases price measure largely reflected substantial increases in the prices of merchandise imports. As shown in

the addenda to the table, prices of merchandise imports have increased at double-digit rates in recent quarters. The sharp, although decelerating, increases in petroleum prices during the period are most notable, but prices of other imported goods have registered strong increases as well. Over the past three quarters, increases in prices of industrial supplies and materials, excluding petroleum, averaged 11½ percent; increases in prices of capital goods, except autos, averaged 6½ percent; and increases in prices of consumer goods averaged 9 percent.

The third-quarter slowdown in inflation was widespread. Prices of PCE, fixed investment, and government purchases all increased less than in the second quarter.

PCE prices increased 3½ percent, following a 5-percent increase in the second quarter. Food prices were up moderately after a strong second-quarter increase, when prices of meat and of fruits and vegetables had been up sharply. Increases in meat prices slowed in the third quarter; in particular, retail prices of beef leveled off, after a 5-year high in June. Prices of fruits and vegetables fell in the third quarter. Energy prices, largely reflecting gasoline prices, increased a little less in the third quarter than in the second. Other PCE prices were up less than in the second quarter. The slowdown was largely accounted for by prices of clothing and shoes; these prices, which often fluctuate sharply from quarter to quarter, declined in the third quarter after a double-digit increase in the second.

Among the investment components, increases in the prices of structures—both nonresidential and residential—

Table 7.—Price Indexes (Fixed Weights):
Change From Preceding Quarter

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

	1986		1987	
	IV	I	II	III
GNP.....	2.3	4.5	4.1	2.7
Less: Exports.....	0	4.0	4.4	3.1
Plus: Imports.....	8.7	12.5	11.3	8.3
Equals: Gross domestic purchases..	3.1	5.3	4.7	3.2
Less: Change in business inventories.....				
Equals: Final sales to domestic purchasers.....	3.1	5.3	4.7	3.2
Personal consumption expenditures.....	3.0	5.7	5.2	3.5
Food.....	4.7	2.6	5.9	2.3
Energy.....	-10.8	27.2	8.9	8.1
Other personal consumption expenditures.....	3.9	4.7	4.7	3.4
Nonresidential structures.....	1.3	3.3	3.8	.7
Producers' durable equipment.....	2.6	.9	0	.3
Residential investment.....	3.5	5.3	6.7	1.6
Government purchases.....	3.8	5.8	4.6	3.8
Addenda:				
Merchandise imports.....	11.8	14.6	13.6	10.7
Petroleum and products.....	57.1	126.3	50.4	28.5
Other merchandise.....	7.1	3.9	8.5	7.9

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Most index number levels are found in tables 7.1 and 7.3.

decelerated sharply in the third quarter. PDE prices have changed little in the past three quarters.

Prices paid by government increased 4 percent, slightly less than in the second quarter. Prices of Federal defense purchases—primarily reflecting missiles, aircraft, and employee compensation—increased considerably less than in the second quarter. Prices of nondefense purchases were up somewhat less than in the second quarter, and prices of State and local government purchases were up somewhat more.

Personal Income

Personal income increased \$51 billion in the third quarter, following a \$46½ billion increase in the second (table 8). The acceleration was largely accounted for by stronger increases in wage and salary disbursements and in personal interest income. Disposable personal income jumped in the third

quarter, as personal tax and nontax payments fell after a sharp increase in the second.

Wage and salary disbursements increased \$35½ billion in the third quarter, following a \$28 billion increase in the second. The step-up was concentrated in wages and salaries in the manufacturing and services industries, although the other major private industries also contributed. Employment, average weekly hours, and average hourly earnings in the private industries all increased more than in the second quarter. Government wages and salaries increased by about the same amount as in the second quarter. (Treatment in the national income and product accounts of a shift in pay days for military personnel is described in the accompanying explanatory note.)

Farm proprietors' income decreased \$8 billion in the third quarter, following a decrease of \$4 billion in the second. Federal agricultural subsidy

payments to farmers declined in both quarters—\$5 billion in the third and \$9½ billion in the second; farm income excluding subsidies declined \$3 billion in the third quarter after a \$5½ billion increase in the second. The swing in farm income excluding subsidies was largely attributable to changes in prices received by farmers; crop prices were down in the third quarter after a strong increase in the second, and livestock prices increased much less in the third than in the second. Nonfarm proprietors' income was up somewhat more in the third quarter than in the second; the pickup reflected increases in the services and real estate industries after declines in the second quarter.

Personal interest income was up \$11½ billion in the third quarter, following a \$6½ billion increase in the second. The step-up reflected continued increases in interest rates.

Transfer payments were up less in the third quarter than in the second. In the second quarter, retroactive social security payments amounting to \$2 billion were made to recent retirees. These retroactive payments are one-time payments; thus, the change in transfer payments was raised \$2 billion in the second quarter and reduced \$2 billion in the third.

Third-quarter changes in the remaining components of personal income were small and were similar to those in the second quarter. Other labor income and personal dividend income increased, and rental income declined. Personal contributions for

Table 8.—Personal Income and Its Disposition

(Billions of dollars; seasonally adjusted at annual rates)

	Level 1987:III	Change from preceding year			
		1986	1987		
			IV	I	II	III
Wage and salary disbursements.....	2,227.0	30.6	34.8	28.1	35.6
Manufacturing.....	484.9	4.5	2.7	1.8	5.9
Other commodity-producing.....	156.6	1.1	1.8	.3	.6
Distributive.....	526.9	6.1	6.8	7.4	8.0
Services.....	634.4	12.8	15.1	12.6	15.1
Government and government enterprises.....	424.2	6.1	8.4	5.9	6.1
Other labor income.....	211.1	2.1	2.3	2.8	1.6
Proprietors' income.....	322.1	5.3	23.1	2.2	-1.0
Farm.....	39.1	.3	14.7	-4.0	-8.2
Nonfarm.....	283.0	5.0	8.5	6.1	7.2
Rental income of persons.....	18.5	1.2	1.6	-1.1	-4
Personal dividend income.....	88.7	.8	1.6	1.8	2.4
Personal interest income.....	517.6	-1.3	3.0	6.5	11.3
Transfer payments.....	545.4	3.0	7.1	7.8	3.9
Less: Personal contributions for social insurance.....	170.8	1.7	4.9	1.7	2.4
Personal income.....	3,759.7	40.0	68.4	46.6	51.1
Less: Personal tax and nontax payments.....	566.2	16.7	4.1	41.9	-11.8
Impact of Tax Reform Act of 1986 ¹		2.2	-13.2	25.7	-25.6
Other.....		14.5	17.3	16.2	13.8
Equals: Disposable personal income.....	3,193.5	23.4	64.3	4.7	62.9
Less: Personal outlays.....	3,098.9	23.3	34.9	49.9	61.5
Equals: Personal saving.....	94.6	.1	29.4	-45.2	1.4
Addenda: Special factors in personal income:					
In wages and salaries:					
Federal Government and Postal Service pay adjustments.....		.2	2.7	.1	
In other labor income:					
Initial Federal Government payment to employee savings fund.....				.6	-6
In farm proprietors' income:					
Agricultural subsidy payments.....		2.7	11.9	-9.3	-5.0
In transfer payments:					
Social security retroactive payments.....		-2.2		1.8	-1.8
Cost-of-living increases in Federal transfer payments.....			3.6		
In personal contributions for social insurance:					
Social security base changes and increase in premium for supplementary medical insurance.....			2.0		

1. Estimates of the impact of the Tax Reform Act of 1986 on Federal Government personal tax payments and indirect effects on State and local personal tax payments.

NOTE.—Most dollar levels are found in the National Income and Product Accounts Tables, table 2.1.

Shift in Military Pay Days

Recently enacted legislation has resulted in some shifting of the end-of-the-month pay days for military personnel. Previously, these pay days were the last nonholiday weekday of each month. Beginning with September 1987, these pay days are shifted to the first day of the next month if the first falls on a nonholiday weekday. Thus, it is possible for some months to have one pay day more than normal and some months to have one less. Because these shifts would result in large month-to-month changes in personal income that have little economic significance, wages paid to military personnel on the first of a month will be recorded in the national income and product accounts in the prior month. Shifts in pay days for other employees are treated in a similar manner.

social insurance, which are subtracted in deriving the personal income total, registered a small increase.

Personal tax and nontax payments decreased \$12 billion in the third quarter, following a \$42 billion surge in the second. The swing reflected the direct and indirect effects of the Tax Reform Act of 1986 on Federal and on State and local tax payments. These effects subtracted \$25½ billion from the change in tax payments in the third quarter after adding \$25½ billion to the second-quarter change. Most of the third-quarter swing in Federal tax payments resulted from a sharp dropoff in declarations (estimated tax payments) and net settlements (final tax payments less refunds on the preceding year's taxes). These payments had been large in the first half of the year, reflecting the acceleration of capital gains realizations into 1986. The third-quarter swing in State and local tax payments reflected the indirect effects of the tax act, which had raised second-quarter payments to the extent that taxpayers shifted realizations of capital gains into 1986. (For more information, see the discussion in the July 1987 "Business Situation.")

Largely reflecting the sharp swing in personal tax and nontax payments, disposable personal income (DPI) jumped \$63 billion in the third quarter, following a \$4½ billion increase in the second. Real DPI increased 4½ percent in the third quarter, following a 4½-percent decline in the second; the swing reflected both the sharp acceleration in DPI and the deceleration in PCE prices.

Personal outlays—largely PCE—were up about the same as DPI in the third quarter; they had been up much more than DPI in the second. As a result, personal saving swung sharply from a \$45 billion decrease to a \$1½ billion increase. The personal saving rate, after dropping 1.4 percentage points to 3.0 percent in the second quarter, was unchanged in the third.

Motor Vehicles

Sales of new cars, boosted by manufacturers' sales-incentive programs, jumped 1.5 million units to 11.5 million (seasonally adjusted annual rate) in the third quarter (chart 5). The third-quarter increase was the largest since the 1.9-million jump in the third

quarter of 1986, which had also been spurred by incentive programs.

Two-thirds of the third-quarter increase was in sales of domestic cars, which were up to 8.0 million from 7.0 million in the second quarter. The sharp increase reflected the introduction of sales-incentive programs offering interest rates as low as 1.9 percent. However, third-quarter sales were well below the record of 9.5 million in the third quarter of 1986; the lower level of sales in the third quarter of this year reflected the weakness in domestic car sales in 1987 and the fact that the recent sales-incentive programs were less attractive than those offered in the third quarter of 1986.

Domestic car sales averaged 6.9 million in the first half of 1987, compared with 7.8 million in the first half of 1986. The weakness in 1987 sales was due to several factors, including a saturation in the new car market, a slight decline in consumer confidence, and a substitution by consumers of purchases of light trucks (pickups, recreational vehicles, and vans) for cars. Further, incentive programs in the third quarter of 1987 may have had a different effect on quarterly sales patterns than programs in the third quarters of 1985 and 1986. Programs in 1985 and 1986, which were not expected by consumers, shifted sales only from future quarters. In the first and second quarters of 1987, consumers, anticipating enhanced incentive programs at the end of the model year, may have postponed purchases.

The third-quarter 1987 incentive programs were similar to, but less attractive than, programs offered in the third quarter of last year. The recent programs were not as dramatically different from programs in preceding quarters, and, because the interest rates offered were not as far below prevailing market rates, the incentives amounted to a smaller portion of a consumer's total outlay for a new car.

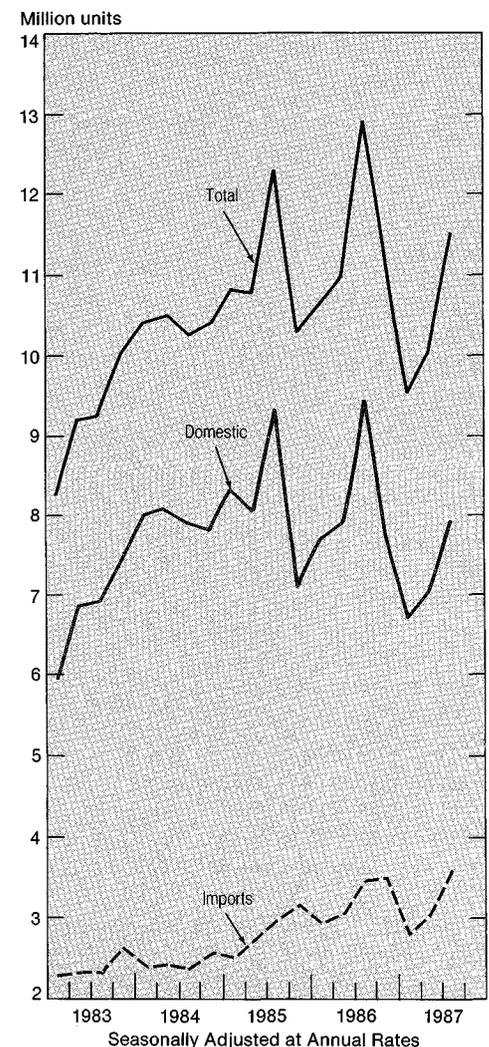
In addition to offering enhanced incentive programs in the third quarter of 1987, domestic automakers cut production to reduce inventories. Domestic car production declined to 6.3 million units from 7.1 million in the second quarter. Domestic car inventories declined sharply to 1.36 million units from 1.80 million in the second quarter. Reflecting higher sales and

reduced inventories, the inventory-sales ratio fell sharply to 2.1 in the third quarter, the lowest level since 1.7 in the third quarter of 1986. The ratio had been 3.1 in the second quarter.

Sales of imported cars increased to a record 3.6 million in the third quarter from 3.0 million in the second. The increase reflected, in part, incentive programs offered by foreign automakers in an attempt to compete with the domestic programs.

Unit sales of new trucks increased to 5.3 million in the third quarter from 5.0 million in the second. Sales of domestic trucks increased to 4.4 million from 4.1 million; sales of imported trucks were 0.9 million in each quarter.

CHART 5
Retail Sales of New Cars



Seasonally Adjusted at Annual Rates
Data: Motor Vehicle Manufacturers Association of the United States, Inc., and Wards Automotive Reports; seasonally adjusted by BEA.

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

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National Income and Product Accounts Tables

New estimates in this issue: Third quarter 1987, preliminary (P).
 Estimates for 1929-82 are in *The National Income and Product Accounts, 1929-82: Statistical Tables* (GPO Stock No. 003-010-00174-7, price \$23.00). Estimates for 1983 are in the July 1986 SURVEY. Estimates for 1984-86 are in the July 1987 SURVEY. These publications are available from the Superintendent of Documents and Commerce Department District Offices; see addresses inside front cover.
 The full set of national income and product accounts estimates shown regularly in this part of the SURVEY are now available on diskette for \$240 per year (12 updates). For more information, write to the Bureau of Economic Analysis (BE-54), U.S. Department of Commerce, Washington, DC 20230.

Table 1.1.—Gross National Product

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	4,010.3	4,235.0	4,211.6	4,265.9	4,288.1	4,377.7	4,445.1	4,512.0
Personal consumption expenditures	2,629.4	2,799.8	2,765.8	2,837.1	2,858.6	2,893.8	2,943.7	3,003.7
Durable goods.....	368.7	402.4	386.4	427.6	419.8	396.1	409.0	432.6
Nondurable goods.....	913.1	939.4	934.3	940.0	946.3	969.9	982.1	988.1
Services.....	1,347.5	1,458.0	1,445.1	1,469.5	1,492.4	1,527.7	1,552.6	1,583.0
Gross private domestic investment	641.6	671.0	679.4	660.8	660.2	699.9	702.6	696.5
Fixed investment.....	631.6	655.2	651.9	657.3	666.6	648.2	662.3	681.1
Nonresidential.....	442.6	436.9	433.8	433.5	439.7	422.8	434.6	452.8
Structures.....	152.5	137.4	135.9	131.1	132.9	128.7	129.7	133.5
Producers' durable equipment.....	290.1	299.5	297.9	302.4	306.7	294.1	304.9	319.3
Residential.....	189.0	218.3	218.1	223.8	226.9	225.4	227.7	228.3
Change in business inventories.....	10.0	15.7	27.5	3.5	-6.4	51.6	40.3	15.5
Nonfarm.....	13.6	16.8	24.5	-9	5.1	48.7	27.3	7.7
Farm.....	-3.6	-1.1	3.0	4.5	-11.6	2.9	13.0	7.7
Net exports of goods and services	-79.2	-105.5	-100.8	-110.5	-116.9	-112.2	-118.4	-121.7
Exports.....	369.9	376.2	371.3	376.6	383.3	397.3	416.5	433.4
Imports.....	449.1	481.7	472.1	487.1	500.2	509.5	534.8	555.1
Government purchases of goods and services	818.6	869.7	867.2	878.5	886.3	896.2	917.1	933.5
Federal.....	353.9	366.2	368.4	371.2	368.6	366.9	379.6	384.6
National defense.....	259.3	277.8	278.2	287.6	279.0	287.5	294.5	296.0
Nondefense.....	94.6	88.4	90.2	83.6	89.6	79.4	85.1	88.6
State and local.....	464.7	503.5	498.8	507.3	517.7	529.3	537.6	548.9

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

Table 1.2.—Gross National Product in Constant Dollars

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Personal consumption expenditures	2,352.6	2,450.5	2,434.3	2,477.5	2,480.5	2,475.9	2,487.5	2,517.0
Durable goods.....	352.7	383.5	369.6	405.5	399.0	375.9	385.4	403.3
Nondurable goods.....	849.5	877.2	880.0	879.8	880.3	883.2	879.0	878.4
Services.....	1,150.4	1,189.8	1,184.7	1,192.2	1,201.1	1,216.9	1,223.1	1,235.4
Gross private domestic investment	636.1	654.0	665.6	645.0	631.0	671.8	673.7	676.5
Fixed investment.....	628.7	640.2	637.6	638.8	645.4	624.2	634.7	658.4
Nonresidential.....	454.1	443.8	441.0	437.7	443.2	426.0	437.9	461.8
Structures.....	149.4	130.3	128.4	122.7	124.6	120.4	120.4	124.9
Producers' durable equipment.....	304.8	313.5	312.6	315.0	318.6	305.6	317.5	336.8
Residential.....	174.6	196.4	196.5	201.1	202.2	198.2	196.8	196.7
Change in business inventories.....	7.4	13.8	28.1	6.1	-14.4	47.6	39.0	18.1
Nonfarm.....	12.0	15.4	23.9	1	2.3	43.9	22.7	9.2
Farm.....	-4.6	-1.6	4.2	6.0	-16.6	3.7	16.3	8.9
Net exports of goods and services	-108.2	-145.8	-146.8	-161.6	-151.8	-135.2	-132.7	-137.9
Exports.....	365.3	377.4	370.2	379.6	388.3	397.8	414.5	430.6
Imports.....	473.6	523.2	517.0	541.2	540.1	533.0	547.2	568.5
Government purchases of goods and services	726.9	754.5	751.6	757.2	771.8	759.6	766.7	775.5
Federal.....	324.2	332.5	330.6	332.6	344.6	327.3	332.6	338.3
National defense.....	236.7	250.7	250.1	259.8	252.7	257.4	263.5	264.9
Nondefense.....	87.5	81.8	80.4	72.8	91.9	69.9	69.1	73.4
State and local.....	402.7	422.1	421.0	424.6	427.1	432.3	434.1	437.3

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

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

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	4,010.3	4,235.0	4,211.6	4,265.9	4,288.1	4,377.7	4,445.1	4,512.0
Final sales.....	4,000.3	4,219.3	4,184.0	4,262.4	4,294.6	4,326.0	4,404.8	4,496.5
Change in business inventories.....	10.0	15.7	27.5	3.5	-6.4	51.6	40.3	15.5
Goods	1,637.9	1,693.8	1,689.9	1,703.5	1,698.9	1,738.7	1,763.5	1,788.5
Final sales.....	1,627.9	1,678.0	1,662.4	1,700.0	1,705.3	1,687.1	1,723.2	1,773.1
Change in business inventories.....	10.0	15.7	27.5	3.5	-6.4	51.6	40.3	15.5
Durable goods.....	704.3	726.8	717.0	735.8	737.3	747.0	756.7	776.8
Final sales.....	696.9	721.9	707.0	747.9	741.8	711.9	734.6	778.4
Change in business inventories.....	7.3	4.8	10.1	-12.1	-4.5	35.2	22.1	-1.6
Nondurable goods.....	933.6	967.0	972.9	967.8	961.6	991.7	1,006.8	1,011.7
Final sales.....	931.0	956.1	955.4	952.1	963.5	975.2	988.6	994.7
Change in business inventories.....	2.7	10.9	17.5	15.6	-1.9	16.5	18.2	17.1
Services	1,969.3	2,116.2	2,097.9	2,136.6	2,160.0	2,212.0	2,252.2	2,289.3
Structures	403.1	425.1	423.8	425.7	429.3	426.9	429.4	434.1

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

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

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Final sales.....	3,600.1	3,699.5	3,676.7	3,711.9	3,745.8	3,724.5	3,756.3	3,813.1
Change in business inventories.....	7.4	13.8	28.1	6.1	-14.4	47.6	39.0	18.1
Goods	1,548.6	1,595.0	1,594.4	1,593.7	1,602.6	1,626.0	1,638.2	1,658.3
Final sales.....	1,541.2	1,581.3	1,566.4	1,587.5	1,616.9	1,578.4	1,599.2	1,640.2
Change in business inventories.....	7.4	13.8	28.1	6.1	-14.4	47.6	39.0	18.1
Durable goods.....	688.0	716.9	705.9	724.8	731.2	739.2	753.2	777.6
Final sales.....	681.6	712.6	696.9	735.9	735.5	707.8	733.4	778.2
Change in business inventories.....	6.4	4.3	9.0	-11.1	-4.3	31.4	19.9	-6
Nondurable goods.....	860.6	878.1	888.5	868.8	871.4	886.8	885.0	880.7
Final sales.....	859.7	868.6	869.5	851.6	881.4	870.6	865.9	862.0
Change in business inventories.....	.9	9.5	19.1	17.2	-10.0	16.2	19.1	18.7
Services	1,679.5	1,730.8	1,724.2	1,738.7	1,741.3	1,764.0	1,777.4	1,788.6
Structures	379.4	387.4	386.0	385.6	387.5	382.1	379.7	384.3

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

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

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	4,010.3	4,235.0	4,211.6	4,265.9	4,288.1	4,377.7	4,445.1	4,512.0
Less: Exports of goods and services.....	369.9	376.2	371.3	376.6	383.3	397.3	416.5	433.4
Plus: Imports of goods and services.....	449.2	481.7	472.1	487.1	500.2	509.5	534.8	555.1
Equals: Gross domestic purchases¹.....	4,089.5	4,340.5	4,312.4	4,376.4	4,405.1	4,489.8	4,563.4	4,633.7
Less: Change in business inventories.....	10.0	15.7	27.5	3.5	-6.4	51.6	40.3	15.5
Equals: Final sales to domestic purchasers².....	4,079.5	4,324.8	4,284.9	4,372.9	4,411.5	4,438.2	4,523.2	4,618.2

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

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

Table 1.7.—Gross National Product by Sector

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	4,010.3	4,235.0	4,211.6	4,265.9	4,288.1	4,377.7	4,445.1	4,512.0
Gross domestic product.....	3,970.5	4,201.3	4,179.4	4,230.4	4,260.6	4,346.9	4,417.3	4,484.2
Business.....	3,409.5	3,605.2	3,587.9	3,630.7	3,650.8	3,725.2	3,785.0	3,842.2
Nonfarm.....	3,340.1	3,538.8	3,509.9	3,557.9	3,586.6	3,650.4	3,704.1	3,763.3
Nonfarm less housing.....	3,025.0	3,186.3	3,165.5	3,206.8	3,228.5	3,286.5	3,333.8	3,386.2
Housing.....	315.1	347.4	344.4	351.2	358.1	363.9	370.3	377.2
Farm.....	75.1	76.4	77.1	78.8	75.7	76.9	84.1	82.0
Statistical discrepancy.....	-5.6	-4.9	.9	-6.1	-11.6	-2.2	-3.1	-3.1
Households and institutions.....	142.2	152.2	151.2	153.4	155.4	158.9	162.2	165.8
Private households.....	9.0	9.3	9.2	9.4	9.6	9.7	9.9	10.0
Nonprofit institutions.....	133.1	142.8	141.9	144.0	145.8	149.2	152.3	155.8
Government.....	418.8	443.9	440.3	446.3	454.5	462.9	470.0	476.2
Federal.....	140.5	143.9	143.7	144.0	144.7	148.8	150.2	150.6
State and local.....	278.3	299.9	296.7	302.3	309.8	314.1	319.8	325.6
Rest of the world.....	39.8	33.7	32.2	35.5	27.5	30.7	27.8	27.8
Addendum:								
Gross domestic business product less housing.....	3,085.8	3,249.8						

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]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Gross domestic product.....	3,571.5	3,683.5	3,676.3	3,686.9	3,707.3	3,745.6	3,771.4	3,807.5
Business.....	3,095.1	3,197.9	3,191.5	3,200.2	3,218.5	3,254.7	3,278.4	3,312.0
Nonfarm.....	3,021.3	3,117.5	3,106.7	3,120.2	3,142.5	3,171.4	3,196.2	3,230.3
Nonfarm less housing.....	2,756.0	2,841.9	2,832.1	2,843.4	2,863.7	2,890.7	2,913.5	2,945.6
Housing.....	265.3	275.5	274.6	276.8	278.8	280.7	282.7	284.7
Farm.....	78.9	84.7	84.0	85.3	86.3	85.2	84.9	84.4
Statistical discrepancy.....	-5.1	-4.3	.8	-5.4	-10.2	-1.9	-2.7	-2.7
Households and institutions.....	121.1	125.9	125.8	126.6	127.2	128.9	130.0	131.8
Private households.....	8.8	9.0	8.9	9.1	9.2	9.3	9.5	9.6
Nonprofit institutions.....	112.3	116.9	116.8	117.5	118.0	119.5	120.6	122.2
Government.....	355.3	359.7	359.0	360.2	361.6	362.0	363.0	363.7
Federal.....	122.3	122.6	122.4	122.5	123.0	122.7	122.8	122.9
State and local.....	232.9	237.1	236.6	237.7	238.6	239.3	240.2	240.8
Rest of the world.....	36.0	29.8	28.4	31.1	24.2	26.6	23.9	23.7
Addendum:								
Gross domestic business product less housing.....	2,820.6	2,913.1						

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]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Less: Exports of goods and services.....	365.3	377.4	370.2	379.6	388.3	397.8	414.5	430.6
Plus: Imports of goods and services.....	473.6	523.2	517.0	541.2	540.1	533.0	547.2	568.5
Equals: Gross domestic purchases¹.....	3,715.7	3,859.1	3,851.5	3,879.6	3,883.3	3,907.4	3,927.9	3,969.1
Less: Change in business inventories.....	7.4	13.8	28.1	6.1	-14.4	47.6	39.0	18.1
Equals: Final sales to domestic purchasers².....	3,708.3	3,845.3	3,823.4	3,873.5	3,897.6	3,859.7	3,888.9	3,951.0

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

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

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

[Billions of dollars]

Gross national product.....	4,010.3	4,235.0	4,211.6	4,265.9	4,288.1	4,377.7	4,445.1	4,512.0
Less: Capital consumption allowances with capital consumption adjustment.....	437.6	456.7	454.1	458.9	465.9	469.7	476.6	480.5
Capital consumption allowances without capital consumption adjustment.....	462.9	477.7	474.8	478.1	484.3	496.6	502.8	509.1
Less: Capital consumption adjustment.....	25.3	21.0	20.8	19.2	18.4	26.8	26.2	28.6
Equals: Net national product.....	3,572.7	3,778.4	3,757.5	3,807.0	3,822.3	3,907.9	3,968.5	4,031.5
Less: Indirect business tax and nontax liability.....	333.2	347.7	340.7	352.8	351.9	358.3	365.2	372.8
Business transfer payments.....	21.6	22.3	22.2	22.4	22.6	22.8	23.1	23.3
Statistical discrepancy.....	-5.6	-4.9	.9	-6.1	-11.6	-2.2	-3.1	-3.1
Plus: Subsidies less current surplus of government enterprises.....	6.3	8.7	20.4	.7	11.6	19.3	9.9	.8
Equals: National income.....	3,229.9	3,422.0	3,414.1	3,438.7	3,471.0	3,548.3	3,593.3	
Less: Corporate profits with inventory valuation and capital consumption adjustments.....	277.6	284.4	282.3	286.4	281.1	294.0	296.8	
Net interest.....	315.3	326.1	328.7	327.5	321.7	323.6	331.1	339.5
Contributions for social insurance.....	352.7	374.3	371.9	374.9	381.0	386.7	390.9	396.7
Wage accruals less disbursements.....	-2	0	0	0	0	0	0	.2
Plus: Government transfer payments to persons.....	468.2	496.0	492.3	501.2	504.1	510.9	518.4	522.1
Personal dividend income.....	476.5	497.6	500.0	498.1	496.8	499.8	506.3	517.6
Personal dividend income..	76.3	81.2	81.0	82.1	82.9	84.5	86.3	88.7
Business transfer payments.....	21.6	22.3	22.2	22.4	22.6	22.8	23.1	23.3
Equals: Personal income.....	3,327.0	3,534.3	3,526.6	3,553.6	3,593.6	3,662.0	3,708.6	3,759.7

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

[Billions of 1982 dollars]

Gross national product.....	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Less: Capital consumption allowances with capital consumption adjustment.....	426.3	442.0	439.6	444.2	449.1	453.2	456.6	460.4
Equals: Net national product.....	3,181.2	3,271.2	3,265.2	3,273.8	3,282.4	3,318.9	3,338.7	3,370.8
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	300.4	314.2	312.0	319.0	318.7	316.2	319.9	322.8
Statistical discrepancy.....	-5.1	-4.3	.8	-5.4	-10.2	-1.9	-2.7	-2.7
Equals: National income.....	2,885.9	2,961.4	2,952.4	2,960.1	2,973.9	3,004.6	3,021.5	

Table 1.11 is on the next page.

Table 1.14.—National Income by Type of Income

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^a
National income	3,229.9	3,422.0	3,414.1	3,438.7	3,471.0	3,548.3	3,593.3	
Compensation of employees	2,370.8	2,504.9	2,487.6	2,515.1	2,552.0	2,589.9	2,623.4	2,664.3
Wages and salaries	1,974.7	2,089.1	2,074.6	2,097.9	2,128.5	2,163.3	2,191.4	2,227.2
Government and government enterprises	372.1	394.8	391.6	397.7	403.8	412.2	418.1	424.2
Other	1,602.6	1,694.3	1,683.0	1,700.2	1,724.7	1,751.1	1,773.3	1,803.0
Supplements to wages and salaries	396.1	415.8	413.0	417.2	423.5	426.6	432.0	437.1
Employer contributions for social insurance	203.8	214.7	213.1	214.9	219.1	220.0	222.5	226.0
Other labor income	192.3	201.1	199.8	202.3	204.4	206.7	209.5	211.1
Proprietors' income with inventory valuation and capital consumption adjustments	257.3	289.8	298.1	292.5	297.8	320.9	323.1	322.1
Farm	29.7	37.2	48.1	36.3	36.6	51.3	47.3	39.1
Proprietors' income with inventory valuation adjustment	38.3	45.4	56.3	44.3	44.5	59.0	55.0	46.7
Capital consumption adjustment	-8.6	-8.1	-8.2	-8.0	-7.9	-7.7	-7.7	-7.6
Nonfarm	227.6	252.6	250.1	256.2	261.2	269.7	275.8	283.0
Proprietors' income with inventory valuation adjustment	196.0	217.7	217.4	220.2	223.9	232.4	236.5	240.8
Capital consumption adjustment	-2	-2	-1.6	.7	.4	-1.8	-1.5	-5
Rental income of persons with capital consumption adjustment	31.8	35.1	34.2	35.3	36.9	39.1	40.9	42.7
Rental income of persons	9.0	16.7	17.4	17.2	18.4	20.0	18.9	18.5
Capital consumption adjustment	54.0	62.2	62.8	62.8	64.6	66.2	67.2	66.9
Corporate profits with inventory valuation and capital consumption adjustments	277.6	284.4	282.3	286.4	281.1	294.0	296.8	
Corporate profits with inventory valuation adjustment	224.1	238.4	235.6	242.4	239.0	245.7	248.8	
Profits before tax	224.8	231.9	224.4	236.3	247.9	257.0	268.7	
Profits tax liability	96.7	105.0	102.1	106.1	113.9	128.0	134.2	
Profits after tax	128.1	126.8	122.3	130.2	134.0	129.0	134.5	
Dividends	81.3	86.8	86.6	87.7	88.6	90.3	92.4	95.2
Undistributed profits	46.8	40.0	35.7	42.5	45.4	38.7	42.1	
Inventory valuation adjustment	-7	6.5	11.3	6.0	-8.9	-11.3	-20.0	-13.5
Capital consumption adjustment	53.5	46.0	46.7	44.0	42.1	48.2	48.0	48.6
Net interest	315.3	326.1	328.7	327.5	321.7	323.6	331.1	339.5
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments	180.9	179.4	180.2	180.3	167.1	165.9	162.6	
Net cash flow with inventory valuation and capital consumption adjustments	368.7	375.4	374.5	376.9	367.9	367.3	364.6	
Undistributed profits with inventory valuation and capital consumption adjustments	99.6	92.6	93.6	92.6	78.5	75.6	70.1	
Capital consumption allowances with capital consumption adjustment	269.1	282.8	280.9	284.3	289.3	291.8	294.5	296.9
Less: Inventory valuation adjustment	-7	6.5	11.3	6.0	-8.9	-11.3	-20.0	-13.5
Equals: Net cash flow	369.4	368.9	363.3	370.9	376.7	378.7	384.6	

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

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^a
	Billions of dollars							
Gross domestic product of corporate business	2,422.7	2,539.1	2,520.8	2,552.7	2,572.0	2,613.7	2,646.8	
Capital consumption allowances with capital consumption adjustment	269.1	282.8	280.9	284.3	289.3	291.8	294.5	296.9
Net domestic product	2,153.6	2,256.2	2,240.0	2,268.4	2,282.7	2,321.9	2,352.3	
Indirect business tax and nontax liability plus business transfer payments less subsidies	232.0	242.2	235.3	246.6	244.8	248.0	253.9	259.9
Domestic income	1,921.6	2,014.1	2,004.6	2,021.8	2,037.9	2,073.9	2,098.4	
Compensation of employees	1,605.6	1,689.1	1,678.9	1,695.4	1,715.3	1,741.1	1,760.7	1,787.5
Wages and salaries	1,343.3	1,414.4	1,405.7	1,419.6	1,437.1	1,463.1	1,480.2	1,503.5
Supplements to wages and salaries	262.3	274.7	273.2	275.9	278.2	278.1	280.6	283.9
Corporate profits with inventory valuation and capital consumption adjustments	247.1	253.2	253.6	254.3	251.4	261.3	263.8	
Profits before tax	194.3	200.7	195.7	204.2	213.2	224.4	235.7	
Profits tax liability	96.7	105.0	102.1	106.1	113.9	128.0	134.2	
Profits after tax	97.6	95.6	93.6	98.1	104.3	96.4	101.5	
Dividends	69.0	71.5	74.5	70.9	72.0	80.2	84.1	86.9
Undistributed profits	28.6	24.1	19.1	27.2	32.3	16.2	17.5	
Inventory valuation adjustment	-7	6.5	11.3	6.0	-8.9	-11.3	-20.0	-13.5
Capital consumption adjustment	53.5	46.0	46.7	44.0	42.1	48.2	48.0	48.6
Net interest	68.9	71.8	72.2	72.0	71.1	71.5	73.9	75.9
Gross domestic product of financial corporate business	139.9	163.0	162.2	165.0	167.3	178.9	181.4	
Gross domestic product of nonfinancial corporate business	2,282.8	2,376.1	2,358.6	2,387.7	2,404.7	2,434.8	2,465.4	
Capital consumption allowances with capital consumption adjustment	252.8	264.4	262.9	265.6	269.6	271.8	274.3	276.4
Net domestic product	2,030.1	2,111.7	2,095.8	2,122.1	2,135.1	2,163.0	2,191.2	
Indirect business tax and nontax liability plus business transfer payments less subsidies	218.2	226.4	220.0	230.5	228.5	231.4	237.0	242.6
Domestic income	1,811.8	1,885.3	1,875.8	1,891.6	1,906.6	1,931.6	1,954.2	
Compensation of employees	1,492.6	1,560.7	1,551.8	1,564.1	1,582.6	1,598.4	1,615.1	1,638.7
Wages and salaries	1,248.7	1,306.4	1,298.9	1,309.0	1,325.2	1,342.5	1,357.1	1,377.8
Supplements to wages and salaries	243.9	254.2	252.9	255.1	257.3	256.0	258.0	260.9
Corporate profits with inventory valuation and capital consumption adjustments	227.7	225.8	225.0	227.7	224.6	233.4	235.9	
Profits before tax	175.9	174.6	163.7	179.0	192.1	196.9	207.9	
Profits tax liability	69.9	78.3	74.9	79.8	87.2	99.8	105.3	
Profits after tax	106.0	96.3	93.9	99.3	104.9	97.1	102.6	
Dividends	70.9	74.1	76.6	74.6	75.6	82.4	86.3	89.2
Undistributed profits	35.1	22.2	17.3	24.7	29.2	14.7	16.4	
Inventory valuation adjustment	-7	6.5	11.3	6.0	-8.9	-11.3	-20.0	-13.5
Capital consumption adjustment	52.6	44.6	45.0	42.7	41.4	47.8	47.9	48.6
Net interest	91.5	98.9	99.0	99.8	99.4	99.8	103.2	106.0
	Billions of 1982 dollars							
Gross domestic product of nonfinancial corporate business	2,127.1	2,182.2	2,171.9	2,180.8	2,199.3	2,207.6	2,219.9	
Capital consumption allowances with capital consumption adjustment	249.6	259.8	258.4	261.0	263.9	266.2	267.9	270.0
Net domestic product	1,877.5	1,922.4	1,913.6	1,919.8	1,935.3	1,941.4	1,952.0	
Indirect business tax and nontax liability plus business transfer payments less subsidies	191.5	200.3	198.6	204.0	203.4	200.5	202.5	204.9
Domestic income	1,686.0	1,722.1	1,714.9	1,715.8	1,731.9	1,740.9	1,749.5	

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

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^p
Gross national product	3,607.5	3,713.3	3,704.7	3,718.0	3,731.5	3,772.2	3,795.3	3,831.2
Less: Net exports of goods and services	-108.2	-145.8	-146.8	-161.6	-151.8	-135.2	-132.7	-137.9
Exports.....	365.3	377.4	370.2	379.6	388.3	397.8	414.5	430.6
Imports.....	473.6	523.2	517.0	541.2	540.1	533.0	547.2	568.5
Equals: Gross domestic purchases	3,715.7	3,859.1	3,851.5	3,879.6	3,883.3	3,907.4	3,927.9	3,969.1
Plus: Command-basis net exports of goods and services	-83.5	-114.6	-110.4	-122.8	-126.3	-117.4	-121.1	-124.7
Command-basis exports ¹	390.0	408.6	406.6	418.4	413.9	415.6	426.1	443.8
Imports.....	473.6	523.2	517.0	541.2	540.1	533.0	547.2	568.5
Equals: Command-basis gross national product	3,632.1	3,744.4	3,741.1	3,756.8	3,757.0	3,790.0	3,806.8	3,844.4
Addendum:								
Terms of trade ²	106.9	108.3	109.9	110.2	106.6	104.5	102.9	103.1

1. Exports of goods and services deflated by the implicit price deflator for imports of goods and services.

2. Ratio of the implicit price deflator for exports of goods and services to the implicit price deflator for imports of goods and services with the decimal point shifted two places to the right.

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

Table 1.19.—Truck Output

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^p
Truck output¹	56.2	58.4	59.7	58.9	58.3	61.4	61.3	62.9
Final sales	56.1	58.3	58.3	64.4	58.0	55.7	61.5	65.4
Personal consumption expenditures.....	23.9	27.6	26.9	33.3	26.9	27.0	29.9	31.5
Producers' durable equipment.....	33.0	32.4	33.0	34.1	31.4	32.1	34.9	36.8
Net exports of goods and services.....	-6.7	-7.4	-7.3	-8.7	-5.9	-8.0	-7.8	-7.5
Exports.....	2.7	3.0	3.2	2.7	3.2	3.0	3.2	3.0
Imports.....	9.4	10.3	10.5	11.4	9.1	11.0	11.0	10.4
Government purchases of goods and services.....	5.9	5.7	5.7	5.7	5.7	4.6	4.5	4.7
Change in business inventories.....	.1	.1	1.3	-5.5	.3	5.7	-1	-2.5

1. Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^p
Truck output¹	50.8	50.5	51.8	50.7	49.6	52.4	52.4	53.4
Final sales	50.7	50.4	50.6	55.4	49.4	47.6	52.5	55.5
Personal consumption expenditures.....	21.6	23.8	23.4	28.5	23.0	23.0	25.5	26.8
Producers' durable equipment.....	29.8	28.0	28.7	30.4	26.7	27.5	29.9	31.2
Net exports of goods and services.....	-6.0	-6.4	-6.4	-7.4	-5.1	-6.8	-6.6	-6.4
Exports.....	2.5	2.6	2.8	2.3	2.7	2.6	2.7	2.5
Imports.....	8.5	8.9	9.1	9.8	7.7	9.4	9.4	9.0
Government purchases of goods and services.....	5.3	4.9	4.9	4.9	4.8	3.9	3.8	3.9
Change in business inventories.....	.1	.1	1.1	-4.7	.2	4.8	-1	-2.0

1. Includes new trucks only.

Table 1.17.—Auto Output

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^p
Auto output	115.3	119.4	118.9	118.1	124.6	114.9	109.7	107.5
Final sales	110.5	118.5	110.7	131.6	121.0	95.6	104.8	124.9
Personal consumption expenditures	121.3	135.3	126.2	151.3	141.3	117.5	125.1	143.8
New autos.....	86.9	101.5	93.0	118.2	105.3	83.8	89.3	104.6
Net purchases of used autos.....	34.5	33.8	33.2	33.1	36.0	33.7	35.8	39.2
Producers' durable equipment.....	17.9	20.7	20.1	22.5	21.0	15.8	17.6	19.4
New autos.....	44.0	45.8	46.1	49.0	45.5	40.6	44.5	50.2
Net purchases of used autos.....	-26.1	-25.1	-26.0	-26.5	-24.5	-24.7	-26.8	-30.8
Net exports of goods and services.....	-30.0	-38.9	-36.9	-43.4	-42.6	-39.2	-39.5	-39.7
Exports.....	6.1	6.3	6.6	6.1	6.1	5.8	7.2	7.2
Imports.....	36.1	45.2	43.5	49.5	48.7	45.0	46.6	46.9
Government purchases of goods and services.....	1.4	1.4	1.3	1.2	1.4	1.4	1.6	1.4
Change in business inventories of new and used autos	4.7	.9	8.2	-13.6	3.6	19.3	4.9	-17.4
New.....	4.1	.7	6.9	-16.5	6.0	20.0	4.4	-18.4
Used.....	.6	.2	1.4	3.0	-2.4	-.7	.5	1.0
Addenda:								
Domestic output of new autos ¹	96.0	98.2	98.3	96.7	101.1	99.3	93.4	86.4
Sales of imported new autos ²	45.1	55.8	51.5	60.0	62.3	46.7	50.0	55.9

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]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^p
Auto output	105.6	106.4	106.7	103.1	109.6	102.3	97.0	93.3
Final sales	101.8	107.3	100.9	118.4	107.8	85.9	93.4	109.3
Personal consumption expenditures	108.8	119.1	111.8	132.7	122.6	101.7	106.2	120.6
New autos.....	79.8	89.3	82.4	103.4	90.6	72.0	76.3	88.5
Net purchases of used autos.....	29.0	29.8	29.3	29.4	32.0	29.7	29.9	32.1
Producers' durable equipment.....	19.2	18.5	18.4	19.5	17.3	13.0	15.2	16.8
New autos.....	40.4	40.3	40.9	42.9	39.1	34.9	38.0	42.4
Net purchases of used autos.....	-21.2	-21.8	-22.5	-23.4	-21.8	-21.8	-22.8	-25.6
Net exports of goods and services.....	-27.5	-31.6	-30.5	-34.9	-33.3	-30.0	-29.5	-29.4
Exports.....	5.4	5.4	5.7	5.2	5.1	4.9	5.9	5.9
Imports.....	32.9	37.1	36.1	40.1	38.4	34.9	35.4	35.3
Government purchases of goods and services.....	1.3	1.3	1.2	1.1	1.2	1.2	1.4	1.3
Change in business inventories of new and used autos	3.8	-.9	5.9	-15.4	1.8	16.3	3.6	-16.0
New.....	3.3	-1.1	4.6	-18.0	4.0	17.0	3.2	-16.8
Used.....	.5	.2	1.2	2.7	-2.1	-.7	.5	.8
Addenda:								
Domestic output of new autos ¹	87.7	85.3	86.3	81.7	86.3	85.8	79.7	72.4
Sales of imported new autos ²	41.4	49.1	45.7	52.5	53.7	40.1	42.7	47.3

1. Consists of final sales and change in business inventories of new autos assembled in the United States.

2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Personal income	3,327.0	3,534.3	3,526.6	3,553.6	3,593.6	3,662.0	3,708.6	3,759.7
Wage and salary disbursements	1,974.9	2,089.1	2,074.6	2,097.9	2,128.5	2,163.3	2,191.4	2,227.0
Commodity-producing industries.....	609.2	623.3	621.2	622.8	628.4	632.9	635.0	641.5
Manufacturing.....	460.9	470.5	468.7	470.0	474.5	477.2	479.0	484.9
Distributive industries.....	473.0	497.1	493.7	498.6	504.7	511.5	518.9	526.9
Service industries.....	520.4	573.9	568.1	573.8	591.6	606.7	619.3	634.4
Government and government enterprises.....	372.3	394.8	391.6	397.7	403.8	412.2	418.1	424.2
Other labor income	192.3	201.1	199.8	202.3	204.4	206.7	209.5	211.1
Proprietors' income with inventory valuation and capital consumption adjustments	257.3	289.8	298.1	292.5	297.8	320.9	323.1	322.1
Farm.....	29.7	37.2	48.1	36.3	36.6	51.3	47.3	39.1
Nonfarm.....	227.6	252.6	250.1	256.2	261.2	269.7	275.8	283.0
Rental income of persons with capital consumption adjustment	9.0	16.7	17.4	17.2	18.4	20.0	18.9	18.5
Personal dividend income	76.3	81.2	81.0	82.1	82.9	84.5	86.3	88.7
Personal interest income	476.5	497.6	500.0	498.1	496.8	499.8	506.3	517.6
Transfer payments	489.7	518.3	514.5	523.6	526.6	533.7	541.5	545.4
Old-age, survivors, disability, and health insurance benefits.....	253.4	269.2	266.4	272.4	273.5	278.0	282.3	284.4
Government unemployment insurance benefits.....	15.7	16.4	16.3	17.1	16.6	15.6	14.9	14.5
Veterans benefits.....	16.7	16.8	16.9	16.7	16.4	16.6	16.7	16.6
Government employees retirement benefits.....	67.4	71.0	70.6	71.5	72.4	73.9	76.0	77.0
Other transfer payments.....	136.5	145.0	144.3	146.0	147.7	149.6	151.5	152.9
Aid to families with dependent children.....	15.4	16.2	16.2	16.4	16.4	16.5	16.7	16.6
Other.....	121.1	128.7	128.0	129.6	131.3	133.1	134.7	136.3
Less: Personal contributions for social insurance	148.9	159.6	158.8	160.1	161.8	166.7	168.4	170.8
Less: Personal tax and nontax payments	485.9	512.2	504.2	515.3	532.0	536.1	578.0	566.2
Equals: Disposable personal income	2,841.1	3,022.1	3,022.4	3,038.2	3,061.6	3,125.9	3,130.6	3,193.5
Less: Personal outlays	2,714.1	2,891.5	2,856.4	2,929.4	2,952.6	2,987.5	3,037.4	3,098.9
Personal consumption expenditures.....	2,629.4	2,799.8	2,765.8	2,837.1	2,858.6	2,893.8	2,943.7	3,003.7
Interest paid by consumers to business.....	82.7	89.9	89.0	90.7	92.1	92.1	92.6	93.8
Personal transfer payments to foreigners (net).....	2.0	1.7	1.6	1.6	1.9	1.7	1.2	1.4
Equals: Personal saving	127.1	130.6	166.0	108.9	109.0	138.4	93.2	94.6
Addenda:								
Disposable personal income: Total, billions of 1982 dollars.....	2,542.2	2,645.1	2,660.2	2,653.2	2,656.7	2,674.6	2,645.5	2,676.1
Per capita:								
Current dollars.....	11,872	12,508	12,525	12,560	12,626	12,865	12,858	13,083
1982 dollars.....	10,622	10,947	11,024	10,968	10,956	11,008	10,865	10,963
Population (mid-period, millions).....	239.3	241.6	241.3	241.9	242.5	243.0	243.5	244.1
Personal saving as percentage of disposable personal income	4.5	4.3	5.5	3.6	3.6	4.4	3.0	3.0

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]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Personal consumption expenditures	2,629.4	2,799.8	2,765.8	2,837.1	2,858.6	2,893.8	2,943.7	3,003.7
Durable goods	368.7	402.4	386.4	427.6	419.8	396.1	409.0	432.6
Motor vehicles and parts.....	177.6	194.9	184.2	217.0	201.2	177.6	189.6	210.6
Furniture and household equipment.....	128.7	139.9	138.3	142.9	143.8	146.0	146.0	147.7
Other.....	62.4	67.6	64.0	67.8	74.8	72.5	73.5	74.3
Nondurable goods	913.1	939.4	934.3	940.0	946.3	969.9	982.1	988.1
Food.....	472.8	497.8	494.7	499.6	507.5	514.8	515.0	516.6
Clothing and shoes.....	157.2	167.5	167.2	169.8	169.6	174.0	175.8	178.9
Gasoline and oil.....	92.6	75.3	74.4	70.6	68.4	75.8	80.6	81.9
Other nondurable goods.....	190.5	198.8	198.0	200.0	200.8	205.3	210.7	210.6
Fuel oil and coal.....	17.5	16.0	16.0	15.5	15.1	15.4	16.1	15.4
Other.....	173.0	182.8	182.1	184.5	185.7	189.8	194.6	195.2
Services	1,347.5	1,458.0	1,445.1	1,469.5	1,492.4	1,527.7	1,552.6	1,583.0
Housing.....	402.4	436.9	433.4	440.9	449.0	456.3	464.1	472.7
Household operation.....	174.7	178.6	177.8	181.5	179.8	176.6	179.6	184.7
Electricity and gas.....	88.9	87.6	87.0	89.6	87.5	84.8	85.8	88.4
Other.....	85.8	91.0	90.8	91.9	92.3	91.8	93.8	96.3
Transportation.....	88.6	95.1	93.9	95.5	97.6	102.1	103.7	104.4
Medical care.....	291.5	319.8	315.8	323.1	330.1	338.5	346.8	354.3
Other.....	390.4	427.7	424.1	428.5	435.8	454.3	458.5	466.9

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

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Personal consumption expenditures	2,352.6	2,450.5	2,434.3	2,477.5	2,480.5	2,475.9	2,487.5	2,517.0
Durable goods	352.7	383.5	369.6	405.5	399.0	375.9	385.4	403.3
Motor vehicles and parts.....	163.6	175.7	167.0	194.3	179.1	158.1	166.4	182.7
Furniture and household equipment.....	130.2	144.7	142.5	148.3	150.7	151.5	152.5	153.8
Other.....	58.9	63.1	60.1	63.0	69.3	66.4	66.5	66.8
Nondurable goods	849.5	877.2	880.0	879.8	880.3	883.2	879.0	878.4
Food.....	436.5	444.9	447.3	442.2	444.0	447.5	441.6	439.9
Clothing and shoes.....	147.9	158.0	159.0	160.4	158.4	160.4	157.3	162.5
Gasoline and oil.....	96.5	100.3	99.6	101.5	102.5	99.8	102.1	100.2
Other nondurable goods.....	168.6	174.1	174.1	175.7	175.4	175.5	178.1	175.7
Fuel oil and coal.....	18.9	21.5	21.2	22.5	22.3	21.0	21.4	20.1
Other.....	149.7	152.6	152.9	153.2	153.1	154.5	156.6	155.6
Services	1,150.4	1,189.8	1,184.7	1,192.2	1,201.1	1,216.9	1,223.1	1,235.4
Housing.....	341.0	350.0	349.0	351.1	353.1	355.3	357.7	360.0
Household operation.....	151.0	151.3	150.1	152.9	152.8	150.0	151.4	154.7
Electricity and gas.....	77.4	76.8	75.7	78.4	78.2	75.8	76.1	78.0
Other.....	73.6	74.5	74.4	74.5	74.6	74.2	75.3	76.7
Transportation.....	81.0	84.4	83.7	85.2	85.5	86.9	87.5	87.4
Medical care.....	240.8	251.9	250.4	252.4	256.3	258.7	262.0	265.1
Other.....	336.6	352.3	351.5	350.7	353.6	366.0	364.5	368.2

Table 3.2.—Federal Government Receipts and Expenditures

(Billions of dollars)

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Receipts	788.6	827.4	816.9	832.4	852.5	879.3	922.9	.....
Personal tax and nontax receipts.....	346.6	363.0	357.6	365.2	376.4	381.5	415.6	404.7
Income taxes.....	339.5	355.2	349.6	357.0	368.5	373.6	406.8	395.6
Estate and gift taxes.....	6.5	7.1	7.4	7.5	7.0	7.2	8.0	7.9
Nontaxes.....	.7	.7	.6	.6	.9	.7	.9	1.2
Corporate profits tax accruals.....	76.1	81.3	81.3	84.3	90.5	103.0	107.9	.....
Federal Reserve banks.....	17.8	17.8	17.9	17.3	17.2	16.6	17.1	.....
Other.....	58.3	65.9	63.4	67.0	73.3	86.3	90.8	.....
Indirect business tax and nontax accruals.....	55.2	50.9	49.9	52.1	51.1	53.3	54.2	54.6
Excise taxes.....	34.7	31.2	30.9	31.2	31.3	32.1	32.4	32.6
Customs duties.....	12.2	13.7	13.4	14.2	14.0	15.2	15.7	15.8
Nontaxes.....	8.3	6.0	5.6	6.7	5.8	6.0	6.1	6.2
Contributions for social insurance.....	310.6	329.8	328.1	330.7	334.5	341.5	345.2	350.4
Expenditures	984.6	1,032.0	1,047.1	1,036.1	1,041.2	1,049.8	1,062.1	1,063.7
Purchases of goods and services.....	353.9	366.2	368.4	371.2	368.6	366.9	379.6	384.6
National defense.....	259.3	277.8	278.2	287.6	279.0	287.5	294.5	296.0
Nondefense.....	94.6	88.4	90.2	83.6	89.6	79.4	85.1	88.6
Transfer payments.....	380.1	399.9	398.3	405.9	405.7	406.7	412.0	416.8
To persons.....	366.7	385.9	383.1	390.1	391.0	396.0	401.5	403.4
To foreigners.....	13.4	14.0	15.1	15.8	14.7	10.7	10.5	13.4
Grants-in-aid to State and local governments.....	99.7	106.9	109.6	109.5	102.8	102.2	106.0	103.6
Net interest paid.....	130.2	135.7	135.9	134.2	137.8	139.5	139.8	142.8
Interest paid.....	152.0	187.8	158.2	157.5	157.4	158.2	158.1	160.7
To persons and business.....	130.7	135.2	136.0	134.8	134.4	135.1	133.6	135.3
To foreigners.....	21.3	22.6	22.2	22.8	22.9	23.1	24.5	25.4
Less: Interest received by government.....	21.8	22.1	22.3	23.3	19.6	18.7	18.3	17.9
Subsidies less current surplus of government enterprises.....	20.5	23.3	34.9	15.3	26.3	34.3	24.8	15.8
Subsidies.....	22.2	25.5	37.6	21.0	24.5	38.7	27.5	21.2
Less: Current surplus of government enterprises.....	1.7	2.2	2.8	5.8	-1.8	4.3	2.6	5.4
Less: Wage accruals less disbursements.....	-2	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	-196.0	-204.7	-230.2	-203.7	-188.7	-170.5	-139.2	.....
Social insurance funds.....	9.4	15.4	16.1	13.0	16.7	20.1	19.3	23.4
Other.....	-205.4	-220.0	-246.3	-216.7	-205.4	-190.6	-158.6	.....

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

(Billions of dollars)

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Government purchases of goods and services	818.6	869.7	867.2	878.5	886.3	896.2	917.1	933.5
Federal	353.9	366.2	368.4	371.2	368.6	366.9	379.6	384.6
National defense.....	259.3	277.8	278.2	287.6	279.0	287.5	294.5	296.0
Durable goods.....	75.9	83.9	84.2	89.7	85.9	88.0	89.2	89.2
Nondurable goods.....	11.9	11.1	11.5	10.6	9.9	9.7	10.5	10.9
Services.....	165.5	176.2	176.2	179.9	176.3	182.5	188.0	188.9
Compensation of employees.....	101.2	104.3	104.1	104.4	105.0	107.7	108.6	108.9
Military.....	67.7	70.4	70.3	70.5	71.0	72.7	73.0	73.4
Civilian.....	33.5	33.8	33.8	33.9	34.0	35.0	35.5	35.6
Other services.....	64.3	71.9	72.1	75.5	71.3	74.8	79.5	80.0
Structures.....	6.1	6.6	6.2	7.3	7.0	7.2	6.8	6.9
Nondefense.....	94.6	88.4	90.2	83.6	89.6	79.4	85.1	88.6
Durable goods.....	3.9	4.1	4.2	4.0	4.0	4.2	4.8	4.9
Nondurable goods.....	17.5	11.2	12.4	6.9	13.1	2.0	1.5	5.2
Commodity Credit Corporation inventory change.....	11.2	5.3	6.1	1.1	7.3	-3.6	-5.1	-1.2
Other nondurables.....	6.3	5.9	6.3	5.8	5.8	5.6	6.6	6.4
Services.....	66.2	66.3	66.8	66.3	66.1	66.3	70.8	70.4
Compensation of employees.....	39.3	39.6	39.6	39.6	39.8	41.0	41.6	41.7
Other services.....	26.8	26.7	27.2	26.6	26.3	25.2	29.1	28.8
Structures.....	7.0	6.7	6.8	6.5	6.5	7.0	8.0	8.1
State and local	464.7	503.5	498.8	507.3	517.7	529.3	537.6	548.9
Durable goods.....	21.9	24.6	24.2	24.9	25.7	26.3	27.0	27.7
Nondurable goods.....	40.1	39.1	38.3	38.2	39.5	41.6	43.1	44.8
Services.....	349.1	378.5	374.3	381.7	391.0	397.2	404.8	413.2
Compensation of employees.....	278.3	299.9	296.7	302.3	309.8	314.1	319.8	325.6
Other services.....	70.8	78.5	77.6	79.5	81.2	83.1	85.0	87.6
Structures.....	53.6	61.4	62.0	62.5	61.5	64.1	62.7	63.1

Table 3.3.—State and Local Government Receipts and Expenditures

(Billions of dollars)

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Receipts	579.6	618.8	611.5	626.2	629.1	632.1	651.3	.....
Personal tax and nontax receipts.....	139.3	149.3	146.6	150.1	155.6	154.6	162.3	161.5
Income taxes.....	71.9	76.3	74.3	76.5	80.5	77.9	84.1	81.7
Nontaxes.....	55.6	60.3	59.8	60.9	62.1	63.4	64.7	66.0
Other.....	11.7	12.6	12.5	12.7	13.0	13.3	13.6	13.8
Corporate profits tax accruals.....	20.6	21.3	20.7	21.8	23.4	25.0	26.4	.....
Indirect business tax and nontax accruals.....	277.9	296.8	290.8	300.6	300.7	305.0	311.0	318.2
Sales taxes.....	130.9	139.8	137.6	142.6	143.8	145.3	148.9	153.2
Property taxes.....	107.1	114.6	113.7	115.6	117.5	119.4	121.5	123.6
Other.....	40.0	42.4	39.5	42.4	39.4	40.3	40.6	41.3
Contributions for social insurance.....	42.1	44.5	43.8	44.2	46.5	45.2	45.7	46.3
Federal grants-in-aid.....	99.7	106.9	109.6	109.5	102.8	102.2	106.0	103.6
Expenditures	516.5	561.9	556.4	566.7	578.5	591.1	600.7	612.9
Purchases of goods and services.....	464.7	503.5	498.8	507.3	517.7	529.3	537.6	548.9
Compensation of employees.....	278.3	299.9	296.7	302.3	309.8	314.1	319.8	325.6
Other.....	186.4	203.6	202.1	205.1	207.9	215.1	217.8	223.3
Transfer payments to persons.....	101.5	110.1	109.1	111.2	113.0	114.9	116.9	118.7
Net interest paid.....	-30.4	-31.5	-31.5	-31.6	-31.9	-32.2	-32.1	-33.1
Interest paid.....	42.4	48.0	47.3	48.7	50.0	51.4	52.9	54.7
Less: Interest received by government.....	72.9	79.5	78.8	80.3	81.9	83.7	85.6	87.8
Less: Dividends received by government.....	5.0	5.6	5.5	5.6	5.7	5.9	6.2	6.5
Subsidies less current surplus of government enterprises.....	-14.2	-14.6	-14.5	-14.6	-14.7	-15.0	-14.9	-15.0
Subsidies.....	.7	.8	.8	.8	.9	.9	.9	1.0
Less: Current surplus of government enterprises.....	14.9	15.4	15.3	15.4	15.5	15.9	15.8	16.0
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Surplus or deficit (-), national income and product accounts	63.1	56.8	55.1	59.6	50.6	41.0	50.6	.....
Social insurance funds.....	47.1	49.4	48.8	49.1	51.3	50.2	51.0	52.1
Other.....	16.0	7.4	6.4	10.5	-7	-9.1	-4	.....

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

(Billions of 1982 dollars)

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Government purchases of goods and services	726.9	754.5	751.6	757.2	771.8	759.6	766.7	775.5
Federal	324.2	332.5	330.6	332.6	344.6	327.3	332.6	338.3
National defense.....	236.7	250.7	250.1	259.8	252.7	257.4	263.5	264.9
Durable goods.....	71.3	77.9	77.4	82.8	80.3	83.7	86.4	87.8
Nondurable goods.....	13.3	15.1	15.1	15.9	15.3	14.0	14.5	14.5
Services.....	146.6	152.0	152.3	154.9	151.3	153.6	157.0	156.9
Compensation of employees.....	88.3	88.8	88.6	88.7	89.2	89.0	89.0	89.1
Military.....	59.4	59.9	59.8	59.9	60.3	60.3	60.1	60.2
Civilian.....	29.0	28.9	28.9	28.9	28.9	28.8	28.9	28.9
Other services.....	58.3	63.2	63.7	66.1	62.1	64.6	68.0	67.8
Structures.....	5.6	5.6	5.3	6.2	5.9	6.1	5.7	5.7
Nondefense.....	87.5	81.8	80.4	72.8	91.9	69.9	69.1	73.4
Durable goods.....	4.3	4.6	4.7	4.5	4.5	4.8	5.3	5.4
Nondurable goods.....	18.4	13.6	11.5	5.0	24.6	3.1	-2.5	2.1
Commodity Credit Corporation inventory change.....	12.2	7.8	5.5	-7	18.8	-2.5	-9.1	-4.3
Other nondurables.....	6.2	5.8	6.0	5.6	5.8	5.6	6.6	6.3
Services.....	58.3	57.5	58.0	57.4	57.0	55.8	59.3	58.7
Compensation of employees.....	34.0	33.8	33.8	33.8	33.8	33.7	33.8	33.8
Other services.....	24.3	23.7	24.2	23.6	23.1	22.1	25.4	24.9
Structures.....	6.5	6.1	6.2	5.9	5.9	6.3	7.1	7.2
State and local	402.7	422.1	421.0	424.6	427.1	432.3	434.1	437.3
Durable goods.....	20.6	22.7	22.5	23.0	23.5	24.0	24.6	25.1
Nondurable goods.....	40.5	43.3	42.9	43.6	44.4	45.1	45.8	46.6
Services.....	293.3	301.7	300.7	302.8	304.8	306.5	308.4	310.0
Compensation of employees.....	232.9	237.1	236.6	23				

Table 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
National defense purchases	259.3	277.8	278.2	287.6	279.0	287.5	294.5	296.0
Durable goods	75.9	83.9	84.2	89.7	85.9	88.0	89.2	89.2
Military equipment.....	63.9	71.6	71.7	77.1	73.4	76.4	77.0	76.9
Aircraft.....	25.7	32.4	31.6	34.3	36.0	33.1	31.6	32.5
Missiles.....	9.9	12.1	12.2	13.8	12.1	12.6	14.5	13.8
Ships.....	8.5	8.7	9.1	9.2	8.4	8.5	9.3	8.8
Vehicles.....	4.8	4.8	4.9	4.7	5.1	5.0	4.7	4.3
Electronic equipment.....	4.9	5.1	5.1	5.2	5.4	5.6	5.7	6.0
Other.....	10.1	8.4	8.7	10.0	6.5	11.5	11.2	11.5
Other durable goods.....	11.9	12.4	12.6	12.6	12.4	11.6	12.1	12.3
Nondurable goods	11.9	11.1	11.5	10.6	9.9	9.7	10.5	10.9
Petroleum products.....	6.5	4.3	4.1	3.5	3.3	3.4	3.8	4.2
Ammunition.....	3.0	4.3	4.8	4.6	4.1	3.9	4.1	4.1
Other nondurable goods.....	2.4	2.5	2.6	2.5	2.5	2.4	2.6	2.6
Services	165.5	176.2	176.2	179.9	176.3	182.5	188.0	188.9
Compensation of employees.....	101.2	104.3	104.1	104.4	105.0	107.7	108.6	108.9
Military.....	67.7	70.4	70.3	70.5	71.0	72.7	73.0	73.4
Civilian.....	33.5	33.8	33.8	33.9	34.0	35.0	35.5	35.6
Other services.....	64.3	71.9	72.1	75.5	71.3	74.8	79.5	80.0
Contractual research and development.....	26.3	29.3	29.6	30.7	29.6	29.3	30.0	29.3
Installation support ¹	16.8	18.6	18.4	19.8	18.3	20.3	21.8	22.1
Weapons support ²	7.6	7.7	7.8	7.7	7.8	8.7	9.4	9.7
Personnel support ³	6.7	9.5	9.2	11.0	8.9	9.2	10.3	10.9
Transportation of materiel.....	3.4	3.3	3.2	3.3	3.5	3.7	4.0	4.1
Travel of persons.....	3.2	3.3	3.5	3.1	3.2	3.4	3.7	3.8
Other.....	.2	.2	.4	-.3	.1	.3	.2	.1
Structures.....	6.1	6.6	6.2	7.3	7.0	7.2	6.8	6.9
Military facilities.....	3.5	4.2	3.8	4.9	4.3	4.4	4.5	4.6
Other.....	2.6	2.5	2.5	2.4	2.6	2.8	2.3	2.3

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

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

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Receipts from foreigners	369.9	376.2	371.3	376.6	383.3	397.3	416.5	433.4
Exports of goods and services	369.9	376.2	371.3	376.6	383.3	397.3	416.5	433.4
Merchandise.....	220.8	224.9	221.4	225.7	231.7	235.6	247.4	265.4
Durable goods.....	134.5	139.7	139.4	139.8	144.0	146.6	150.9	160.6
Nondurable goods.....	86.3	85.1	82.0	85.9	87.6	89.0	96.5	104.8
Services.....	149.1	151.3	149.8	150.8	151.6	161.7	169.0	167.9
Factor income ¹	89.0	86.1	86.5	84.4	82.3	87.9	92.6	93.9
Other.....	60.2	65.2	63.3	66.4	69.3	73.8	76.4	74.0
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners	369.9	376.2	371.3	376.6	383.3	397.3	416.5	433.4
Imports of goods and services	449.2	481.7	472.1	487.1	500.2	509.5	534.8	555.1
Merchandise.....	341.0	367.5	357.9	375.4	382.8	386.1	401.8	420.9
Durable goods.....	203.0	237.7	234.8	246.0	249.8	249.1	256.8	261.7
Nondurable goods.....	138.0	129.8	123.1	129.5	132.9	137.0	145.0	159.2
Services.....	108.2	114.2	114.3	111.7	117.5	123.4	133.0	134.2
Factor income ¹	49.2	52.3	54.4	48.9	54.8	57.2	64.8	66.1
Other.....	58.9	61.8	59.9	62.8	62.7	66.2	68.2	68.1
Transfer payments (net)	15.4	15.7	16.7	17.4	16.6	12.4	11.6	14.8
From persons (net).....	2.0	1.7	1.6	1.6	1.9	1.7	1.2	1.4
From government (net).....	13.4	14.0	15.1	15.8	14.7	10.7	10.5	13.4
Interest paid by government to foreigners	21.3	22.6	22.2	22.8	22.9	23.1	24.5	25.4
Net foreign investment	-115.9	-143.9	-139.8	-150.7	-156.5	-147.7	-154.5	-162.0

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

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

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
National defense purchases	236.7	250.7	250.1	259.8	252.7	257.4	263.5	264.9
Durable goods	71.3	77.9	77.4	82.8	80.3	83.7	86.4	87.8
Military equipment.....	58.4	63.8	63.2	68.5	66.2	69.4	71.3	72.3
Aircraft.....	21.8	26.8	25.0	28.5	30.9	28.4	28.1	30.1
Missiles.....	9.2	11.3	11.7	12.4	11.5	11.4	13.7	13.2
Ships.....	7.5	7.6	7.9	8.0	7.3	7.4	8.1	7.7
Vehicles.....	5.4	5.2	5.3	5.0	5.3	5.3	5.1	4.6
Electronic equipment.....	4.6	4.8	4.8	4.9	5.1	5.3	5.3	5.5
Other.....	9.8	8.2	8.6	9.6	6.1	11.6	10.9	11.2
Other durable goods.....	12.9	14.0	14.2	14.4	14.1	14.3	15.0	15.5
Nondurable goods	13.3	15.1	15.1	15.9	15.3	14.0	14.5	14.5
Petroleum products.....	8.2	8.5	7.9	8.9	8.9	8.0	8.1	8.1
Ammunition.....	2.9	4.3	4.7	4.6	4.0	3.8	4.0	4.0
Other nondurable goods.....	2.3	2.3	2.4	2.4	2.3	2.2	2.4	2.4
Services	146.6	152.0	152.3	154.9	151.3	153.6	157.0	156.9
Compensation of employees.....	88.3	88.8	88.6	88.7	89.2	89.0	89.0	89.1
Military.....	59.4	59.9	59.8	59.9	60.3	60.3	60.1	60.2
Civilian.....	29.0	28.9	28.9	28.9	28.9	28.9	28.9	28.9
Other services.....	58.3	63.2	63.7	66.1	62.1	64.6	68.0	67.8
Contractual research and development.....	23.6	25.8	26.2	27.1	26.0	25.6	26.2	25.4
Installation support ¹	14.6	15.6	15.4	16.6	15.3	16.7	17.8	17.7
Weapons support ²	6.7	6.8	6.9	6.8	6.8	7.7	8.3	8.5
Personnel support ³	6.0	7.7	7.5	8.9	7.0	7.1	8.0	8.4
Transportation of materiel.....	3.9	3.8	3.7	3.8	3.8	4.0	4.0	4.2
Travel of persons.....	3.2	3.3	3.5	3.1	3.1	3.2	3.6	3.6
Other.....	.2	.2	.4	-.2	.1	.2	.2	.1
Structures.....	5.6	5.6	5.3	6.2	5.9	6.1	5.7	5.7
Military facilities.....	3.2	3.4	3.1	4.1	3.6	3.6	3.6	3.7
Other.....	2.3	2.2	2.2	2.1	2.3	2.4	2.0	2.0

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

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

[Billions of 1982 dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Exports of goods and services	365.3	377.4	370.2	379.6	388.3	397.8	414.5	430.6
Merchandise.....	231.1	244.6	238.1	248.1	256.7	258.7	270.5	288.2
Durable goods.....	142.2	153.1	151.3	154.2	159.8	161.7	166.9	176.2
Nondurable goods.....	88.9	91.5	86.8	93.9	96.9	96.9	103.6	112.0
Services.....	134.3	132.8	132.1	131.5	131.7	139.2	144.0	142.4
Factor income ¹	79.2	74.5	75.2	72.6	70.7	74.7	77.9	78.5
Other.....	55.0	58.2	56.9	58.9	61.0	64.5	66.1	63.8
Imports of goods and services	473.6	523.2	517.0	541.2	540.1	533.0	547.2	568.5
Merchandise.....	370.2	420.2	413.4	441.1	435.7	425.2	432.8	453.7
Durable goods.....	219.2	248.1	246.6	254.6	255.7	253.5	258.3	262.2
Nondurable goods.....	150.9	172.1	166.8	186.6	179.9	171.7	174.5	191.5
Services.....	103.4	103.0	103.6	100.1	104.5	107.8	114.4	114.7
Factor income ¹	43.3	44.8	46.8	41.5	46.5	48.1	54.0	54.8
Other.....	60.1	58.2	56.8	58.6	58.0	59.7	60.4	60.0

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

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

	[Billions of dollars]							
	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
		II	III	IV	I	II	III ^P	
Merchandise exports	220.8	224.9	221.4	225.7	231.7	235.6	247.4	265.4
Foods, feeds, and beverages.....	24.0	22.6	21.2	22.4	22.7	21.5	23.4	28.8
Industrial supplies and materials.....	58.7	58.1	56.3	58.6	60.5	62.1	66.2	69.0
Durable goods.....	16.1	16.6	15.9	16.5	17.5	17.9	18.3	19.0
Nondurable goods.....	42.6	41.6	40.4	42.1	43.0	44.1	47.9	50.0
Capital goods, except autos.....	76.4	79.8	78.5	81.8	82.3	82.1	84.5	93.0
Autos.....	25.0	25.4	27.9	23.5	24.9	25.9	26.2	26.2
Consumer goods.....	13.0	14.5	14.0	15.0	15.6	16.4	17.6	18.3
Durable goods.....	5.1	5.7	5.3	5.8	6.5	6.8	7.3	7.6
Nondurable goods.....	7.9	8.8	8.7	9.1	9.1	9.6	10.4	11.2
Other.....	23.7	24.4	23.6	24.4	25.7	27.6	29.5	29.6
Durable goods ¹	11.9	12.2	11.8	12.2	12.9	13.8	14.8	14.8
Nondurable goods ¹	11.8	12.2	11.8	12.2	12.9	13.8	14.8	14.8
Merchandise imports	341.0	367.5	357.9	375.4	382.8	386.1	401.8	420.9
Foods, feeds, and beverages.....	21.3	24.0	23.4	24.5	24.4	23.9	24.4	24.4
Industrial supplies and materials, excluding petroleum.....	59.2	61.4	60.1	61.1	64.1	63.6	62.3	63.8
Durable goods.....	29.3	32.1	32.2	31.5	33.5	32.7	31.8	32.6
Nondurable goods.....	29.9	29.3	28.0	29.6	30.6	30.9	30.5	31.2
Petroleum and products.....	50.4	33.8	30.5	31.6	32.0	34.8	40.0	54.0
Capital goods, except autos.....	64.0	75.4	74.7	78.0	79.3	79.2	85.1	88.8
Autos.....	65.0	78.1	76.3	82.9	82.0	82.4	84.3	84.8
Consumer goods.....	65.1	77.8	75.9	80.7	82.9	82.9	87.5	87.2
Durable goods.....	36.7	43.6	43.1	45.3	46.1	45.2	46.5	46.5
Nondurable goods.....	28.4	34.2	32.8	35.4	36.9	37.7	41.1	40.7
Other.....	16.0	17.0	16.8	16.7	18.0	19.2	18.3	17.9
Durable goods ¹	8.0	8.5	8.4	8.3	9.0	9.6	9.1	8.9
Nondurable goods ¹	8.0	8.5	8.4	8.3	9.0	9.6	9.1	8.9
Addenda:								
Exports of agricultural products ²	29.6	27.0	25.3	26.6	28.1	26.2	28.7	32.9
Exports of nonagricultural products.....	191.2	197.9	196.2	199.2	203.6	209.4	218.8	232.5
Imports of nonpetroleum products.....	290.6	333.7	327.4	343.8	350.7	351.3	361.9	366.9

1. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
2. Includes parts of line 2 and line 5.

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

	[Billions of 1982 dollars]							
	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
		II	III	IV	I	II	III ^P	
Merchandise exports	231.1	244.6	238.1	248.1	256.7	258.7	270.5	288.2
Foods, feeds, and beverages.....	25.1	25.7	23.1	26.4	27.5	26.3	28.8	35.6
Industrial supplies and materials.....	61.3	63.5	61.2	64.9	67.4	67.6	70.1	71.5
Durable goods.....	16.8	18.1	17.3	18.3	19.5	19.5	19.4	19.7
Nondurable goods.....	44.5	45.4	43.9	46.6	47.9	48.1	50.8	51.3
Capital goods, except autos.....	85.4	94.2	91.9	96.7	98.5	98.5	102.6	111.4
Autos.....	22.8	22.6	24.9	20.8	22.0	22.9	22.9	22.8
Consumer goods.....	13.0	14.0	13.5	14.4	15.0	15.6	16.7	17.7
Durable goods.....	5.4	5.9	5.5	6.0	6.7	6.9	7.4	7.7
Nondurable goods.....	7.6	8.1	8.0	8.4	8.3	8.7	9.3	10.0
Other.....	23.4	24.6	23.5	24.8	26.2	27.8	29.4	29.3
Durable goods ¹	11.7	12.3	11.8	12.4	13.1	13.9	14.7	14.7
Nondurable goods ¹	11.7	12.3	11.8	12.4	13.1	13.9	14.7	14.7
Merchandise imports	370.2	420.2	413.4	441.1	435.7	425.2	432.8	453.7
Foods, feeds, and beverages.....	21.8	22.9	21.9	23.8	23.0	23.2	24.2	23.5
Industrial supplies and materials, excluding petroleum.....	67.7	72.8	71.9	72.9	75.1	74.9	71.0	69.8
Durable goods.....	33.5	38.0	38.5	37.6	38.9	38.6	36.4	35.9
Nondurable goods.....	34.2	34.8	33.4	35.3	36.2	36.3	34.6	34.0
Petroleum and products.....	59.6	74.3	72.4	86.7	78.5	69.5	72.1	91.4
Capital goods, except autos.....	78.3	93.3	92.0	96.1	97.6	96.8	103.8	109.4
Autos.....	60.8	66.3	65.6	69.5	67.3	67.2	67.6	67.3
Consumer goods.....	65.4	74.1	73.1	75.9	77.1	75.3	77.2	76.0
Durable goods.....	38.3	42.2	42.3	43.2	43.3	41.7	42.0	41.5
Nondurable goods.....	27.1	31.8	30.8	32.7	33.7	33.6	35.2	34.5
Other.....	16.6	16.7	16.6	16.2	17.2	18.2	16.9	16.2
Durable goods ¹	8.3	8.3	8.3	8.1	8.6	9.1	8.5	8.1
Nondurable goods ¹	8.3	8.3	8.3	8.1	8.6	9.1	8.5	8.1
Addenda:								
Exports of agricultural products ²	30.4	30.3	27.0	30.8	33.7	31.2	34.1	39.8
Exports of nonagricultural products.....	200.7	214.4	211.1	217.3	222.9	227.4	236.4	248.5
Imports of nonpetroleum products.....	310.6	345.9	341.0	354.5	357.2	355.7	360.7	362.3

1. Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
2. Includes parts of line 2 and line 5.

Table 5.1.—Gross Saving and Investment

	[Billions of dollars]							
	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
		II	III	IV	I	II	III ^P	
Gross saving	531.3	532.0	538.7	516.2	515.3	554.3	551.3	.....
Gross private saving	664.2	679.8	713.7	660.4	653.4	683.8	639.9	.....
Personal saving.....	127.1	130.6	166.0	108.9	109.0	138.4	93.2	94.6
Undistributed corporate profits with inventory valuation and capital consumption adjustments.....	99.6	92.6	93.6	92.6	78.5	75.6	70.1	.....
Undistributed profits.....	46.8	40.0	35.7	42.5	45.4	38.7	42.1	.....
Inventory valuation adjustment.....	-7	6.5	11.3	6.0	-8.9	-11.3	-20.0	-13.5
Capital consumption adjustment.....	53.5	46.0	46.7	44.0	42.1	48.2	48.0	48.6
Corporate capital consumption allowances with capital consumption adjustment.....	269.1	282.8	280.9	284.3	289.3	291.8	294.5	296.9
Noncorporate capital consumption allowances with capital consumption adjustment.....	168.5	173.8	173.2	174.6	176.6	178.0	182.1	183.6
Wage accruals less disbursements.....	0	0	0	0	0	0	0	.2
Government surplus or deficit (-), national income and product accounts	-132.9	-147.8	-175.0	-144.1	-138.1	-129.5	-88.6	.....
Federal.....	-196.0	-204.7	-230.2	-203.7	-188.7	-170.5	-139.2	.....
State and local.....	63.1	56.8	55.1	59.6	50.6	41.0	50.6	.....
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Gross investment	525.7	527.1	539.6	510.1	503.7	552.1	548.1	534.6
Gross private domestic investment	641.6	671.0	679.4	660.8	660.2	699.9	702.6	696.5
Net foreign investment.....	-115.9	-143.9	-139.8	-150.7	-156.5	-147.7	-154.5	-162.0
Statistical discrepancy	-5.6	-4.9	.9	-6.1	-11.6	-2.2	-3.1	.....

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

	[Billions of dollars]							
	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
		II	III	IV	I	II	III ^P	
National income without capital consumption adjustment	3,198.3	3,394.5	3,386.8	3,413.0	3,446.2	3,515.0	3,560.4	.....
Domestic industries	3,158.5	3,360.7	3,354.6	3,377.5	3,418.6	3,484.2	3,532.6	.....
Private industries	2,689.9	2,864.7	2,862.6	2,878.6	2,910.7	2,967.0	3,007.2	.....
Agriculture, forestry, and fisheries.....	76.6	82.9	94.0	81.9	81.9	96.4	92.7	.....
Mining.....	44.2	40.2	39.9	38.7	37.1	37.3	39.0	.....
Construction.....	167.6	181.8	181.2	184.3	186.2	188.4	190.5	.....
Manufacturing.....	672.0	684.4	685.3	682.7	695.5	697.3	710.5	.....
Durable goods.....	402.7	410.7	413.0	409.4	412.7	419.8	419.0	.....
Nondurable goods.....	269.3	273.7	272.3	273.3	282.8	277.5	291.5	.....
Transportation and public utilities.....	256.4	269.5	268.1	272.5	271.7	269.6	274.7	.....
Transportation.....	109.2	113.8	111.4	116.0	117.3	117.4	119.1	.....
Communication.....	67.8	70.9	70.1	70.0	71.1	70.8	72.2	.....
Electric, gas, and sanitary services.....	79.4	84.7	86.6	86.5	83.3	81.3	83.4	.....
Wholesale trade.....	202.5	210.1	206.2	213.3	213.0	219.0	213.2	.....
Retail trade.....	282.8	301.3	298.1	304.0	303.3	308.9	311.2	.....
Finance, insurance, and real estate.....	411.1	465.6	465.7	463.3	477.4	492.8	504.3	.....
Services.....	576.7	629.0	624.1	632.8	644.7	657.3	671.1	.....
Government and government enterprises	468.6	496.1	492.0	498.8	508.0	517.3	525.4	.....
Rest of the world	39.8	33.7	32.2	35.5	27.5	30.7	27.8	27.8

Table 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Change in business inventories	10.0	15.7	27.5	3.5	-6.4	51.6	40.3	15.5
Farm.....	-3.6	-1.1	3.0	4.5	-11.6	2.9	13.0	7.7
Nonfarm.....	13.6	16.8	24.5	-9	5.1	48.7	27.3	7.7
Change in book value	14.3	10.0	14.2	-8.0	13.5	61.5	49.7	23.4
Inventory valuation adjustment ¹	-8	6.8	10.3	7.1	-8.4	-12.8	-22.4	-15.7
Manufacturing.....	-7.8	-4.6	-3.2	-6.2	-4.7	5.9	-3.7	8.2
Durable goods.....	-5.4	-5.2	-4.5	-4.4	-7.6	1.4	-1.6	5.0
Nondurable goods.....	-2.4	.6	1.3	-1.8	2.9	4.5	-2.2	3.2
Wholesale trade.....	2.8	4.0	5.7	8.7	-5.2	7.4	8.1	-4.4
Durable goods.....	0	1.7	4.0	4.9	-5.8	6.1	6.2	-3.2
Nondurable goods.....	2.9	2.3	1.7	3.8	.6	1.3	1.9	-1.2
Merchant wholesalers.....	4.5	4.0	6.3	7.7	-5.0	5.2	11.2	-5.0
Durable goods.....	.5	2.0	5.1	4.5	-6.1	5.0	7.1	-3.8
Nondurable goods.....	4.1	2.0	1.2	3.2	1.1	.2	4.1	-1.2
Nonmerchant wholesalers.....	-1.7	0	-6	1.0	-2	2.2	-3.0	.6
Durable goods.....	-5	-3	-1.1	.4	.2	1.1	-9	.6
Nondurable goods.....	-1.2	.3	.5	.6	-5	1.1	-2.1	0
Retail trade.....	11.2	6.9	4.0	-9.4	7.4	28.3	16.9	-2.9
Durable goods.....	8.9	3.7	4.0	-14.1	2.6	21.4	10.7	-8.9
Nondurable goods.....	2.3	3.2	0	4.7	4.8	6.9	6.2	6.0
Other.....	7.4	10.5	17.9	6.0	7.7	7.2	6.0	6.8
Durable goods.....	3.9	4.6	6.5	1.5	6.3	6.3	6.7	5.5
Nondurable goods.....	3.5	5.9	11.4	4.5	1.4	.9	-7	1.4

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. Prior to 1973, the two IVA's are the same because information required for separate estimates is not available.

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

[Billions of dollars]

	Seasonally adjusted quarterly totals					
	1986			1987		
	II	III	IV	I	II	III ^P
Inventories¹	861.9	863.3	863.4	884.6	906.9	915.5
Farm.....	70.6	71.2	66.7	69.4	76.3	78.4
Nonfarm.....	791.3	792.1	796.7	815.2	830.5	837.1
Durable goods.....	469.8	469.5	469.6	480.0	487.9	491.0
Nondurable goods.....	321.5	322.6	327.1	335.2	342.6	346.1
Manufacturing.....	325.0	323.9	324.3	327.7	329.3	333.4
Durable goods.....	219.1	218.5	217.1	217.6	217.7	220.7
Nondurable goods.....	105.9	105.3	107.1	110.1	111.6	112.7
Wholesale trade.....	179.6	181.6	181.5	185.2	189.8	189.8
Durable goods.....	116.9	118.9	117.8	120.0	122.3	122.2
Nondurable goods.....	62.7	62.7	63.8	65.3	67.5	67.6
Merchant wholesalers.....	156.0	157.7	157.6	160.1	165.1	164.5
Durable goods.....	103.2	105.0	103.8	105.8	108.3	107.9
Nondurable goods.....	52.8	52.7	53.7	54.3	56.8	56.6
Nonmerchant wholesalers.....	23.6	23.8	23.9	25.1	24.7	25.3
Durable goods.....	13.7	13.9	13.9	14.2	14.0	14.4
Nondurable goods.....	9.9	10.0	10.0	10.9	10.7	10.9
Retail trade.....	187.6	187.1	189.5	197.8	204.3	204.2
Durable goods.....	96.7	94.4	95.3	101.4	105.1	103.4
Nondurable goods.....	91.0	92.8	94.2	96.3	99.2	100.8
Other.....	99.1	99.5	101.4	104.5	107.2	109.7
Final sales²	296.7	302.3	304.8	306.1	312.1	318.9
Final sales of goods and structures ²	173.8	177.1	177.9	176.2	179.4	183.9
Ratio of inventories to final sales						
Inventories to final sales.....	2.91	2.86	2.83	2.89	2.91	2.87
Nonfarm inventories to final sales.....	2.67	2.62	2.61	2.66	2.66	2.63
Nonfarm inventories to final sales of goods and structures.....	4.55	4.47	4.48	4.63	4.63	4.55

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]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Change in business inventories	7.4	13.8	28.1	6.1	-14.4	47.6	39.0	18.1
Farm.....	-4.6	-1.6	4.2	6.0	-16.6	3.7	16.3	8.9
Nonfarm.....	12.0	15.4	23.9	.1	2.3	43.9	22.7	9.2
Manufacturing.....	-7.8	-5.2	-2.9	-8.1	-4.9	5.3	-4.4	8.7
Durable goods.....	-5.4	-5.2	-4.6	-4.5	-7.1	1.1	-1.7	4.8
Nondurable goods.....	-2.5	0	1.8	-3.6	2.1	4.2	-2.7	3.9
Wholesale trade.....	2.5	3.7	4.4	10.3	-5.9	6.6	5.6	-4.1
Durable goods.....	-1	1.7	3.8	4.5	-5.3	5.7	5.6	-2.8
Nondurable goods.....	2.6	2.1	.6	5.8	-.6	.9	0	-1.4
Merchant wholesalers.....	4.5	3.7	4.4	8.7	-4.7	3.6	9.6	-4.4
Durable goods.....	.4	1.9	4.8	4.1	-5.5	4.6	6.4	-3.5
Nondurable goods.....	4.0	1.8	-.4	4.6	.8	-1.0	3.1	-.9
Nonmerchant wholesalers.....	-2.0	0	0	1.6	-1.3	3.0	-4.0	.3
Durable goods.....	-.5	-.3	-1.1	.4	.2	1.1	-.8	.7
Nondurable goods.....	-1.5	.3	1.0	1.2	-1.5	1.9	-3.2	-.4
Retail trade.....	10.4	6.6	3.8	-8.2	6.7	25.2	15.5	-2.3
Durable goods.....	8.2	3.6	3.8	-12.5	2.2	18.8	9.8	-7.6
Nondurable goods.....	2.1	3.0	0	4.4	4.5	6.4	5.7	5.3
Other.....	7.0	10.2	18.6	6.0	6.4	6.8	6.0	6.9
Durable goods.....	3.6	4.2	6.1	1.4	5.8	5.8	6.2	5.0
Nondurable goods.....	3.3	6.0	12.5	4.6	.5	1.0	-.2	2.0

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

[Billions of 1982 dollars]

	Seasonally adjusted quarterly totals					
	1986			1987		
	II	III	IV	I	II	III ^P
Inventories¹	847.6	849.3	845.8	857.7	867.4	871.9
Farm.....	75.9	77.4	73.2	74.1	78.2	80.4
Nonfarm.....	771.8	771.9	772.5	783.5	789.2	791.5
Durable goods.....	442.5	439.7	438.7	446.5	451.5	451.3
Nondurable goods.....	329.3	332.2	333.9	337.0	337.7	340.2
Manufacturing.....	320.2	318.2	317.0	318.3	317.2	319.4
Durable goods.....	208.2	207.0	205.3	205.5	205.1	206.3
Nondurable goods.....	112.1	111.2	111.7	112.8	112.1	113.1
Wholesale trade.....	176.3	179.0	177.6	179.2	180.6	179.6
Durable goods.....	109.8	111.0	109.6	111.1	112.5	111.8
Nondurable goods.....	66.5	68.0	68.0	68.2	68.2	67.8
Merchant wholesalers.....	150.5	152.7	151.5	152.4	154.8	153.7
Durable goods.....	96.9	98.0	96.6	97.7	99.3	98.5
Nondurable goods.....	53.6	54.7	54.9	54.7	55.5	55.2
Nonmerchant wholesalers.....	25.8	26.3	26.1	26.8	25.8	25.9
Durable goods.....	12.9	13.0	13.1	13.3	13.1	13.3
Nondurable goods.....	12.9	13.3	13.0	13.5	12.7	12.6
Retail trade.....	175.1	173.1	174.8	181.1	185.0	184.4
Durable goods.....	89.8	86.7	87.3	92.0	94.4	92.5
Nondurable goods.....	85.3	86.4	87.5	89.1	90.6	91.9
Other.....	100.1	101.6	103.2	104.9	106.4	108.1
Final sales²	263.6	266.2	269.4	267.3	270.0	274.5
Final sales of goods and structures ²	162.7	164.4	167.0	163.4	164.9	168.7
Ratio of inventories to final sales						
Inventories to final sales.....	3.22	3.19	3.14	3.21	3.21	3.18
Nonfarm inventories to final sales.....	2.93	2.90	2.87	2.93	2.92	2.88
Nonfarm inventories to final sales of goods and structures.....	4.74	4.69	4.62	4.80	4.79	4.69

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 6.18B.—Corporate Profits by Industry

[Billions of dollars]

	1985	1986	Seasonally adjusted at annual rates					
			1986			1987		
			II	III	IV	I	II	III ^P
Corporate profits with inventory valuation and capital consumption adjustments.....	277.6	284.4	282.3	286.4	281.1	294.0	296.8	
Domestic industries.....	247.1	253.2	253.6	254.3	251.4	261.3	263.8	
Financial.....	19.4	27.5	28.6	26.6	26.8	28.0	27.9	
Nonfinancial.....	227.7	225.8	225.0	227.7	224.6	233.4	235.9	
Rest of the world.....	30.5	31.2	28.7	32.1	29.7	32.6	33.0	
Corporate profits with inventory valuation adjustment.....	224.1	238.4	235.6	242.4	239.0	245.7	248.8	
Domestic industries.....	193.6	207.2	207.0	210.2	209.3	213.1	215.8	
Financial.....	18.4	26.1	26.9	25.2	26.1	27.6	27.8	
Federal Reserve banks.....	16.8	16.0	16.1	15.6	15.5	15.7	16.1	
Other.....	1.6	10.1	10.8	9.6	10.6	11.9	11.7	
Nonfinancial.....	175.2	181.1	180.0	185.1	183.2	185.5	188.0	
Manufacturing.....	72.2	69.4	72.5	68.0	75.4	75.4	85.5	
Durable goods.....	29.2	31.1	34.4	31.0	31.3	38.7	37.4	
Primary metal industries.....	-2.5	-1.8	-1.5	-2.5	-4	.8	-7	
Fabricated metal products.....	4.0	4.1	4.4	4.4	3.6	3.9	3.8	
Machinery, except electrical.....	4.2	3.9	5.5	3.7	3.1	4.9	5.0	
Electric and electronic equipment.....	4.5	4.3	7.0	3.7	1.6	2.9	5.6	
Motor vehicles and equipment.....	6.5	5.9	5.9	5.3	6.4	7.1	7.4	
Other.....	12.6	14.7	13.1	16.4	17.0	19.1	16.3	
Nondurable goods.....	43.0	38.4	38.1	37.0	44.1	36.7	48.2	
Food and kindred products.....	7.0	8.7	8.4	8.9	9.1	7.7	8.4	
Chemicals and allied products.....	4.2	6.7	5.8	7.4	8.4	7.9	7.8	
Petroleum and coal products.....	13.7	5.4	7.3	2.7	5.9	2.3	12.7	
Other.....	18.0	17.6	16.6	18.0	20.8	18.8	19.2	
Transportation and public utilities.....	37.5	42.4	42.3	46.0	41.9	37.4	39.0	
Wholesale and retail trade.....	51.4	52.1	48.2	54.6	49.7	56.2	45.2	
Other.....	14.1	17.2	17.0	16.5	16.3	16.6	18.3	
Rest of the world.....	30.5	31.2	28.7	32.1	29.7	32.6	33.0	

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	112.1	115.1	114.7	115.5	116.1	117.4	118.6	119.4
Final sales.....	112.0	115.0	114.6	115.3	116.0	117.3	118.5	119.3
Change in business inventories.....								
Goods.....	107.4	108.3	107.9	108.4	108.5	109.7	110.8	111.1
Final sales.....	107.3	108.1	107.8	108.2	108.3	109.6	110.6	110.9
Change in business inventories.....								
Durable goods.....	105.6	105.7	105.6	105.9	106.0	106.7	106.7	106.9
Final sales.....	105.6	105.7	105.6	105.8	105.9	106.6	106.6	106.9
Change in business inventories.....								
Nondurable goods.....	108.6	109.9	109.5	110.0	110.1	111.8	113.5	113.9
Final sales.....	108.5	109.8	109.3	109.8	109.9	111.6	113.3	113.7
Change in business inventories.....								
Services.....	117.4	122.5	121.9	123.1	124.3	125.8	127.1	128.4
Structures.....	104.9	106.5	106.4	106.5	107.0	107.9	109.1	109.4

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	112.1	115.1	114.7	115.5	116.1	117.4	118.6	119.4
Personal consumption expenditures.....	112.3	115.2	114.5	115.5	116.4	118.0	119.5	120.5
Durable goods.....	105.0	106.2	105.8	106.7	107.1	107.9	108.6	109.8
Nondurable goods.....	107.8	107.7	106.7	107.5	108.2	110.4	112.4	113.0
Services.....	117.5	123.1	122.6	123.8	124.9	126.2	127.6	128.8
Gross private domestic investment.....	103.2	104.9	104.8	105.1	105.7	106.4	107.1	107.2
Fixed investment.....	101.8	103.2	103.1	103.3	103.9	104.3	104.7	104.8
Nonresidential.....	100.3	100.7	100.8	100.5	100.8	101.6	102.6	102.8
Structures.....	103.1	104.7	104.6	105.1	105.8	106.0	106.0	106.1
Producers' durable equipment.....	108.2	110.9	110.7	111.1	112.0	113.5	115.3	115.8
Residential.....								
Change in business inventories.....								
Net exports of goods and services.....	103.7	103.6	103.8	103.5	104.5	105.6	106.5	106.9
Exports.....	95.7	92.6	91.4	91.6	93.5	96.3	98.9	100.9
Imports.....								
Government purchases of goods and services.....	113.7	116.5	116.0	116.5	117.6	119.3	120.6	121.7
Federal.....	110.8	111.3	111.4	111.0	111.1	113.2	114.3	114.5
National defense.....	111.1	112.1	112.0	111.9	112.1	114.2	115.3	115.4
Nondefense.....	110.0	109.3	109.9	108.7	108.7	110.5	111.7	112.3
State and local.....	115.8	120.3	119.4	120.5	122.4	123.8	125.2	127.0
Addenda:								
Final sales.....	112.0	115.0	114.6	115.3	116.0	117.3	118.5	119.3
Personal consumption expenditures, food.....	108.6	112.2	111.0	113.2	114.5	115.3	116.9	117.6
Personal consumption expenditures, energy.....	103.3	90.8	91.0	87.5	85.0	90.3	91.9	93.7
Other personal consumption expenditures.....	114.5	119.1	118.4	119.6	120.8	122.2	123.6	124.6

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

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]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product.....	112.1	115.1	114.7	115.5	116.1	117.4	118.6	119.4
Less: Exports of goods and services.....	103.7	103.6	103.8	103.5	103.5	104.5	105.6	106.5
Plus: Imports of goods and services.....	95.7	92.6	91.4	91.6	93.5	96.3	98.9	100.9
Equals: Gross domestic purchases¹.....	111.3	114.1	113.5	114.3	115.2	116.7	118.0	118.9
Less: Change in business inventories.....								
Equals: Final sales to domestic purchasers².....	111.3	113.9	113.4	114.2	115.0	116.5	117.9	118.8

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

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

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

Table 7.4.—Implicit Price Deflators for Gross National Product

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Personal consumption expenditures	111.8	114.3	113.6	114.5	115.2	116.9	118.3	119.3
Durable goods.....	104.5	104.9	104.6	105.4	105.2	105.4	106.1	107.3
Nondurable goods.....	107.5	107.1	106.2	106.8	107.5	109.8	111.7	112.5
Services.....	117.1	122.5	122.0	123.3	124.3	125.5	126.9	128.1
Gross private domestic investment								
Fixed investment.....	100.5	102.3	102.2	102.9	103.3	103.9	104.4	103.4
Nonresidential.....	97.5	98.5	98.4	99.0	99.2	99.3	99.2	98.1
Structures.....	102.1	105.5	105.9	106.8	106.7	106.9	107.8	106.8
Producers' durable equipment.....	95.2	95.5	95.3	96.0	96.3	96.3	96.0	94.8
Residential.....	108.2	111.1	111.0	111.3	112.2	113.7	115.7	116.1
Change in business inventories.....								
Net exports of goods and services								
Exports.....	101.3	99.7	100.3	99.2	98.7	99.9	100.5	100.6
Imports.....	94.8	92.1	91.3	90.0	92.6	95.6	97.7	97.6
Government purchases of goods and services	112.6	115.3	115.4	116.0	114.8	118.0	119.6	120.4
Federal.....	109.2	110.2	111.4	111.6	107.0	112.1	114.1	113.7
National defense.....	109.5	110.8	111.2	110.7	110.4	111.7	111.8	111.7
Nondefense.....	108.1	108.1	112.2	115.0	97.5	113.6	123.1	120.7
State and local.....	115.4	119.3	118.5	119.5	121.2	122.4	123.8	125.5

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

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

[Index numbers, 1982=100]

Gross national product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Final sales.....	111.1	114.1	113.8	114.8	114.7	116.1	117.3	117.9
Change in business inventories.....								
Goods	105.8	106.2	106.0	106.9	106.0	106.9	107.6	107.8
Final sales.....	105.6	106.1	106.1	107.1	105.5	106.9	107.8	108.1
Change in business inventories.....								
Durable goods.....	102.4	101.4	101.6	101.5	100.8	101.1	100.5	99.9
Final sales.....	102.3	101.3	101.4	101.6	100.9	100.6	100.2	100.0
Change in business inventories.....								
Nondurable goods.....	108.5	110.1	109.5	111.4	110.3	111.8	113.8	114.9
Final sales.....	108.3	110.1	109.9	111.8	109.3	112.0	114.2	115.4
Change in business inventories.....								
Services.....	117.3	122.3	121.7	122.9	124.0	125.4	126.7	128.0
Structures.....	106.3	109.7	109.8	110.4	110.8	111.7	113.1	113.0

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

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

[Index numbers, 1982=100]

Gross national product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Gross domestic product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Business	110.2	112.7	112.4	113.5	113.4	114.5	115.5	116.0
Nonfarm.....	110.6	113.4	113.0	114.0	114.1	115.1	115.9	116.5
Nonfarm less housing.....	109.8	112.1	111.8	112.8	112.7	113.7	114.4	115.0
Housing.....	118.8	126.1	125.5	126.9	128.5	129.7	131.0	132.5
Farm.....	95.1	90.2	91.8	92.4	87.8	90.2	91.1	97.1
Statistical discrepancy.....	110.2	112.7	112.4	113.5	113.4	114.5	115.5	116.0
Households and institutions.....	117.4	120.8	120.2	121.2	122.1	123.3	124.8	125.8
Private households.....	102.4	103.6	103.4	103.7	104.1	104.4	104.4	104.7
Nonprofit institutions.....	118.5	122.2	121.5	122.6	123.6	124.8	126.3	127.5
Government	117.9	123.4	122.6	123.9	125.7	127.9	129.5	130.9
Federal.....	114.8	117.4	117.4	117.6	117.7	121.3	122.3	122.5
State and local.....	119.5	126.5	125.4	127.2	129.8	131.3	133.2	135.2
Rest of the world	112.3	115.5	115.1	116.3	116.5	117.8	118.9	119.6
Addendum:								
Gross domestic business product less housing.....	109.4	111.6						

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

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Gross national product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Less: Capital consumption allowances with capital consumption adjustment.....	102.7	103.3	103.3	103.3	103.7	103.6	104.4	104.4
Equals: Net national product	112.3	115.5	115.1	116.3	116.4	117.7	118.9	119.6
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	116.0	115.0	109.8	117.4	113.8	114.4	118.3	122.5
Statistical discrepancy.....	110.2	112.7	112.4	113.5	113.4	114.5	115.5	
Equals: National income	111.9	115.6	115.6	116.2	116.7	118.1	118.9	

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

[Index numbers, 1982=100]

Gross national product	111.2	114.1	113.7	114.7	114.9	116.1	117.1	117.8
Less: Net exports of goods and services.....	101.3	99.7	100.3	99.2	98.7	99.9	100.5	100.6
Exports.....	94.8	92.1	91.3	90.0	92.6	95.6	97.7	97.6
Imports.....								
Equals: Gross domestic purchases	110.1	112.5	112.0	112.8	113.4	114.9	116.2	116.7
Plus: Command-basis net exports of goods and services.....								
Command-basis exports.....	94.9	92.1	91.3	90.0	92.6	95.6	97.7	97.6
Imports.....	94.8	92.1	91.3	90.0	92.6	95.6	97.7	97.6
Equals: Command-basis gross national product	110.4	113.1	112.6	113.6	114.1	115.5	116.8	117.4

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

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

[Index numbers, 1982=100]

Personal consumption expenditures	112.3	115.2	114.5	115.5	116.4	118.0	119.5	120.5
Durable goods	105.0	106.2	105.8	106.7	107.1	107.9	108.6	109.8
Motor vehicles and parts.....	108.0	110.0	109.5	110.6	111.5	112.2	113.6	114.8
Furniture and household equipment.....	101.0	101.1	100.2	100.8	100.5	102.2	101.8	103.0
Other.....	106.3	108.0	108.0	109.1	109.7	109.9	111.2	112.2
Nondurable goods	107.8	107.7	106.7	107.5	108.2	110.4	112.4	113.0
Food.....	108.6	112.2	111.0	113.2	114.5	115.3	116.9	117.6
Clothing and shoes.....	106.3	106.0	105.2	105.9	107.1	108.6	111.8	110.1
Gasoline and oil.....	96.0	75.3	74.7	69.6	66.7	75.9	79.0	81.8
Other nondurable goods.....	113.7	115.7	115.1	115.6	116.3	118.8	120.0	121.4
Fuel oil and coal.....	92.8	75.0	75.4	68.7	67.8	75.9	75.0	76.8
Other.....	116.6	121.3	120.6	122.0	124.7	126.2	127.5	
Services	117.5	123.1	122.6	123.8	124.9	126.2	127.6	128.8
Housing.....	117.8	124.5	123.9	125.2	126.8	128.0	129.3	130.9
Household operation.....	115.9	118.2	118.6	118.9	117.9	117.6	118.3	119.2
Electricity and gas.....	114.9	113.9	114.8	114.1	111.8	111.5	112.2	112.7
Other.....	116.8	122.7	122.5	123.8	124.1	124.0	124.7	125.8
Transportation.....	109.4	113.5	112.8	113.0	115.2	119.2	120.1	120.9
Medical care.....	121.7	128.1	127.2	129.1	130.4	132.2	134.1	135.6
Other.....	116.8	122.6	121.9	123.2	124.3	125.8	127.1	128.2

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

[Index numbers, 1982=100]

Exports of goods and services	103.7	103.6	103.8	103.5	103.5	104.5	105.6	106.5
Merchandise.....	98.6	96.3	97.0	95.5	95.2	96.2	97.3	98.1
Durable goods.....	99.9	99.3	99.3	99.2	99.4	100.3	101.3	102.1
Nondurable goods.....	96.9	92.4	94.0	90.7	89.6	90.6	92.0	92.9
Services.....	111.2	114.2	113.7	115.0	115.5	116.6	117.7	118.5
Factor income.....	112.7	115.9	115.5	116.7	116.9	118.1	119.3	120.4
Other.....	108.4	111.3	110.5	112.0	113.0	113.8	114.9	115.1
Imports of goods and services	95.7	92.6	91.4	91.6	93.5	96.3	98.9	100.9
Merchandise.....	92.4	86.2	84.8	84.4	86.8	89.8	92.7	95.1
Durable goods.....	94.6	100.3	99.3	101.4	103.2	104.5	106.7	108.4
Nondurable goods.....	90.2	71.9	70.2	67.3	70.2	74.9	78.5	81.7
Services.....	105.0	111.4	110.6	112.4	113.0	115.2	117.0	117.8
Factor income.....	112.3	115.5	115.1	116.3	116.5	117.7	118.9	120.0
Other.....	99.4	108.2	107.2	109.3	110.4	113.2	115.5	116.1

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Merchandise exports	98.6	96.3	97.0	95.5	95.2	96.2	97.3	98.1
Foods, feeds, and beverages.....	95.6	87.8	91.8	84.8	82.4	81.7	81.4	80.9
Industrial supplies and materials.....	95.7	91.6	91.9	90.3	89.7	91.8	94.4	96.5
Durable goods.....	95.7	91.6	91.9	90.3	89.7	91.8	94.4	96.5
Nondurable goods.....	95.7	91.6	91.9	90.3	89.7	91.8	94.4	96.5
Capital goods, except autos.....	99.0	98.2	98.0	98.2	98.6	99.5	100.1	100.7
Autos.....	109.5	112.4	112.1	112.8	113.4	113.3	114.1	115.0
Consumer goods.....	99.9	103.0	103.0	103.3	104.0	105.3	105.8	106.4
Durable goods.....	94.2	96.7	96.6	96.8	97.3	98.3	98.5	98.7
Nondurable goods.....	104.3	108.0	108.1	108.4	109.3	110.8	111.6	112.5
Other.....	101.2	99.4	100.4	98.5	98.1	99.3	100.4	101.0
Durable goods.....	101.2	99.4	100.4	98.5	98.1	99.3	100.4	101.0
Nondurable goods.....	101.2	99.4	100.4	98.5	98.1	99.3	100.4	101.0
Merchandise imports	92.4	86.2	84.8	84.4	86.8	89.8	92.7	95.1
Foods, feeds, and beverages.....	97.8	104.9	106.9	103.0	106.2	102.9	110.0	103.8
Industrial supplies and materials, excluding petroleum.....	87.4	84.4	83.7	84.0	84.9	85.3	88.3	92.0
Durable goods.....	87.4	84.5	83.8	84.1	85.0	85.4	88.5	92.2
Nondurable goods.....	87.4	84.3	83.7	83.9	84.7	85.1	88.1	91.8
Petroleum and products.....	84.6	45.5	42.1	36.5	40.8	50.1	55.5	59.0
Capital goods, except autos.....	87.0	92.5	91.6	93.8	95.6	97.8	99.4	100.3
Autos.....	106.9	117.8	116.4	119.2	121.9	122.6	124.7	126.0
Consumer goods.....	99.6	105.0	103.8	106.3	107.5	110.0	113.1	114.5
Durable goods.....	95.9	103.2	102.0	104.9	106.3	108.3	110.7	112.0
Nondurable goods.....	104.8	107.5	106.4	108.2	109.3	112.5	116.6	118.0
Other.....	96.7	102.0	101.2	102.9	104.6	105.6	108.2	110.2
Durable goods.....	96.7	102.0	101.2	102.9	104.6	105.6	108.2	110.2
Nondurable goods.....	96.7	102.0	101.2	102.9	104.6	105.6	108.2	110.2

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
National defense purchases	111.1	112.1	112.0	111.9	112.1	114.2	115.3	115.4
Durable goods	112.3	112.4	112.4	113.1	112.7	113.9	113.8	112.3
Military equipment.....	114.4	114.4	114.5	115.5	114.6	116.0	115.8	113.7
Aircraft.....	127.9	123.6	124.3	123.5	122.3	121.1	120.2	118.0
Missiles.....	109.1	114.2	114.3	116.8	116.3	129.5	130.1	121.1
Ships.....	114.3	117.2	117.6	117.2	117.3	117.6	117.8	118.0
Vehicles.....	77.0	87.3	83.0	93.0	94.6	94.5	93.2	92.5
Electronic equipment.....	106.8	107.2	107.1	107.1	107.6	107.7	107.9	108.5
Other.....	103.1	102.6	102.7	105.1	101.6	101.9	102.4	103.1
Other durable goods.....	103.1	103.1	102.9	102.5	104.2	104.2	104.9	106.0
Nondurable goods	88.3	70.8	70.8	63.0	63.0	65.3	70.5	72.0
Petroleum products.....	79.7	54.0	53.7	42.4	42.2	45.6	52.7	54.6
Ammunition.....	106.5	104.8	106.6	104.8	105.2	104.6	106.1	107.0
Other nondurable goods.....	106.0	107.1	106.5	107.6	107.9	108.6	109.6	110.1
Services	113.1	116.3	116.1	116.6	116.9	119.5	120.6	121.2
Compensation of employees.....	114.6	117.4	117.4	117.7	117.7	121.0	122.0	122.3
Military.....	114.1	117.6	117.6	117.8	117.8	120.7	121.5	121.8
Civilian.....	115.6	117.1	117.0	117.3	117.6	121.7	123.0	123.1
Other services.....	110.3	114.0	113.5	114.4	115.3	116.4	117.8	119.0
Contractual research and development.....	111.5	113.4	113.0	113.5	114.0	114.2	114.7	115.8
Installation support ¹	115.7	120.0	119.6	120.6	121.0	121.9	122.9	125.1
Weapons support ²	112.7	113.8	113.8	113.7	113.7	113.6	113.8	114.4
Personnel support ³	110.3	129.8	127.6	133.3	135.3	141.4	149.1	149.4
Transportation of materiel.....	87.2	87.3	86.4	86.5	90.9	93.0	96.4	97.0
Travel of persons.....	102.0	102.3	102.0	101.9	103.8	105.2	105.1	105.8
Other.....	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
Structures	109.0	117.2	117.5	117.6	118.0	118.9	119.7	120.4
Military facilities.....	109.0	120.4	120.9	120.5	121.1	122.3	123.1	123.1
Other.....	108.9	112.4	112.5	113.4	113.3	113.8	114.7	116.4

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

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

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

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

[Index numbers, 1982=100]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Government purchases of goods and services	113.7	116.5	116.0	116.5	117.6	119.3	120.6	121.7
Federal	110.8	111.3	111.4	111.0	111.1	113.2	114.3	114.5
National defense.....	111.1	112.1	112.0	111.9	112.1	114.2	115.3	115.4
Durable goods.....	112.3	112.4	112.4	113.1	112.7	113.9	113.8	112.3
Nondurable goods.....	88.3	70.8	70.8	63.0	63.0	65.3	70.5	72.0
Services.....	113.1	116.3	116.1	116.6	116.9	119.5	120.6	121.2
Compensation of employees.....	114.6	117.4	117.4	117.7	117.7	121.0	122.0	122.3
Military.....	114.1	117.6	117.6	117.8	117.8	120.7	121.5	121.8
Civilian.....	115.6	117.1	117.0	117.3	117.6	121.7	123.0	123.1
Other services.....	110.3	114.0	113.5	114.4	115.3	116.4	117.8	119.0
Structures.....	109.0	117.2	117.5	117.6	118.0	118.9	119.7	120.4
Nonddefense.....	110.0	109.3	109.9	108.7	108.7	110.5	111.7	112.3
Durable goods.....	98.9	98.9	98.8	99.0	99.1	99.7	99.8	99.5
Nondurable goods.....	100.4	94.7	96.3	96.8	94.0	96.6	96.9	97.1
Inventory change.....	113.7	116.6	115.5	115.8	116.2	118.9	119.9	120.4
Other nondurables.....	115.6	117.3	117.2	117.4	117.7	121.9	123.1	123.2
Services.....	110.8	118.1	112.8	113.2	114.0	114.3	115.0	116.1
Compensation of employees.....	110.8	118.1	112.8	113.2	114.0	114.3	115.0	116.1
Other services.....	107.4	109.4	109.2	109.7	109.8	110.2	110.6	111.3
Structures.....	107.4	109.4	109.2	109.7	109.8	110.2	110.6	111.3
State and local	115.8	120.3	119.4	120.5	122.4	123.8	125.2	127.0
Durable goods.....	106.4	108.6	108.1	108.5	109.7	109.9	110.3	110.6
Nondurable goods.....	99.2	90.5	89.5	88.1	89.4	92.7	94.4	96.6
Services.....	119.8	126.5	125.6	126.3	128.6	129.9	131.6	133.7
Compensation of employees.....	120.3	127.3	126.3	127.2	129.8	131.3	133.1	135.2
Other services.....	117.7	122.8	122.2	122.1	122.9	123.9	124.7	126.7
Structures.....	110.9	113.2	113.1	113.3	112.9	113.0	113.5	113.8

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

[Dollars]

	1985	1986	Seasonally adjusted					
			1986			1987		
			II	III	IV	I	II	III ^P
Current-dollar cost and profit per unit of constant-dollar gross domestic product¹	1.073	1.089	1.086	1.095	1.093	1.103	1.111	.....
Capital consumption allowances with capital consumption adjustment.....	.119	.121	.121	.122	.123	.123	.124	.....
Net domestic product.....	.954	.968	.965	.973	.971	.980	.987	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.103	.104	.101	.106	.104	.105	.107	.....
Domestic income.....	.852	.864	.864	.867	.867	.875	.880	.....
Compensation of employees.....	.702	.715	.714	.717	.720	.724	.728	.....
Corporate profits with inventory valuation and capital consumption adjustments.....	.107	.103	.104	.104	.102	.106	.106	.....
Profits tax liability.....	.033	.036	.034	.037	.040	.045	.047	.....
Profits after tax with inventory valuation and capital consumption adjustments.....	.074	.068	.069	.068	.062	.061	.059	.....
Net interest.....	.043	.045	.046	.046	.045	.045	.046	.....

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

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

[Percent]

	1985	1986	Seasonally adjusted at annual rates						1985	1986	Seasonally adjusted at annual rates														
			1986			1987					1986			1987											
			II	III	IV	I	II	III ^P			II	III	IV	I	II	III ^P									
Gross national product:													Government purchases of goods and services:												
Current dollars.....	6.3	5.6	3.6	5.3	2.1	8.6	6.3	6.2	11.2	6.2	9.9	5.3	3.6	4.5	9.7	7.3	Current dollars.....	7.3	3.8	7.8	3.0	7.9	-6.2	3.8	4.7
1982 dollars.....	3.0	2.9	6	1.4	1.5	4.4	2.5	3.8	7.3	3.8	7.8	3.0	7.9	-4.1	11.6	5.5	1982 dollars.....	2.2	2.1	2.1	2.1	-4.1	11.6	5.5	2.7
Implicit price deflator.....	3.2	2.6	2.9	3.6	.7	4.2	3.5	2.4	4.2	2.3	1.3	1.4	3.0	5.0	3.0	3.6	Implicit price deflator.....	2.9	5	2	-1.7	-1.0	5.8	.6	.5
Chain price index.....	3.5	2.4	1.9	2.6	2.0	4.2	3.7	2.5	4.1	2.5	1.1	1.7	3.8	5.8	4.6	3.8	Chain price index.....	2.6	.5	-9	-1.4	.3	7.7	4.0	.8
Fixed-weighted price index.....	3.6	2.7	2.2	2.6	2.3	4.5	4.1	2.7	4.1	2.5	1.1	1.7	3.8	5.8	4.6	3.8	Fixed-weighted price index.....	14.0	3.5	13.8	3.1	-2.8	-1.8	14.6	5.4
Personal consumption expenditures:													Federal:												
Current dollars.....	8.2	6.5	4.1	10.7	3.1	5.0	7.1	8.4	14.0	3.5	13.8	3.1	-2.8	-1.8	14.6	5.4	Current dollars.....	11.5	2.6	11.0	2.4	15.2	-18.6	6.6	7.0
1982 dollars.....	4.6	4.2	4.1	7.3	.5	-7	1.9	4.8	11.5	2.6	11.0	2.4	15.2	-18.6	6.6	7.0	1982 dollars.....	2.2	.9	2.6	7	-15.5	20.5	7.3	-1.4
Implicit price deflator.....	3.4	2.2	0	3.2	2.5	6.0	4.9	3.4	2.2	.9	2.6	7	-15.5	20.5	7.3	-1.4	Implicit price deflator.....	2.9	5	2	-1.7	-1.0	5.8	.6	.5
Chain price index.....	3.6	2.5	.3	3.6	3.0	5.5	5.2	3.5	2.9	5	2	-1.7	-1.0	5.8	.6	.5	Chain price index.....	2.6	.5	-9	-1.4	.3	7.7	4.0	.8
Fixed-weighted price index.....	3.7	2.6	.3	3.6	3.0	5.7	5.2	3.5	2.6	.5	-9	-1.4	.3	7.7	4.0	.8	Fixed-weighted price index.....	10.7	7.1	18.6	14.2	-11.4	12.8	10.1	2.1
Durable goods:													National defense:												
Current dollars.....	9.9	9.1	11.7	50.0	-7.1	-20.7	13.7	25.2	10.7	7.1	18.6	14.2	-11.4	12.8	10.1	2.1	Current dollars.....	8.3	5.9	17.9	16.4	-10.5	7.6	9.8	2.1
1982 dollars.....	9.2	8.7	11.3	44.9	-6.3	-21.2	10.5	19.9	8.3	5.9	17.9	16.4	-10.5	7.6	9.8	2.1	1982 dollars.....	2.1	1.2	4	-1.8	-1.1	4.8	.4	-4
Implicit price deflator.....	.7	.4	.4	3.1	-.8	.8	2.7	4.6	2.1	1.2	4	-1.8	-1.1	4.8	.4	-4	Implicit price deflator.....	2.6	1.0	0	-1.7	-1.4	6.1	0	.4
Chain price index.....	.9	1.0	.9	2.6	1.6	2.9	2.2	3.9	2.6	1.0	0	-1.7	-1.4	6.1	0	.4	Chain price index.....	3.3	.9	-1.3	-2	.5	7.9	3.9	.4
Fixed-weighted price index.....	.9	1.2	1.2	3.4	1.6	3.2	2.6	4.4	3.3	.9	-1.3	-2	.5	7.9	3.9	.4	Fixed-weighted price index.....	24.1	-6.6	4	-26.2	31.9	-38.3	32.0	17.5
Non-durable goods:													Nondefense:												
Current dollars.....	5.3	2.9	-1.1	2.5	2.7	10.4	5.1	2.5	21.0	-6.5	-7.6	-32.8	153.9	-66.5	-4.5	27.3	Current dollars.....	2.5	0	9.0	10.4	-48.3	84.3	37.9	-7.6
1982 dollars.....	2.9	3.3	5.3	-.1	2	1.3	-1.9	-.3	2.5	0	9.0	10.4	-48.3	84.3	37.9	-7.6	1982 dollars.....	3.6	-9	1.0	-2.0	.7	5.1	2.4	.9
Implicit price deflator.....	2.4	-4	-5.8	2.3	2.6	8.8	7.1	2.9	3.6	-9	1.0	-2.0	.7	5.1	2.4	.9	Implicit price deflator.....	.9	-6	.1	-4.3	-2	7.1	4.4	2.0
Chain price index.....	2.5	-1	-5.8	3.2	2.6	8.2	7.8	2.4	2.5	0	9.0	10.4	-48.3	84.3	37.9	-7.6	Chain price index.....	5.1	4.7	4.4	4.0	3.6	4.5	4.7	5.8
Fixed-weighted price index.....	2.5	-1	-5.9	3.0	2.6	8.3	7.6	2.4	5.1	4.7	4.4	4.0	3.6	4.5	4.7	5.8	Fixed-weighted price index.....	5.2	3.8	2.5	4.0	6.3	4.5	4.9	5.9
Services:													State and local:												
Current dollars.....	9.8	8.2	5.7	6.9	6.4	9.8	6.7	8.1	9.3	8.3	7.2	7.0	8.5	9.3	6.4	8.7	Current dollars.....	4.1	4.8	5.4	3.5	2.4	5.0	1.7	3.0
1982 dollars.....	4.6	3.4	1.2	2.6	3.0	5.4	2.1	4.1	4.1	4.8	5.4	3.5	2.4	5.0	1.7	3.0	1982 dollars.....	5.0	3.4	1.7	3.4	5.8	4.0	4.7	5.6
Implicit price deflator.....	4.9	4.6	4.4	4.3	3.3	3.9	4.5	3.8	5.1	3.6	2.1	3.7	6.0	4.5	4.7	5.8	Implicit price deflator.....	5.1	3.6	2.1	3.7	6.0	4.5	4.7	5.8
Chain price index.....	5.1	4.7	4.4	4.2	3.6	4.6	4.4	4.1	5.1	3.6	2.1	3.7	6.0	4.5	4.7	5.8	Chain price index.....	5.2	3.8	2.5	4.0	6.3	4.5	4.9	5.9
Fixed-weighted price index.....	5.1	4.7	4.4	4.0	3.6	4.5	4.2	4.1	5.2	3.8	2.5	4.0	6.3	4.5	4.9	5.9	Fixed-weighted price index.....	3.6	3.9	3.2	3.0	.4	2.5	2.1	4.3
Gross private domestic investment:													Addenda:												
Current dollars.....	-3.5	4.6	-2.3	-10.5	-.4	26.3	1.6	-3.4	Gross domestic purchases:																
1982 dollars.....	-3.4	2.8	-5.1	-11.8	-8.4	28.5	1.1	1.7	1982 dollars.....																
Implicit price deflator.....									Chain price index.....																
Chain price index.....									Fixed-weighted price index.....																
Fixed-weighted price index.....									1982 dollars.....																
Fixed investment:													Chain price index.....												
Current dollars.....	5.8	3.7	4.3	3.4	5.8	-10.6	9.0	11.8	Fixed-weighted price index.....																
1982 dollars.....	5.5	1.8	-.9	.8	4.2	-12.5	6.9	15.8	1982 dollars.....																
Implicit price deflator.....	3	1.8	5.3	2.8	1.6	2.3	1.9	-3.8	Implicit price deflator.....																
Chain price index.....	1.3	1.5	3.2	1.5	2.9	2.7	2.7	.4	Chain price index.....																
Fixed-weighted price index.....	1.7	1.6	2.7	1.0	2.4	2.6	2.6	.7	Fixed-weighted price index.....																
Nonresidential:													Final sales:												
Current dollars.....	6.4	-1.3	-6.1	-3	5.8	-14.5	11.6	17.8	1982 dollars.....																
1982 dollars.....	6.8	-2.3	-10.3	-3.0	5.1	-14.6	11.7	23.7	1982 dollars.....																
Implicit price deflator.....	4	1.0	5.0	2.5	.8	.4	-.4	-4.4	Chain price index.....																
Chain price index.....	.9	1.1	3.1	1.7	2.6	1.4	.4	0	Chain price index.....																
Fixed-weighted price index.....	1.6	1.4	2.6	.9	2.1	1.8	1.4	.5	Fixed-weighted price index.....																
Structures:													Final sales to domestic purchasers:												
Current dollars.....	8.1	-9.9	-31.9	-13.4	5.6	-12.1	3.1	12.2	1982 dollars.....																
1982 dollars.....	3.9	-12.8	-39.2	-16.6	6.3	-12.8	0	15.8	1982 dollars.....																
Implicit price deflator.....	4.0	3.3	12.2	3.4	-.4	.8	3.4	-3.7	Chain price index.....																
Chain price index.....	2.4	.8	2.2	-.2	2.1	3.7	4.2	1.0	Chain price index.....																
Fixed-weighted price index.....	2.3	.4	1.4	-1.1	1.3	3.3	3.8	.7	Fixed-weighted price index.....																
Producers' durable equipment:													Command-basis gross national product:												
Current dollars.....	5.5	3.2	9.8	6.2	5.8	-15.4	15.5	20.3	1982 dollars.....																
1982 dollars.....	8.3	2.9	6.4	3.1	4.7	-15.3	16.5	26.6	1982 dollars.....																
Implicit price deflator.....	-2.6	.3	3.4	3.0	1.3	0	-1.2	-4.9	Implicit price deflator.....																
Chain price index.....	2	1.2	3.6	2.6	2.8	.4	-1.2	-.5	Implicit price deflator.....																
Fixed-weighted price index.....	1.2	2.0	3.3	2.2	2.6	.9	0	.3	Chain price index.....																
Residential:													Gross domestic product:												
Current dollars.....	4.4	15.5	29.6	10.9	5.7	-2.6	4.1	1.1	1982 dollars.....																
1982 dollars.....	2.2	12.5	24.8	9.7	2.2	-7.7	-2.8	-.2	1982 dollars.....																
Implicit price deflator.....	2.1	2.7	3.7	1.1	3.3	5.5	7.2	1.4	Implicit price deflator.....																
Chain price index.....	2.1	2.6	3.4	1.1	3.5	5.4	7.2	1.3	Chain price index.....																
Fixed-weighted price index.....	2.1	2.5	3.1	1.3	3.5	5.3	6.7	1.6	Fixed-weighted price index.....																
Exports of goods and services:													Business:												
Current dollars.....	-3.5	1.7	-2.3	5.8	7.3	15.4	20.8	17.2	1982 dollars.....																
1982 dollars.....	-1.7	3.3	-1.4	10.6	9.5	10.2	17.9	16.5	1982 dollars.....																
Implicit price deflator.....	-1.8	-1.6	-1.2	-4.3	-2.0	5.0	2.4	.4	Implicit price deflator.....																
Chain price index.....	-.9	-.5	-.6	-1.0	-.2	3.8	4.0	3.0	Chain price index.....																
Fixed-weighted price index.....	-.5	-.1	-.4	-1.2	0	4.0	4.4	3.1	Fixed-weighted price index.....																
Imports of goods and services:													Nonfarm:												
Current dollars.....	1.5	7.2	4.2	13.3	11.2	7.6	21.4	16.1	1982 dollars.....																
1982 dollars.....	3.9	10.5	19.6	20.1	-.8	-5.2	11.1	16.5	1982 dollars.....																
Implicit price deflator.....	-2.4	-2.8	-12.9	-5.6	12.1	13.6	9.1	-.4	Implicit price deflator.....																
Chain price index.....	-2.1	-.9	-8.2	2.0	8.5	10.8	10.0	7.4	Chain price index.....																
Fixed-weighted price index.....	-1.9	-3.1	-14.7	.6	8.7	12.5	11.3	8.3	Fixed-weighted price index.....																
													Disposable personal income:												
													Current dollars.....												
													1982 dollars.....												

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

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

Errata: U.S. Direct Investment Abroad

In the August 1987 SURVEY OF CURRENT BUSINESS, table 24 of the article "U.S. Direct Investment Abroad: Detail for Position and Balance of Payments Flows, 1986" omitted the negative signs (–) denoting inflows. The table below shows the correct estimates for intercompany debt outflows for U.S. direct investment abroad in 1985.

Table 24.—U.S. Direct Investment Abroad: Intercompany Debt Outflows, 1985

(Millions of dollars; inflows (–))

	All industries	Petroleum	Manufacturing								Wholesale trade	Banking	Finance (except banking), insurance, and real estate	Services	Other industries
			Total	Food and kindred products	Chemicals and allied products	Primary and fabricated metals	Machinery, except electrical	Electric and electronic equipment	Transportation equipment	Other manufacturing					
All countries	1,077	-1,406	-1,394	105	-420	-136	-116	-252	-623	47	-201	-18	4,338	101	-344
Developed countries	-1,765	-282	-769	(P)	-145	-117	-21	-99	-557	(P)	-369	-24	-262	-43	-18
Canada	-92	158	-81	(P)	(P)	(P)	8	(P)	(P)	(P)	23	15	-139	-12	-56
Europe	-1,311	-392	-676	(P)	2	(P)	-43	(P)	(P)	72	-226	-29	-64	-77	152
European Communities (10)	-699	-386	-611	(P)	-77	(P)	-41	-30	-523	(P)	208	3	17	-90	159
Belgium	-161	-116	-8	(P)	82	7	-38	(P)	-29	3	14	(P)	(P)	-25	2
Denmark	(P)	(P)	-12	(*)	(P)	(P)	0	3	(*)	(P)	7	0	(*)	(P)	5
France	330	138	93	-24	(P)	(P)	(P)	3	-10	22	63	3	-25	5	51
Germany	-883	-563	-261	31	-28	-53	-67	2	-139	-6	-5	(*)	(P)	-14	(P)
Greece	(P)	(P)	1	(*)	1	0	0	(P)	0	(P)	(P)	(P)	(*)	0	(*)
Ireland	30	(P)	86	3	94	-2	-16	-3	0	11	(P)	0	-4	(P)	(P)
Italy	165	(P)	24	(P)	(P)	(P)	-28	10	(P)	3	121	(P)	(P)	1	5
Luxembourg	17	(P)	(P)	0	1	(P)	-1	-1	0	21	0	(P)	(P)	0	0
Netherlands	-78	72	(P)	23	-164	-10	(P)	24	(P)	-100	16	(P)	(P)	-57	36
United Kingdom	-40	191	(P)	30	(P)	-10	21	-34	-345	111	-1	-6	47	1	(P)
Other Europe	-613	-7	-65	-31	78	(P)	-2	(P)	(P)	(P)	-434	-32	-81	13	-7
Austria	-31	-9	-30	(P)	(*)	0	(P)	(P)	0	-2	0	0	(*)	2	(*)
Finland	1	(*)	(P)	0	(P)	0	(P)	0	(P)	0	5	0	0	0	(P)
Norway	-6	32	(P)	0	(P)	(*)	(*)	-41	0	(P)	(P)	0	(P)	(*)	(P)
Portugal	-21	(P)	-7	0	2	-4	-3	(*)	0	-1	(P)	(P)	0	0	0
Spain	(P)	(P)	-12	(P)	54	1	(P)	(P)	(P)	(P)	(P)	(*)	2	1	-2
Sweden	(P)	-14	-3	(P)	-2	(P)	-7	(*)	(P)	10	-3	0	(P)	1	-1
Switzerland	-519	-2	(P)	(*)	26	(P)	1	(P)	0	-6	(P)	(P)	-78	-11	(P)
Turkey	-7	(P)	(*)	0	(P)	0	0	(*)	0	(P)	-5	0	0	0	(P)
Other	13	(P)	(P)	0	(P)	0	0	0	(P)	(P)	0	0	-4	(P)	0
Japan	-30	11	-51	38	(P)	-3	(P)	7	(P)	(P)	0	(P)	0	54	11
Australia, New Zealand, and South Africa	-332	-58	41	102	(P)	-5	(P)	-17	(P)	(P)	(P)	-10	(P)	-8	-125
Australia	-363	(P)	(P)	83	-55	-4	(P)	-9	-28	(P)	(P)	(P)	-89	-8	-130
New Zealand	36	(P)	(P)	(P)	(*)	(*)	-1	-2	(P)	(P)	16	(P)	1	10	0
South Africa	-5	-4	7	19	(P)	-1	1	-6	-2	(P)	5	0	-6	(*)	-6
Developing countries	2,647	-1,272	-625	(P)	-275	-19	-94	-153	-65	(P)	168	6	4,600	144	-374
Latin America	3,768	-300	-261	(P)	-212	-23	-62	(P)	(P)	24	(P)	1	4,539	(P)	-313
South America	-308	-63	-225	(P)	(P)	(P)	-20	(P)	(P)	35	-2	0	-2	-10	-7
Argentina	-17	43	-61	(P)	(P)	(P)	19	(P)	-12	(*)	0	0	15	-2	-13
Brazil	-98	12	-81	-12	-101	(*)	-38	33	-2	39	-3	(P)	(P)	1	(P)
Chile	23	(P)	0	(*)	(P)	0	0	(P)	0	(P)	0	0	0	1	20
Colombia	(P)	(P)	20	-3	22	(P)	0	0	(*)	(P)	-19	0	0	-1	-5
Ecuador	-28	-28	-1	(*)	-1	(P)	0	(*)	0	(P)	0	0	-1	0	(P)
Peru	-168	-121	-23	(*)	-1	-1	0	(*)	0	(P)	(P)	(*)	0	0	(P)
Venezuela	-163	(P)	-85	5	-19	-24	-1	-11	-30	-5	17	0	6	-9	(P)
Other	(P)	63	7	4	0	(*)	0	0	(P)	(P)	(*)	0	-1	(P)	11
Central America	-192	23	(P)	-5	-45	1	-42	-23	(P)	(P)	(P)	(P)	58	(P)	-267
Mexico	-10	-24	36	17	-45	(P)	-42	-21	(P)	(P)	(P)	0	-7	(P)	-14
Panama	-45	62	-8	(P)	(P)	(*)	0	0	(*)	-2	-29	0	66	1	-136
Other	-188	-10	(P)	(P)	(P)	(P)	-2	0	0	6	2	(P)	-1	-1	-118
Other Western Hemisphere	4,268	-265	(P)	(P)	(P)	(P)	(*)	0	0	(P)	93	(P)	4,483	49	-39
Bahamas	(P)	-33	(P)	0	0	0	0	0	0	0	0	(P)	0	-3	(P)
Bermuda	191	-160	0	0	0	0	0	0	0	4	0	0	0	-3	(P)
Jamaica	(P)	(P)	0	0	0	0	0	0	0	(*)	(P)	(P)	0	-7	(P)
Netherlands Antilles	4,098	-44	(*)	(P)	0	0	0	0	0	0	-13	(P)	4,156	0	(P)
Trinidad and Tobago	-33	(P)	-7	(P)	-4	0	(*)	0	0	(P)	(P)	(P)	0	0	1
United Kingdom Islands, Caribbean	24	2	(P)	0	0	0	0	(P)	0	(P)	(P)	(*)	(P)	(P)	1
Other	14	9	-2	-2	(*)	(P)	0	(P)	0	(P)	(P)	(*)	(P)	11	(P)
Other Africa	-193	-189	-3	-2	2	3	0	-4	1	-4	(P)	2	3	-4	(*)
Saharan	280	275	2	0	(P)	0	0	(*)	0	4	4	0	3	-4	(*)
Egypt	(P)	(P)	2	0	(P)	0	0	(*)	(P)	(P)	4	0	3	(P)	(P)
Libya	(P)	(P)	0	0	0	0	0	0	0	0	0	0	0	0	(P)
Other	(P)	(P)	0	0	0	0	0	0	0	0	0	0	0	0	(P)
Sub-Saharan	-472	-463	-5	-2	3	0	-4	(P)	(P)	(P)	(P)	2	(*)	(*)	(P)
Liberia	(P)	-9	0	0	0	0	0	0	0	0	0	0	0	3	(P)
Nigeria	(P)	-11	(P)	(P)	(*)	3	0	(P)	0	(P)	-5	0	0	0	(*)
Other	76	(P)	7	(P)	(P)	3	0	(P)	(P)	3	(P)	2	(P)	(*)	(P)
Middle East	-104	-281	-3	(*)	(*)	-1	(P)	-2	-1	(P)	18	0	(P)	(P)	48
Israel	59	5	(P)	0	(P)	0	-1	-2	0	-1	52	0	-1	-4	(P)
Saudi Arabia	-62	-146	3	(*)	(P)	0	-1	-1	0	0	0	0	23	50	(P)
United Arab Emirates	-100	-140	(P)	0	(P)	0	-2	0	0	(P)	(P)	(P)	(P)	44	(P)
Other	-2	1	-1	0	(P)	(P)	0	0	-1	(P)	(*)	(P)	1	(P)	(P)
Other Asia and Pacific	-823	-503	-358	17	-65	1	(P)	(P)	(P)	-2	(P)	3	(P)	(P)	(P)
Hong Kong	-61	(P)	-36	(P)	(P)	0	3	-16	0	(*)	79	0	67	27	0
India	-1	(P)	0	0	-1	(P)	2	(*)	1	(P)	0	0	(P)	0	0
Indonesia	-195	-194	9	0	-3	(P)	0	0	0	(P)	-2	-1	(P)	0	(P)
Malaysia	-54	(P)	26	1	(*)	(P)	0	23	0	2	(P)	0	-1	0	(P)
Philippines	-37	(P)	-18	14	-15	(P)	0	-15	0	-1	(P)	0	-3	0	(P)
Singapore	-240	30	-257	1	-1	(P)	2	-103	(P)	-1	-9	(*)	-3	(*)	-2
South Korea	-85	(P)	-12	2	-1	(P)	0	0	(*)	0	14	(P)	1	0	(P)
Taiwan	-22	(P)	-14	(*)	-5	0	0	-9	(P)	(P)	-1	(P)	-24	0	(P)
Thailand	-142	(P)	-57	(P)	-3	0	0	-19	(P)	(P)	-2	0	0	0	(P)
Other	67	16	(*)	(*)	(*)	0	0	0	(P)	(P)	-2	0	(P)	(P)	(P)
International	195	147													48
Addendum—OPEC ¹	-1,034	-1,074	-87	(P)	-24	(P)	-3	(P)	-30	(P)	-24	-1	33	(P)	(P)

^P Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000 (±) or 500 acres.

1. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, Venezuela, and the United Arab Emirates.

Plant and Equipment Expenditures by Business for Pollution Abatement, 1986 and 1987

U.S. NONFARM business spent \$8.5 billion in 1986 for new plant and equipment to abate air and water pollution and to dispose of solid waste, a decrease of 1.9 percent from the 1985 level (table 1).¹ Business plans to

spend \$7.7 billion in 1987, an 8.5-percent decrease from 1986. These estimates are based on a BEA survey conducted early in 1987. Spending for pollution abatement (PA) plant and equipment had increased in 1984 and 1985, after decreasing in the preceding 2 years (chart 6).

The survey provided information about air PA, water PA, and solid waste disposal for 24 industries. Highlights are:

- Spending for each media—air, water, and solid waste—decreased slightly in 1986 (chart 7). The decrease for solid waste disposal occurred despite the recent emphasis on hazardous waste control.

- Planned spending for solid waste disposal for 1987 indicated a sharp increase. Thus, the total spending decrease planned for 1987 reflected decreases for air and water PA.

- Industries that made sizable cuts, \$0.1 billion or more, in PA plant and equipment spending in 1986 were electric utilities and primary steel (shown as blast furnaces-steel works in tables and charts). The chemicals

1. Pollution abatement is the purposeful reduction or elimination of emissions of pollutants. Pollutants are substances and other emissions that are potentially harmful and degrade the quality of air or water shared by all. Solid waste disposal refers to means acceptable to Federal, State, and local authorities.

The survey results are universe estimates for U.S. nonfarm business for PA plant and equipment. The estimates are based on sample data from companies, each of which is assigned to a single industry corresponding to the industry classification of the company's principal product. For further information about the survey methodology and for industry detail for spending prior to 1985, see "Plant and Equipment Ex-

penditures by Business for Pollution Abatement: Revised Estimates for 1973-83 and Estimates for 1984," SURVEY OF CURRENT BUSINESS 66 (February 1986) and "Plant and Equipment Expenditures by Business for Pollution Abatement, 1985 and 1986," SURVEY 66 (December 1986).

Table 1.—New Plant and Equipment Expenditures by U.S. Nonfarm Business: Total and for Pollution Abatement

[Billions of dollars]

	1985					1986					Planned 1987				
	Total	Pollution abatement				Total	Pollution abatement				Total	Pollution abatement			
		Total	Air	Water	Solid waste		Total	Air	Water	Solid waste		Total	Air	Water	Solid waste
Total nonfarm business ¹	431.94	8.61	4.14	3.28	1.19	427.23	8.45	4.09	3.20	1.16	441.95	7.73	3.41	2.86	1.46
Manufacturing	153.48	5.13	2.39	2.13	.60	142.69	5.33	2.40	2.27	.66	144.97	5.44	2.21	2.23	.99
Durable goods	73.27	2.11	1.07	.84	.20	69.14	2.05	1.07	.77	.21	70.67	2.01	.86	.84	.32
Primary metals ²	7.75	.89	.52	.31	.06	7.13	.76	.43	.29	.04	8.87	.68	.30	.30	.08
Blast furnaces, steel works	4.12	.61	.35	.25	.01	3.32	.47	.25	.21	.01	4.66	.37	.15	.19	.03
Nonferrous metals	1.88	.19	.13	.03	.03	1.93	.19	.13	.05	.02	2.21	.18	.10	.06	.03
Fabricated metals	3.57	.08	.05	.03	.01	4.00	.09	.04	.04	.01	4.03	.07	.03	.03	.01
Electrical machinery	15.47	.18	.06	.10	.02	14.17	.25	.07	.13	.05	16.02	.22	.05	.10	.07
Machinery, except electrical	15.98	.15	.03	.09	.03	13.61	.10	.02	.07	.01	12.60	.10	.01	.08	.01
Transportation equipment ³	19.46	.55	.25	.23	.06	18.88	.60	.38	.14	.07	17.12	.53	.29	.14	.10
Motor vehicles	14.63	.49	.24	.19	.06	13.95	.54	.37	.11	.06	12.56	.45	.27	.10	.08
Aircraft	3.45	.03	.01	.02	.01	3.80	.05	.01	.02	.01	3.37	.05	.01	.03	.01
Stone, clay, and glass	3.40	.13	.09	.03	.01	3.14	.10	.06	.03	.01	3.35	.17	.09	.06	.02
Other durables ³	7.62	.13	.07	.05	.02	8.20	.15	.07	.06	.02	8.68	.23	.08	.13	.02
Nondurable goods	80.21	3.02	1.33	1.29	.40	73.56	3.28	1.33	1.49	.46	74.31	3.43	1.36	1.39	.68
Food including beverage	10.33	.25	.08	.14	.03	10.60	.27	.09	.13	.05	11.04	.25	.07	.13	.05
Textiles	1.77	.03	.02	.01	(*)	1.67	.03	.02	(*)	.01	1.81	.05	.03	.01	.01
Paper	8.59	.58	.32	.17	.10	8.77	.55	.25	.15	.15	8.51	.66	.33	.11	.21
Chemicals	16.44	.74	.32	.32	.11	16.81	.98	.39	.48	.11	16.84	1.05	.38	.47	.20
Petroleum	26.71	1.25	.50	.60	.14	17.92	1.28	.52	.65	.11	16.20	1.25	.47	.60	.18
Rubber	3.86	.08	.05	.02	.01	3.89	.08	.03	.03	.02	3.63	.07	.03	.03	.01
Other nondurables ⁴	12.50	.08	.04	.03	.01	13.90	.09	.04	.04	.01	16.26	.10	.05	.04	.01
Nonmanufacturing	278.46	3.48	1.75	1.15	.59	284.54	3.12	1.69	.93	.49	296.98	2.29	1.19	.63	.46
Mining	15.88	.32	.09	.12	.11	11.22	.25	.08	.13	.04	10.10	.19	.04	.12	.02
Transportation	18.02	.07	.02	.04	.01	18.80	.09	.03	.05	.01	19.07	.11	.02	.07	.01
Railroad	7.08	.05	.01	.03	.01	6.66	.04	.01	.02	(*)	6.17	.04	.01	.03	.01
Air	4.79	(*)	(*)	.00	.00	6.26	.01	(*)	(*)	(*)	6.44	.01	(*)	.01	(*)
Other	6.15	.02	(*)	.01	(*)	5.89	.04	.01	.03	(*)	6.46	.05	.01	.04	(*)
Public utilities	48.81	2.87	1.57	.91	.38	46.38	2.50	1.49	.68	.33	46.27	1.76	1.04	.36	.36
Electric	36.11	2.79	1.55	.87	.37	33.91	2.44	1.47	.65	.32	32.59	1.72	1.02	.35	.35
Gas and other	12.70	.07	.03	.04	.01	12.47	.05	.02	.03	(*)	13.68	.04	.02	.02	(*)
Trade and services ⁵	144.84	.21	.05	.07	.09	156.25	.26	.08	.07	.11	167.74	.22	.08	.07	.07
Communication and other ⁶	50.90	.02	.01	(*)	(*)	51.88	.02	.02	(*)	(*)	53.81	.02	.01	.01	(*)

² Preliminary.

³ Less than \$5 million.

1. Consists of annual estimates for "all industries" as published in "Plant and Equipment Expenditures, First and Second Quarters and Second Half of 1987," SURVEY OF CURRENT BUSINESS (April 1987) plus annual estimates for the part of nonmanufacturing that is surveyed annually as published in "Plant and Equipment Expenditures, the Four Quarters of 1987," SURVEY (June 1987). The estimates incorporate new seasonal-adjustment factors introduced in "Plant and Equipment Expenditures, the Four Quarters of 1987," SURVEY (September 1987).

2. Includes industries not shown separately.

3. Consists of lumber, furniture, instruments, and miscellaneous.

4. Consists of apparel, tobacco, leather, and printing-publishing.

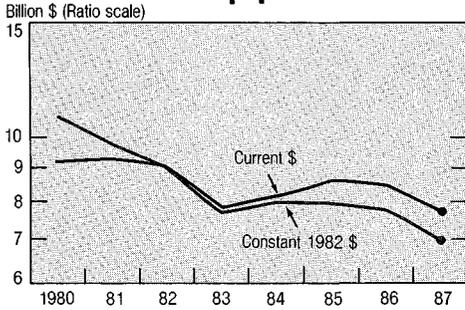
5. Consists of wholesale and retail trade; finance and insurance; personal and business services (excluding construction); and real estate.

6. Consists of communication; construction; social services and membership organizations; and forestry, fisheries, and agricultural services.

NOTE.—Estimates of planned spending for new plant and equipment, total and for pollution abatement, are based on business plans as surveyed in January-March.

CHART 6

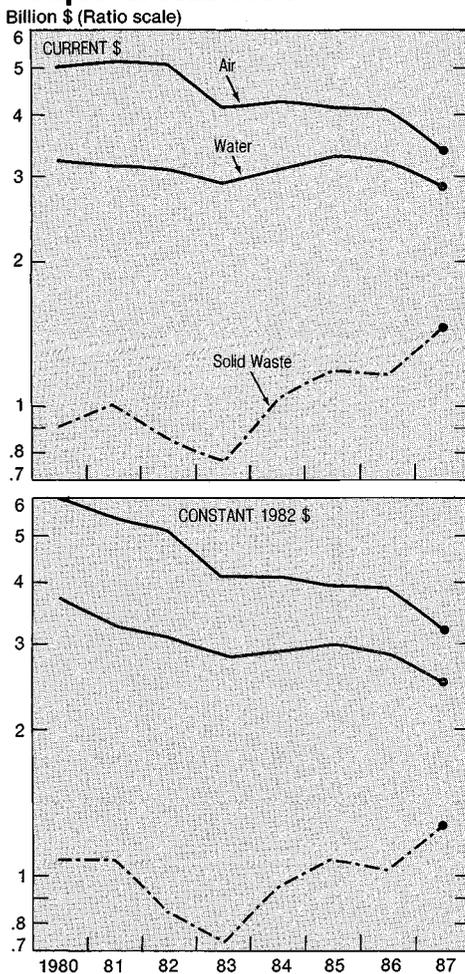
Current-Dollar and Constant-Dollar Expenditures by Business for Pollution Abatement New Plant and Equipment



U.S. Department of Commerce, Bureau of Economic Analysis 87-10-6

CHART 7

Current-Dollar and Constant-Dollar Expenditures by Business for New Plant and Equipment to Abate Air and Water Pollution and to Dispose of Solid Waste



U.S. Department of Commerce, Bureau of Economic Analysis 87-10-7

Table 2.—New Plant and Equipment Expenditures for Pollution Abatement in Current and Constant Dollars with Implicit Price Deflators

	1980	1981	1982	1983	1984	1985	1986	1987	1980	1981	1982	1983	1984	1985	1986	1987
	Billions of dollars								Percent change from preceding year							
Total.....	9.19	9.27	9.00	7.82	8.44	8.61	8.45	7.73	6.6	0.9	-2.9	-13.1	7.9	2.0	-1.9	-8.5
Air.....	5.05	5.13	5.09	4.15	4.28	4.14	4.09	3.41	9.5	1.6	-8	-18.5	3.1	-3.3	-1.2	-16.6
Water.....	3.24	3.14	3.08	2.90	3.12	3.28	3.20	2.86	3	-3.1	-1.9	-5.8	7.6	5.1	-2.4	-10.6
Solid Waste.....	.91	1.00	.84	.76	1.04	1.19	1.16	1.46	16.7	9.9	-16.0	-9.5	36.8	14.4	-2.5	25.9
	Billions of constant (1982) dollars								Percent change from preceding year							
Total.....	10.76	9.77	9.00	7.64	7.96	7.95	7.76	6.95	-2.5	-9.2	-7.9	-15.1	4.2	-1	-2.4	-10.4
Air.....	5.96	5.45	5.09	4.10	4.11	3.93	3.88	3.20	-5	-8.6	-6.6	-19.4	.2	-4.4	-1.3	-17.5
Water.....	3.73	3.26	3.08	2.81	2.90	2.99	2.85	2.49	-7.2	-12.6	-5.5	-8.8	3.2	3.1	-4.7	-12.6
Solid waste.....	1.08	1.07	.84	.73	.95	1.08	1.02	1.27	4.9	-9	-21.5	-13.1	30.1	13.7	-5.6	24.5
	Implicit price deflators, 1982=100 ¹								Percent change from preceding year							
Total.....	85.4	94.8	100.0	102.3	106.0	108.3	108.9	111.2	9.3	11.0	5.5	2.3	3.6	2.2	.6	2.1
Air.....	84.7	94.3	100.0	101.2	104.1	105.3	105.4	106.6	10.0	11.3	6.0	1.2	2.9	1.2	.1	1.1
Water.....	86.9	96.2	100.0	103.2	107.7	109.7	112.2	115.2	8.1	10.7	4.0	3.2	4.4	1.9	2.3	2.7
Solid waste.....	84.0	93.5	100.0	104.4	108.8	110.4	112.8	114.9	11.4	11.3	7.0	4.4	4.2	1.5	2.2	1.9

1. The implicit price deflators for 1987 are based on preliminary source data.

industry showed a sizable increase in spending.

The same industries making sizable cuts in spending in 1986 also planned cuts for 1987. Electric utilities doubled its cut relative to 1986. The paper industry planned a sizable increase for 1987.

In recent years, PA plant and equipment spending accounted for about one-half of total business PA capital spending and about one-eighth of total spending for pollution abatement and control. Total PA business capital includes, in addition to spending for plant and equipment, spending for emission abatement devices on cars and trucks as well as spending for agricultural and residential systems (e.g., septic systems). Total spending for pollution abatement and control also includes spending to operate business PA capital and all pollution abatement and control spending by consumers and government.²

Real spending for PA plant and equipment—spending adjusted for price change—decreased 2.4 percent

NOTE.—Frederick J. Dreiling planned and coordinated the survey and the estimation process. Frederick G. Kappler assisted with the editing of company reports, evaluation of the sample statistics, and derivation of universe estimates from them. Nikolaos A. Stergioulas converted the estimates from current dollars to constant (1982) dollars. Colin B. Brown, Christopher W. Cavaney, and Maurice A. Schlak provided computer programming and services. Shirley D. Tisdale provided statistical assistance. Sonia R. Bundy provided secretarial services.

2. For further details, see "Pollution Abatement and Control Expenditures, 1982-85," SURVEY 67 (May 1987).

in 1986 and, if plans are realized, will decrease 10.4 percent in 1987 (table 2). Real spending had increased in 1984 and had been essentially unchanged in 1985. Prices for PA plant and equipment increased only 0.6 percent in 1986, compared with 2.2 percent in 1985. Price increases have generally decelerated since 1981, when prices increased 11.0 percent. Preliminary estimates indicate that prices will increase 2.1 percent in 1987.

The share of total new plant and equipment expenditures accounted for by PA was 2.0 percent in 1986, the same as in 1985. If plans are realized, the share will decrease to 1.7 percent in 1987. The ratio has generally decreased throughout the 1980's. However, recent reauthorizations of several Federal environmental laws—the Resource Conservation and Recovery Act (in 1984), the Safe Drinking Water Act (in 1986), the Superfund Act (in 1986), and the Clean Water Act (in 1987)—have tended to make PA requirements stricter. If this tendency continues, the decline in the share of total new plant and equipment expenditures accounted for by PA may soon be arrested.

Media detail

Of the \$8.5 billion spent for PA plant and equipment in 1986, about \$4.1 billion was allocated for air PA, \$3.2 billion for water PA, and \$1.2 billion for solid waste disposal. Small decreases from 1985 occurred for each media: Air PA, down 1.2 percent; water PA, down 2.4 percent; and solid waste disposal, down 2.5 percent.

The air PA decrease in 1986 was slightly smaller than the 1.7-percent

decrease that had been planned, as reported in the PA survey a year earlier. Increases that had been planned for water PA (1.5 percent) and solid waste disposal (9.2 percent) did not materialize. The actual decrease in solid waste disposal in 1986, although small, is surprising in light of the emphasis on control of hazardous wastes in recent years and follows increases of 36.8 percent and 14.4 percent in 1984 and 1985, respectively.

Estimates of planned spending for 1987 show substantial decreases for air and water PA plant and equipment, but a large increase for solid waste disposal—25.9 percent. The large increase for solid waste disposal is consistent with moving ahead on programs after postponing investment first planned for 1986.

In 1986, real spending for air PA plant and equipment decreased slightly, 1.3 percent. Real spending for water PA plant and equipment and for solid waste disposal decreased moderately, 4.7 percent and 5.6 percent, respectively. In 1987, plans indicate larger decreases in real spending for air and water PA, partly offset by increased spending for solid waste disposal. Given that real spending for total PA plant and equipment has tended to decrease, recent Federal environmental legislative activity so far appears to have affected primarily the composition of real PA plant and equipment spending, shifting spending from air and water PA to solid waste disposal. If 1987 plans are realized, real spending for solid waste disposal will reach its highest level since 1973 and its share of total PA plant equipment spending will increase to 18.3 percent, up from 13.1 percent the previous year.

Spending for air and water PA plant and equipment has accounted for over four-fifths of PA plant and equipment spending in recent years. Such air and water PA is accomplished either by end-of-line methods or changes-in-production-process methods. End-of-line methods treat pollutants after they are generated, e.g., use of a settling pond for waste particles suspended in water. Changes-in-production-process methods are preventive in that they reduce the generation of pollutants during production, e.g., use of a water recirculation system for process cooling, instead of a once-through system. Business reported spending \$6.4 bil-

lion for end-of-line methods in 1986 and planned \$5.6 billion for 1987—87.7 percent and 88.5 percent, respectively, of total air and water PA plant and equipment spending (table 3). Prior to 1986, the largest share of air and water PA plant and equipment spending allocated to end-of-line methods was 83.4 percent in 1984.

Industry detail

Manufacturing industries spent \$5.3 billion for PA plant and equipment in 1986, a 3.9-percent increase and the third consecutive yearly increase. Nondurable goods industries raised spending, and durable goods industries lowered spending. Plans for 1987 by manufacturing indicate a smaller increase, 2.1 percent, again reflecting an increase by nondurables.

Durable goods industries lowered spending for PA plant and equipment 2.8 percent in 1986. Decreases by primary steel, machinery (except electrical), and stone-clay-glass more than offset increases in other industries—

notably electrical machinery and motor vehicles. The largest decrease was by steel, over \$0.1 billion (down 23.0 percent); this industry had increased spending for PA plant and equipment strongly in 1985. For 1987, steel reported plans for another sizable cut and motor vehicles planned a cut almost as large. Partly offsetting these cuts were planned increases by "other durables" and stone-clay-glass.

Nondurable goods industries raised spending for PA plant and equipment 8.6 percent in 1986. Increases by chemicals and petroleum more than offset a decrease by paper. The largest increase was by chemicals, over \$0.2 billion (up 32.4 percent). The increase by petroleum was small and followed four consecutive decreases; plans for 1987 indicate another decrease in petroleum spending. For 1987, paper reported the largest planned increase; chemicals also reported plans for a notable increase. Both the 1986 and 1987 increases by the chemicals industry are consistent with favorable economic conditions in

Table 3.—New Plant and Equipment Expenditures by U.S. Nonfarm Business for Air and Water Pollution Abatement by End-of-Line Methods

[Billions of dollars]

	1985			1986			Planned 1987		
	Total ¹	Air	Water	Total ¹	Air	Water	Total ¹	Air	Water
Total nonfarm business	6.13	3.45	2.67	6.39	3.60	2.79	5.55	2.95	2.60
Manufacturing	3.73	2.00	1.73	4.11	2.13	1.98	4.04	2.00	2.04
Durable goods	1.66	.91	.74	1.62	.94	.68	1.52	.77	.76
Primary metals ² .....	.74	.46	.29	.66	.39	.27	.57	.28	.29
Blast furnaces, steel works .....	.57	.33	.24	.46	.25	.21	.34	.15	.19
Nonferrous metals .....	.11	.09	.02	.13	.10	.03	.13	.08	.05
Fabricated metals .....	.05	.02	.03	.06	.02	.04	.05	.02	.03
Electrical machinery .....	.12	.04	.08	.15	.04	.11	.12	.04	.09
Machinery, except electrical .....	.11	.02	.08	.08	.02	.07	.09	.01	.08
Transportation equipment .....	.41	.22	.19	.46	.35	.11	.35	.26	.09
Motor vehicles .....	.37	.21	.16	.43	.34	.08	.31	.25	.06
Aircraft .....	.02	.01	.01	.03	.01	.02	.03	.01	.02
Stone, clay, and glass .....	.12	.09	.03	.09	.05	.03	.14	.09	.06
Other durables ³ .....	.10	.06	.04	.12	.07	.05	.20	.08	.12
Nondurable goods	2.07	1.08	.99	2.49	1.19	1.30	2.52	1.23	1.29
Food including beverage .....	.09	.04	.05	.11	.05	.06	.16	.06	.10
Textiles .....	.02	.01	.01	.02	.02	(*)	.04	.03	.01
Paper .....	.41	.28	.13	.30	.20	.09	.35	.28	.07
Chemicals .....	.53	.27	.26	.82	.36	.46	.80	.34	.45
Petroleum .....	.89	.39	.50	1.12	.49	.62	1.05	.45	.60
Rubber .....	.06	.04	.02	.05	.03	.02	.06	.02	.03
Other nondurables ⁴ .....	.07	.04	.03	.08	.04	.04	.08	.04	.04
Nonmanufacturing	2.40	1.46	.94	2.28	1.47	.82	1.51	.96	.55
Mining .....	.20	.09	.12	.19	.08	.11	.15	.04	.10
Transportation .....	.05	.02	.03	.07	.02	.05	.09	.02	.07
Railroad .....	.04	.01	.03	.03	.01	.02	.03	.01	.02
Air	(*)	(*)	.00	(*)	(*)	(*)	.01	(*)	.01
Other .....	.01	(*)	.01	.04	.01	.03	.05	.01	.04
Public utilities	2.03	1.31	.72	1.89	1.29	.59	1.15	.84	.31
Electric	1.98	1.30	.69	1.85	1.28	.57	1.13	.83	.30
Gas and other .....	.05	.02	.03	.04	.01	.03	.03	.01	.01
Trade and services ⁵ .....	.10	.03	.07	.12	.06	.06	.10	.04	.06
Communication and other ⁶ .....	.01	.01	(*)	.02	.01	(*)	.02	.01	.01

¹ Preliminary.

² Less than \$5 million.

1. End-of-line methods involve the separation, treatment, or reuse of pollutants after they are generated but before they are emitted from a company's property. Changes-in-production-process methods involve the modification of existing production processes or the substitution of new process to reduce or eliminate the pollutants generated. Changes-in-process estimates for air and water pollution abatement can be derived by subtracting estimates in this table from those in table 1.

2. Includes industries not shown separately.

3. Consists of lumber, furniture, instruments, and miscellaneous.

4. Consists of apparel, tobacco, leather, and printing-publishing.

5. Consists of wholesale and retail trade; finance and insurance; personal and business services (excluding construction); and real estate.

6. Consists of communication; construction; social services and membership organizations; and forestry, fisheries, and agricultural services.

that industry (e.g., strong sales and rising profits) and may also indicate stimulus from recent reauthorizations of environmental legislation.

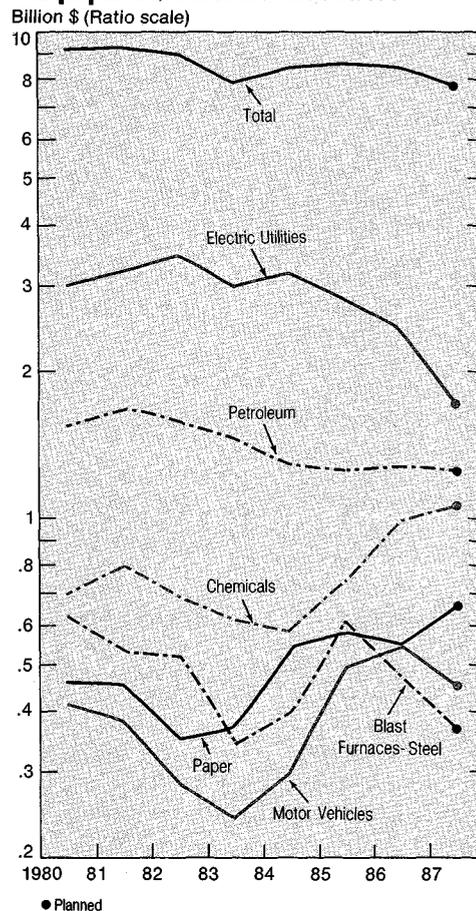
Nonmanufacturing industries spent \$3.1 billion for PA plant and equipment in 1986, a 10.3-percent decrease—about the same rate as in 1985. A much larger decrease is planned for 1987, 26.6 percent. Both the actual and planned decreases by nonmanufacturing reflect large cuts by electric utilities, \$0.4 billion in 1986 (down 12.5 percent) and \$0.7 billion in 1987 (down 29.5 percent). Electric utilities have added little capacity in recent years due to slow growth in demand. Notable cuts were made by mining in 1986 and planned for 1987. A notable increase was made by trade and services in 1986, but a cut was planned for 1987.

1980's in perspective.—Six industries have largely shaped the path of PA plant and equipment spending in the 1980's: Electric utilities, petroleum, chemicals, paper, motor vehicles, and primary steel (chart 8). The total has been trending down in the 1980's, at a 1.4-percent annual rate. Electric utilities and petroleum, the largest spenders, peaked early and contributed substantially to the downtrend.

Spending by chemicals fell between 1981 and 1984 before its recent resurgence, which will put it at a record high in 1987 if plans are realized. Spending by the other three industries—primary steel, motor vehicles, and paper—declined sharply early in the 1980's. These three industries had relatively low PA plant and equipment spending in 1983 and contributed to the dip in total PA plant and equipment spending in that year. Recent increases by paper and, to a lesser extent, motor vehicles have tended to moderate the downtrend in total PA plant and equipment spending.

Spending for PA plant and equipment in 1986 and that planned for 1987 may be largely for replacing and rebuilding existing equipment. Most industries appear to have made substantial progress toward fulfilling existing regulatory requirements, except those from changes accompanying recent reauthorizations of Federal environmental laws noted earlier. Spending for PA plant and equipment by electric utilities (except hydroelectric), chemicals, and primary steel in the next few years may be influenced by the outcome of pending legislation to reduce emissions of 50 hazardous air pollutants and to control acid rain.

CHART 8
Current-Dollar Expenditures for Pollution Abatement New Plant and Equipment, Selected Industries



U.S. Department of Commerce, Bureau of Economic Analysis 87-10-8

Regional Nonfarm Personal Income in the Current Economic Expansion

REGIONAL patterns in nonfarm personal income growth in the current expansion have differed from regional patterns in previous post-World War II expansions. In the current expansion, nonfarm personal income in the New England and Mideast regions has increased more rapidly than the national average; in the Great Lakes, Plains, Southwest, and Rocky Mountain regions, it has increased less rapidly than the national average. In contrast, in most previous expansions, nonfarm personal income in the Great Lakes, Plains, Southwest, and Rocky Mountain regions increased at rates near or above the national average; in the New England and Mideast regions, it increased at rates below the national average. For these comparisons, the current expansion is measured from the third quarter of 1982—the trough quarter for real GNP in the 1981–82 recession—to the second quarter of 1987—the most recent quarter for which estimates of regional personal income are available.

Industry growth patterns in nonfarm payrolls thus far in the 1981–87 national business cycle differed from those in preceding business cycles, and these differences help explain the contrasting patterns in regional nonfarm personal income growth.

- Payrolls in durables manufacturing were weak in the 1981–82 recession, as is typical in recessions. Uncharacteristically, these payrolls did not recover strongly in the current expansion and so adversely affected growth in the Great Lakes and Plains regions, where these payrolls account for a large share of nonfarm personal income.

- Payrolls in private service-type industries, in contrast, were unusually strong in the current expansion. They stimulated nonfarm personal income growth in the New England and Mideast regions, which long have been centers for these industries.

- Payrolls in the mining and related construction industries were unusually resistant to the 1981–82 recession due to rising oil prices but were unusually weak in the current expansion due to declining oil prices. Relative changes in these payrolls were reflected in the relative weakness in nonfarm personal income in the “oil-patch” Rocky Mountain and Southwest regions.

In the Far West and Southeast regions, nonfarm personal income increased more rapidly than the national average in both the current and previous expansions.

Fast-growing regions

In the current expansion, the fast-growing regions, as measured by the percentage increase in nonfarm personal income, were: New England, 46.5 percent; Far West, 43.9 percent; Southeast, 42.2 percent; and Mideast, 39.6 percent. Nonfarm personal income for the Nation increased 38.0 percent. In the New England region, payrolls in industries that provide data processing, computer, and research and development services to the region’s high-technology industries contributed to fast growth. In the Mideast region, payrolls in industries that provide banking, brokerage, advertising, consulting, and management services to national and international markets contributed to fast growth. In both regions, large increases in construction payrolls, in part reflecting continuing development of urban commercial centers, also stimulated growth. The Far West and Southeast regions, like the New England and Mideast regions, benefited from strength in private service-type payrolls. The Far West and Southeast regions, in addition, benefited from large increases in durables manufacturing payrolls as a result of the national defense buildup early in the expansion.

Slow-growing regions

The regions that had the smallest percentage increases in nonfarm personal income were: Rocky Mountain, 27.6 percent; Southwest, 28.9 percent; Plains, 30.8 percent; and Great Lakes, 33.2 percent. In the Rocky Mountain and Southwest regions, large declines in mining payrolls contributed to slow growth, as a decline in oil prices during most of the expansion discouraged oil exploration and production. In the Southwest region, in addition, weakness in oil mining dampened the growth of payrolls in durables manufacturing industries that produce oil field equipment and oil refining and pipeline equipment. Construction payrolls declined in part due to an oversupply of commercial and industrial structures, many of which had been built before the decline in oil prices. In the Plains region, weakness in payrolls in construction, trade, and finance contributed to slow growth. In the Great Lakes region, weakness in payrolls in durables manufacturing industries—including primary metals, fabricated metals, and machinery—was a major growth-retarding factor.

Detailed tabulations of quarterly estimates of total and nonfarm personal income, including nonfarm payrolls (wages and salaries) by industry, for States and regions, for the years 1969–87 are available from the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230. Table 1 (following this article) presents estimates of total personal income, for States and regions, for the timespan from the first quarter of 1981 to the second quarter of 1987; table 2 presents estimates of total and nonfarm personal income, as well as detailed estimates of the sources of personal income by major type of payment and earnings (wages and salaries, proprietors’ income, and other labor income) by industry, for the timespan from the first quarter of 1986 to the second quarter of 1987.

State Quarterly

Table 1.—Total Personal

[Millions of dollars, seasonally]

Line	State and region	1981				1982				1983			
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r
1	United States.....	2,434,091	2,478,132	2,560,397	2,584,304	2,607,179	2,648,710	2,675,478	2,722,625	2,748,441	2,808,374	2,842,055	2,938,630
2	New England.....	139,896	142,942	147,854	149,971	151,690	154,730	158,278	160,268	163,080	166,932	169,953	176,090
3	Connecticut.....	40,552	41,447	42,801	43,262	44,034	44,875	45,613	46,363	47,088	47,812	48,607	50,505
4	Maine.....	9,956	10,102	10,365	10,495	10,497	10,770	11,067	11,275	11,379	11,713	11,889	12,242
5	Massachusetts.....	65,179	66,711	69,130	70,250	71,060	72,513	74,292	75,107	76,632	78,603	80,014	82,955
6	New Hampshire.....	9,707	9,955	10,387	10,612	10,636	10,856	11,183	11,263	11,528	11,918	12,314	12,753
7	Rhode Island.....	9,693	9,845	10,145	10,275	10,333	10,495	10,796	10,871	11,040	11,320	11,500	11,826
8	Vermont.....	4,808	4,882	5,026	5,076	5,130	5,220	5,328	5,389	5,414	5,568	5,629	5,809
9	Mideast.....	482,465	492,387	508,803	515,064	520,762	529,475	538,061	547,212	554,284	564,589	574,850	590,145
10	Delaware.....	6,453	6,542	6,745	6,785	6,911	7,058	7,158	7,265	7,491	7,591	7,927	8,330
11	District of Columbia.....	8,374	8,483	8,758	8,895	9,002	9,173	9,300	9,494	9,571	9,727	9,830	9,986
12	Maryland.....	49,183	50,013	51,941	52,679	52,861	54,122	54,866	56,116	56,980	58,091	59,271	60,507
13	New Jersey.....	91,555	93,777	97,054	98,368	99,991	101,891	103,615	105,168	107,708	109,545	111,936	115,462
14	New York.....	201,448	206,150	213,148	215,969	218,891	222,142	226,456	231,032	233,323	239,127	243,081	250,868
15	Pennsylvania.....	125,452	127,422	131,156	132,368	133,105	135,089	136,666	138,137	139,252	140,608	143,140	145,450
16	Great Lakes.....	446,798	452,623	463,085	464,399	462,401	469,802	472,470	477,416	480,287	490,465	494,419	510,160
17	Illinois.....	134,385	135,471	138,681	139,837	139,468	142,136	142,755	144,167	145,972	147,725	146,991	151,906
18	Indiana.....	54,578	54,859	56,354	56,051	55,825	56,660	56,841	57,505	58,325	58,937	58,784	60,882
19	Michigan.....	97,684	99,985	101,338	101,417	99,630	101,187	101,569	102,428	103,056	106,046	108,410	111,997
20	Ohio.....	111,233	112,782	115,844	116,172	115,936	117,621	118,375	119,777	120,816	123,190	124,880	128,419
21	Wisconsin.....	48,917	49,575	50,867	50,923	51,539	52,197	52,931	53,539	53,158	54,567	55,355	56,858
22	Plains.....	181,033	182,042	187,378	187,188	187,359	191,537	191,954	198,725	194,585	200,367	198,066	207,581
23	Iowa.....	31,397	31,068	32,091	31,518	30,660	31,147	31,402	32,694	31,377	32,198	30,953	32,324
24	Kansas.....	26,175	26,502	27,088	27,334	27,872	28,688	28,390	29,387	28,642	29,433	29,503	31,063
25	Minnesota.....	44,321	44,682	46,029	46,211	46,705	47,333	47,760	49,148	48,451	50,020	49,830	51,944
26	Missouri.....	49,706	50,240	51,741	51,858	52,119	53,303	53,616	54,613	55,573	56,342	56,251	58,319
27	Nebraska.....	16,645	16,642	17,087	17,000	16,960	17,694	17,348	18,190	17,304	18,234	17,564	18,747
28	North Dakota.....	6,441	6,553	6,881	6,893	6,700	6,831	6,877	7,776	7,728	7,288	7,309	8,059
29	South Dakota.....	6,338	6,374	6,521	6,374	6,341	6,542	6,561	6,917	6,510	6,856	6,556	7,125
30	Southeast.....	488,367	497,000	515,654	519,824	525,100	533,561	539,287	549,129	558,409	571,392	578,325	599,069
31	Alabama.....	32,608	32,847	33,775	33,741	34,133	34,677	34,964	35,512	35,980	36,789	37,038	38,509
32	Arkansas.....	18,672	19,109	19,573	19,325	19,477	19,808	19,855	20,460	20,774	21,184	20,922	21,939
33	Florida.....	105,221	108,427	112,915	114,616	115,508	117,346	119,399	122,028	124,713	128,988	132,042	136,716
34	Georgia.....	50,041	51,122	52,871	53,285	54,253	55,324	56,101	57,535	58,622	60,477	61,566	64,353
35	Kentucky.....	31,921	31,826	33,316	33,226	33,500	33,952	34,211	34,695	34,589	34,846	34,772	36,249
36	Louisiana.....	40,308	41,537	43,158	43,932	44,528	44,950	45,094	45,126	45,914	46,018	46,439	47,439
37	Mississippi.....	18,973	19,335	19,928	20,289	20,535	20,466	20,915	21,257	21,500	21,036	22,110	
38	North Carolina.....	51,374	52,210	53,983	54,060	54,408	55,610	56,330	57,139	58,503	59,962	61,087	63,352
39	South Carolina.....	25,791	26,348	27,153	27,451	27,525	27,837	28,126	28,677	29,238	30,062	30,554	31,541
40	Tennessee.....	39,805	40,470	41,596	41,478	41,958	42,619	43,097	43,812	44,566	45,309	45,396	47,223
41	Virginia.....	57,153	58,052	60,285	61,368	61,933	63,202	64,110	65,569	66,707	68,479	69,593	71,364
42	West Virginia.....	16,500	15,718	17,211	17,415	17,588	17,701	17,534	17,660	17,546	17,776	17,881	18,274
43	Southwest.....	226,175	232,700	243,149	249,079	255,901	258,497	258,995	263,248	264,984	269,523	272,354	282,220
44	Arizona.....	27,025	27,864	29,012	29,430	29,355	29,604	29,626	30,419	31,077	32,193	33,285	34,431
45	New Mexico.....	11,555	11,858	12,307	12,525	12,768	12,986	13,030	13,323	13,695	13,943	14,263	
46	Oklahoma.....	31,488	32,548	33,920	34,780	36,270	36,669	36,755	37,124	36,320	36,788	36,714	37,930
47	Texas.....	156,106	160,430	167,909	172,346	177,508	179,238	179,584	182,382	184,256	186,847	188,412	195,596
48	Rocky Mountain.....	68,910	70,066	72,865	73,788	74,602	75,953	76,437	78,399	78,165	80,029	81,354	84,211
49	Colorado.....	33,828	34,575	36,150	37,061	37,899	38,731	38,937	39,860	40,209	41,037	41,376	43,087
50	Idaho.....	8,864	8,929	9,089	8,889	8,852	8,986	9,065	9,376	9,370	9,659	9,746	10,333
51	Montana.....	7,679	7,767	8,048	7,949	7,825	7,952	8,042	8,635	8,157	8,412	8,488	8,920
52	Utah.....	12,665	12,815	13,374	13,568	13,722	13,944	14,149	14,379	14,376	14,845	15,135	15,647
53	Wyoming.....	5,873	5,980	6,205	6,322	6,303	6,340	6,244	6,150	6,053	6,074	6,110	6,223
54	Far West.....	383,710	391,165	403,800	406,714	410,855	416,089	419,980	427,790	433,114	443,713	451,095	466,670
55	California.....	298,063	304,242	314,721	317,893	321,455	325,928	329,195	335,562	340,065	348,455	354,863	366,451
56	Nevada.....	10,059	10,359	10,693	10,745	10,823	10,909	10,987	11,114	11,229	11,501	11,645	12,010
57	Oregon.....	27,652	27,730	28,184	27,973	28,005	28,068	28,309	28,720	29,071	29,731	30,058	31,074
58	Washington.....	47,937	48,834	50,203	50,104	50,572	51,134	51,489	52,395	52,749	54,026	54,438	57,134
59	Alaska.....	6,052	6,298	6,586	6,887	7,057	7,426	8,148	8,453	8,487	8,643	8,926	9,140
60	Hawaii.....	10,687	10,909	11,223	11,390	11,454	11,641	11,868	11,984	12,505	12,720	12,803	13,344
Census Regions													
61	New England.....	139,896	142,942	147,854	149,971	151,690	154,730	158,278	160,268	163,080	166,932	169,953	176,090
62	Middle Atlantic.....	418,455	427,349	441,358	446,705	451,988	459,122	466,737	474,337	480,283	489,280	498,157	511,780
63	East North Central.....	446,798	452,623	463,085	464,399	462,401	469,802	472,470	477,416	480,827	490,465	494,419	510,160
64	West North Central.....	181,033	182,042	187,378	187,188	187,359	191,537	191,954	198,725	194,585	200,367	198,066	207,581
65	South Atlantic.....	370,090	376,913	391,863	396,553	399,989	407,372	412,924	421,484	429,329	441,054	449,415	463,964
66	East South Central.....	123,307	124,478	128,505	128,374	129,880	131,784	132,738	134,934	136,393	138,444	138,241	144,091
67	West South Central.....	246,574	253,624	264,560	270,382	277,783	280,665	281,288	285,091	287,324	290,837	292,488	302,904
68	Mountain.....	117,549	120,147	124,878	126,487	127,548	129,452	130,080	133,255	133,803	137,418	140,227	144,914
69	Pacific.....	390,390	398,014	410,916	414,247	418,542	424,247	429,009	437,113	442,877	453,576	461,089	477,144

r Revised.

p Preliminary.

Personal Income

Income, States and Regions

adjusted at annual rates

1984				1985				1986				1987		Percent change		Line
I'	II'	III'	IV'	I'	II'	III'	IV'	I'	II'	III'	IV'	I'	II'	1987:I-1987:II	1986:II-1987:II	
3,027,750	3,066,294	3,129,713	3,181,312	3,252,416	3,298,321	3,330,251	3,399,408	3,455,709	3,523,766	3,548,335	3,590,277	3,660,342	3,705,169	1.2	5.1	1
180,868	185,145	189,812	193,705	197,128	199,736	202,349	207,749	212,226	216,627	220,154	225,535	228,651	231,890	1.4	7.0	2
51,628	53,101	54,511	55,640	56,539	57,313	57,924	59,474	60,800	62,051	62,580	64,578	65,627	66,439	1.2	7.1	3
12,633	12,868	13,056	13,307	13,621	13,665	13,774	14,201	14,489	14,829	15,146	15,564	15,698	15,921	1.4	7.4	4
85,412	87,514	89,870	91,621	93,196	94,431	95,779	98,179	100,239	102,231	104,390	106,554	107,962	109,738	1.6	7.3	5
13,162	13,270	13,589	13,982	14,341	14,636	14,948	15,449	15,833	16,220	16,455	16,850	17,029	17,201	1.0	6.0	6
12,091	12,352	12,622	12,837	12,993	13,122	13,230	13,568	13,834	14,123	14,317	14,579	14,704	14,966	1.4	6.0	7
5,942	6,040	6,164	6,318	6,438	6,569	6,694	6,878	7,031	7,173	7,266	7,409	7,570	7,624	0.7	6.3	8
603,348	616,165	629,225	640,096	651,604	659,934	668,231	682,172	695,730	706,886	718,580	728,074	739,392	751,483	1.6	6.3	9
8,035	8,189	8,324	8,465	8,675	8,837	8,925	9,167	9,271	9,446	9,602	9,674	9,943	10,028	0.9	6.2	10
10,322	10,507	10,768	10,913	11,252	11,341	11,499	11,681	11,950	12,068	12,194	12,361	12,573	12,732	1.3	5.5	11
62,457	63,776	65,456	66,589	68,498	69,451	70,380	71,902	73,405	74,677	75,801	77,204	78,180	78,954	1.0	5.7	12
117,969	120,869	123,862	126,240	128,393	130,465	132,055	135,257	138,581	140,625	143,226	145,245	147,422	149,872	1.7	6.6	13
256,554	262,562	268,163	273,170	277,253	280,133	283,915	290,388	296,305	301,549	306,990	311,535	316,254	321,333	1.6	6.6	14
148,011	150,262	152,833	154,719	157,533	159,738	161,459	163,777	166,219	168,525	170,768	172,055	175,019	178,564	2.0	6.0	15
529,065	534,826	544,012	551,322	561,460	568,870	572,200	584,345	590,906	605,311	606,216	612,829	625,127	630,641	0.9	4.2	16
158,846	160,550	163,899	165,461	167,682	169,998	170,882	173,905	175,079	181,360	181,061	182,707	187,233	188,293	0.6	3.8	17
64,277	64,454	65,385	66,131	67,204	68,254	68,419	69,628	70,693	72,737	72,406	73,341	75,354	76,005	0.9	4.5	18
114,579	116,728	118,937	121,008	124,445	125,852	127,416	131,329	132,784	135,382	135,382	138,389	138,309	139,615	0.9	3.1	19
132,240	133,836	136,182	137,899	140,374	142,082	142,670	145,615	147,278	149,174	150,493	152,286	155,220	156,844	1.0	5.1	20
59,124	59,258	60,139	60,822	61,755	62,685	62,862	63,868	65,072	66,645	66,874	67,606	69,012	69,885	1.3	4.9	21
219,098	215,574	219,363	224,789	228,835	233,712	230,736	236,301	237,215	251,570	245,276	249,647	259,431	256,233	-1.2	1.9	22
35,918	33,944	34,211	34,674	35,597	37,180	35,383	36,027	36,465	39,380	38,062	37,855	42,066	39,276	-6.6	-1.4	23
31,746	31,439	31,968	33,150	33,408	33,860	33,965	35,019	34,608	36,211	36,114	37,233	37,241	37,458	0.6	3.4	24
54,995	54,831	56,046	57,351	58,328	59,475	59,148	60,235	61,277	64,141	63,307	64,013	65,897	65,787	-0.2	2.6	25
60,778	61,325	62,488	63,395	64,780	65,733	66,299	67,466	68,597	69,701	70,202	70,925	72,598	72,942	0.5	4.6	26
20,238	19,197	19,598	20,026	20,676	21,632	20,353	21,066	20,775	23,732	21,441	21,880	23,739	23,193	-2.3	-2.3	27
7,840	7,573	7,687	8,549	8,301	7,903	7,928	8,562	7,737	9,076	7,925	9,144	8,733	8,813	-1.8	-2.9	28
7,584	7,265	7,371	7,643	7,745	7,928	7,660	7,926	7,757	8,879	8,225	8,597	8,918	8,763	-1.7	-1.3	29
618,560	626,581	640,336	649,960	666,235	676,440	684,738	698,205	713,688	722,968	731,990	739,645	755,534	767,726	1.6	6.2	30
39,548	39,954	40,756	41,252	42,385	43,005	43,422	44,237	45,386	45,614	46,276	46,483	47,516	48,046	1.1	5.3	31
23,460	22,989	23,272	23,724	25,053	24,598	24,702	25,258	26,230	25,999	26,219	26,623	27,247	27,229	-0.1	4.7	32
139,360	142,035	145,900	148,554	152,763	156,636	159,375	162,924	166,697	170,408	172,595	174,580	178,467	183,376	2.8	7.8	33
66,844	67,971	69,850	71,301	73,274	74,584	76,174	78,000	80,286	81,337	82,676	84,012	85,750	86,862	1.3	6.8	34
37,885	38,219	38,801	39,117	39,371	40,053	40,250	40,799	41,037	41,825	42,299	42,448	43,322	44,099	1.8	5.4	35
48,090	48,543	49,429	49,491	50,449	50,566	50,491	50,891	50,891	50,601	50,240	49,797	50,142	50,173	0.1	-0.8	36
23,292	22,832	23,148	23,437	24,246	24,068	23,866	24,553	25,383	25,468	25,615	25,550	26,505	26,478	-0.1	4.0	37
66,011	67,168	68,567	69,777	71,185	72,489	73,606	75,403	76,730	78,298	79,525	80,499	82,290	84,268	2.4	7.6	38
32,822	33,173	33,815	34,302	35,031	35,492	36,071	36,773	37,438	37,953	38,354	38,869	39,435	40,051	1.6	5.5	39
49,041	49,825	50,771	51,521	52,600	53,435	53,921	55,219	56,290	57,164	58,185	58,939	60,572	61,372	1.3	7.4	40
73,787	75,040	77,066	78,413	80,579	81,921	83,106	84,592	87,153	88,464	89,724	91,337	93,610	94,845	1.3	7.2	41
18,529	18,833	19,154	19,070	19,300	19,593	19,592	19,597	20,169	20,197	20,285	20,508	20,678	20,927	1.2	3.6	42
288,920	292,831	299,096	303,658	312,750	316,700	320,068	324,420	328,123	328,522	326,782	324,911	332,486	335,982	1.1	2.3	43
35,694	36,042	37,283	38,092	39,679	40,379	41,303	42,342	43,723	44,462	44,873	45,816	46,420	46,985	1.2	5.7	44
14,562	14,825	15,177	15,362	15,936	16,198	16,336	16,342	16,772	16,911	16,935	16,957	17,070	17,394	1.9	2.9	45
38,350	38,627	38,836	39,539	39,808	40,134	40,266	40,766	40,654	41,024	40,200	40,502	40,631	41,098	1.2	0.2	46
200,315	203,337	207,800	210,664	217,327	219,989	222,163	224,731	226,974	226,125	224,773	221,636	228,365	230,504	0.9	1.9	47
84,726	86,019	87,593	89,354	90,076	91,302	91,756	93,385	93,960	95,790	95,703	96,386	97,211	98,771	1.6	3.1	48
43,792	44,545	45,395	46,064	46,606	47,383	47,633	48,332	48,878	49,741	50,240	50,222	51,117	51,902	1.5	4.3	49
10,154	10,204	10,372	10,695	10,790	10,842	10,842	11,152	10,914	11,187	11,377	11,524	11,697	11,697	2.2	4.6	50
8,703	8,743	8,862	9,355	9,095	9,011	9,011	9,315	9,269	9,898	9,387	10,111	9,982	9,926	-0.6	0.3	51
15,942	16,241	16,629	16,857	17,217	17,457	17,626	17,854	18,180	18,290	18,340	18,342	18,536	18,910	2.0	3.4	52
6,135	6,285	6,334	6,383	6,368	6,639	6,644	6,732	6,719	6,673	6,359	6,187	6,126	6,335	3.4	-5.1	53
480,501	486,436	497,419	505,433	520,464	527,363	535,497	547,864	558,917	570,881	578,166	587,639	597,027	606,552	1.6	6.2	54
379,495	384,305	393,226	399,729	412,541	417,939	424,868	435,350	443,697	453,800	459,955	466,938	475,502	482,220	1.4	6.3	55
12,319	12,510	12,805	13,054	13,419	13,618	13,899	14,181	14,424	14,725	15,015	15,315	15,559	15,945	2.5	8.3	56
31,608	31,937	32,481	32,957	33,478	33,848	34,188	34,786	35,175	35,810	36,242	36,592	37,090	37,979	2.4	6.1	57
57,079	57,684	58,907	59,693	61,026	61,959	62,542	63,548	65,620	66,546	66,953	68,794	68,876	70,408	2.2	5.8	58
9,215	9,133	9,12														

Table 2.—Personal Income by

[Millions of dollars, seasonally]

Line	Item	United States						New England					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	3,455,709	3,523,766	3,548,335	3,590,277	3,660,342	3,705,169	212,226	216,627	220,154	225,535	228,651	231,890
2	Nonfarm personal income.....	3,421,578	3,466,320	3,506,250	3,546,700	3,602,062	3,650,831	211,594	215,894	219,288	224,786	227,860	230,937
3	Farm income (line 17) ¹	34,131	57,447	42,085	43,577	58,280	54,338	632	733	866	749	790	953
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	2,515,799	2,569,099	2,586,673	2,626,477	2,688,232	2,719,702	153,665	157,033	159,937	165,314	167,906	170,298
5	Less: Personal contributions for social insurance ²	156,964	158,144	159,424	161,196	166,065	167,722	9,413	9,578	9,698	10,012	10,301	10,399
6	Plus: Adjustment for residence ³	522	524	526	532	539	545	2,951	2,952	3,038	3,012	3,042	3,103
7	Equals: Net earnings by place of residence.....	2,358,313	2,410,430	2,426,723	2,464,749	2,521,628	2,551,435	147,203	150,406	153,276	158,313	160,647	163,002
8	Plus: Dividends, interest, and rent ⁴	568,500	598,376	597,336	598,104	604,250	611,454	36,499	37,369	37,521	37,694	38,098	38,591
9	Plus: Transfer payments.....	508,836	514,960	524,276	527,424	534,464	542,280	28,525	28,553	29,857	29,528	29,906	30,297
10	State unemployment insurance benefits.....	15,200	15,838	16,620	16,136	15,183	14,533	814	814	837	796	767	732
11	Transfers excluding State unemployment insurance benefits.....	493,636	499,072	507,656	511,288	519,281	527,747	27,711	28,038	28,320	28,732	29,139	29,565
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	2,049,988	2,070,664	2,095,036	2,126,320	2,162,724	2,189,114	126,380	129,051	131,287	136,113	137,974	139,669
13	Other labor income.....	197,672	199,696	202,192	204,304	206,540	209,407	12,648	12,880	13,070	13,426	13,533	13,724
14	Proprietors' income ⁵	268,139	298,739	289,445	295,853	318,968	321,181	14,637	15,102	15,779	15,774	16,399	16,905
15	Farm ⁶	25,343	48,683	33,233	34,637	45,333	436	436	588	670	552	593	754
16	Nonfarm.....	242,796	250,056	256,212	261,216	269,652	275,848	14,202	14,564	14,909	15,223	15,806	16,151
Earnings by industry													
17	Farm.....	34,131	57,447	42,085	43,577	58,280	54,338	632	733	866	749	790	953
18	Nonfarm.....	2,481,668	2,511,652	2,544,588	2,582,900	2,629,952	2,665,365	153,034	156,299	159,071	164,565	167,115	169,345
19	Private.....	2,084,060	2,108,656	2,135,716	2,168,000	2,206,609	2,235,695	134,009	137,031	139,738	144,161	146,610	148,444
20	Agricultural services, forestry, fisheries, and other ⁶	12,844	13,320	13,388	13,484	13,927	13,460	845	878	878	892	930	894
21	Mining.....	39,628	36,196	34,952	34,440	34,951	35,780	653	626	615	638	668	697
22	Construction.....	159,612	164,816	168,016	169,916	172,007	173,990	9,947	10,437	10,683	11,091	11,923	11,821
23	Manufacturing.....	541,464	542,432	545,080	550,796	553,792	556,043	40,218	40,614	40,960	41,529	40,879	41,079
24	Non-durable goods.....	195,472	196,948	199,028	201,344	203,729	205,496	11,149	11,416	11,506	11,703	11,715	11,754
25	Durable goods.....	345,992	345,484	346,052	349,452	350,062	350,548	29,069	29,198	29,455	29,826	29,165	29,325
26	Transportation and public utilities.....	177,460	177,096	178,192	181,412	184,005	186,406	8,052	8,083	8,159	8,491	8,612	8,726
27	Wholesale trade.....	163,052	163,912	165,340	166,988	169,654	171,611	9,656	9,755	9,952	10,278	10,940	11,099
28	Retail trade.....	246,804	250,328	255,748	258,052	261,048	265,983	15,324	15,766	16,360	16,925	17,006	17,209
29	Finance, insurance, and real estate.....	173,348	180,540	185,780	192,356	202,564	204,901	11,526	12,144	12,467	13,245	13,362	14,247
30	Services.....	569,848	580,016	589,220	600,556	614,662	627,522	37,738	38,730	39,663	41,074	41,739	42,972
31	Government and government enterprises.....	397,608	402,996	408,572	414,900	423,343	429,659	19,025	19,259	19,333	20,404	20,506	20,901
32	Federal, civilian.....	84,416	84,460	84,844	85,044	86,641	87,085	3,389	3,394	3,389	3,415	3,479	3,534
33	Military.....	40,396	40,480	40,648	40,988	42,172	42,268	1,370	1,374	1,375	1,386	1,439	1,431
34	State and local.....	272,796	278,056	283,380	288,868	294,530	300,316	14,266	14,501	14,569	15,602	15,587	15,936

Line	Item	New Hampshire				Rhode Island							
		1986		1987		1986		1987					
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r				
Income by place of residence													
1	Total personal income (lines 4-9).....	15,833	16,220	16,455	16,850	17,029	17,201	13,834	14,123	14,317	14,579	14,764	14,966
2	Nonfarm personal income.....	15,796	16,178	16,406	16,808	16,985	17,148	13,794	14,075	14,260	14,532	14,714	14,902
3	Farm income (line 17) ¹	37	42	49	42	44	53	40	49	57	47	50	65
Derivation of total personal income													
4	Earnings by place of work (line 12-16 or 17-34).....	11,020	11,348	11,518	11,906	12,010	12,078	9,623	9,853	9,995	10,232	10,367	10,517
5	Less: Personal contributions for social insurance ²	658	675	681	703	716	715	727	741	747	763	779	786
6	Plus: Adjustment for residence ³	1,023	1,020	1,052	1,062	1,091	1,126	203	203	210	223	232	238
7	Equals: Net earnings by place of residence.....	11,385	11,694	11,889	12,264	12,386	12,489	9,099	9,315	9,459	9,692	9,821	9,969
8	Plus: Dividends, interest, and rent ⁴	2,673	2,742	2,753	2,765	2,799	2,844	2,355	2,409	2,420	2,432	2,455	2,483
9	Plus: Transfer payments.....	1,775	1,784	1,813	1,821	1,844	1,867	2,380	2,400	2,438	2,455	2,489	2,514
10	State unemployment insurance benefits.....	19	14	18	16	13	8	76	71	72	72	75	67
11	Transfers excluding State unemployment insurance benefits.....	1,756	1,770	1,795	1,805	1,832	1,859	2,304	2,329	2,366	2,382	2,414	2,446
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	8,811	9,073	9,205	9,547	9,608	9,642	7,967	8,153	8,256	8,477	8,580	8,684
13	Other labor income.....	899	925	935	963	964	970	769	788	803	819	821	833
14	Proprietors' income ⁵	1,310	1,351	1,378	1,395	1,438	1,466	887	912	936	936	966	1,000
15	Farm ⁶	22	27	34	28	30	38	34	43	51	41	44	59
16	Nonfarm.....	1,288	1,323	1,344	1,368	1,408	1,428	853	869	885	895	922	941
Earnings by industry													
17	Farm.....	37	42	49	42	44	53	40	49	57	47	50	65
18	Nonfarm.....	10,983	11,307	11,470	11,864	11,966	12,025	9,583	9,804	9,938	10,185	10,317	10,452
19	Private.....	9,757	10,060	10,204	10,557	10,626	10,654	8,066	8,263	8,449	8,621	8,692	8,797
20	Agricultural services, forestry, fisheries, and other ⁶	46	51	55	54	53	53	87	84	82	82	89	89
21	Mining.....	48	48	48	50	53	54	31	29	29	30	32	34
22	Construction.....	1,219	1,242	1,190	1,200	1,233	1,180	533	570	594	610	633	629
23	Manufacturing.....	3,072	3,145	3,126	3,241	3,165	3,181	2,611	2,658	2,652	2,716	2,663	2,676
24	Non-durable goods.....	831	828	830	861	853	840	799	823	807	835	788	797
25	Durable goods.....	2,242	2,317	2,296	2,380	2,312	2,341	1,812	1,835	1,845	1,882	1,875	1,879
26	Transportation and public utilities.....	511	523	536	546	553	555	402	406	447	433	434	435
27	Wholesale trade.....	599	615	647	655	695	682	539	553	562	567	586	596
28	Retail trade.....	1,282	1,340	1,407	1,484	1,493	1,485	978	1,012	1,047	1,086	1,073	1,096
29	Finance, insurance, and real estate.....	610	648	674	708	759	791	615	623	653	675	705	721
30	Services.....	2,369	2,447	2,522	2,620	2,618	2,671	2,272	2,327	2,383	2,422	2,469	2,521
31	Government and government enterprises.....	1,226	1,247	1,266	1,307	1,339	1,372	1,517	1,541	1,490	1,564	1,625	1,655
32	Federal, civilian.....	208	205	207	206	210	221	280	281	277	281	288	295
33	Military.....	110	113	113	110	112	112	184	192	187	184	195	192
34	State and local.....	908	928	946	991	1,017	1,039	1,053	1,069	1,026	1,099	1,142	1,168

See footnotes at end of table.

Major Sources, 1986:I-1987:II

adjusted at annual rates]

Connecticut				Maine				Massachusetts				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
60,800	62,051	62,580	64,578	65,627	66,439	14,489	14,829	15,146	15,564	15,698	15,921	100,239	102,231	104,390	106,554	107,962	109,738	1
60,655	61,875	62,390	64,412	65,449	66,216	14,418	14,752	15,049	15,475	15,604	15,819	100,000	101,958	104,071	106,275	107,663	109,380	2
145	176	190	166	178	223	71	78	97	89	94	102	239	272	318	279	300	358	3
43,494	44,491	44,738	46,811	47,729	48,267	10,063	10,327	10,609	11,016	11,092	11,245	74,483	75,923	77,910	80,042	81,251	82,711	4
2,741	2,797	2,797	2,923	3,033	3,052	586	597	610	632	640	645	4,433	4,497	4,591	4,704	4,839	4,910	5
2,388	2,379	2,470	2,421	2,438	2,495	41	50	52	62	61	57	-760	-758	-808	-819	-837	-875	6
43,141	44,073	44,411	46,305	47,133	47,711	9,519	9,781	10,051	10,446	10,512	10,657	69,290	70,668	72,511	74,520	75,574	76,926	7
10,929	11,187	11,259	11,319	11,426	11,568	2,343	2,404	2,415	2,427	2,457	2,498	16,966	17,363	17,405	17,476	17,669	17,893	8
6,731	6,791	6,910	6,955	7,069	7,161	2,628	2,645	2,680	2,691	2,728	2,771	13,983	14,199	14,473	14,559	14,719	14,919	9
176	167	172	170	173	150	66	63	61	57	55	56	447	470	485	451	424	426	10
6,555	6,624	6,738	6,785	6,896	7,011	2,562	2,582	2,619	2,633	2,673	2,715	13,536	13,729	13,988	14,108	14,295	14,493	11
36,007	36,851	36,997	38,886	39,586	39,948	7,981	8,170	8,392	8,749	8,751	8,856	61,682	62,799	64,401	66,273	67,158	68,252	12
3,833	3,877	3,858	3,980	4,035	4,074	854	879	905	940	938	951	5,911	6,021	6,177	6,317	6,359	6,481	13
3,654	3,763	3,883	3,946	4,107	4,245	1,229	1,279	1,313	1,327	1,402	1,438	6,890	7,103	7,332	7,452	7,733	7,978	14
98	129	144	119	131	176	21	28	47	38	43	51	190	223	269	230	251	309	15
3,556	3,634	3,739	3,827	3,977	4,069	1,207	1,250	1,266	1,289	1,360	1,387	6,700	6,880	7,062	7,222	7,483	7,670	16
145	176	190	166	178	223	71	78	97	89	94	102	239	272	318	279	300	358	17
43,349	44,315	44,547	46,645	47,551	48,043	9,992	10,250	10,512	10,927	10,998	11,143	74,244	75,651	77,592	79,763	80,951	82,363	18
38,526	39,413	39,859	41,361	42,313	42,703	8,174	8,423	8,650	9,010	9,067	9,171	65,298	66,599	68,266	70,153	71,305	72,545	19
154	158	161	167	182	174	161	165	158	152	157	151	369	390	391	406	411	395	20
247	232	228	238	247	252	32	30	30	31	32	34	265	258	250	258	273	285	21
2,709	2,807	2,929	3,060	3,297	3,271	776	841	830	865	1,007	1,023	4,244	4,507	4,696	4,906	5,236	5,251	22
12,859	12,992	13,012	13,185	13,204	13,158	2,422	2,464	2,511	2,603	2,538	2,531	17,992	18,073	18,363	18,449	17,977	18,194	23
2,994	3,148	3,117	3,105	3,241	3,287	1,341	1,362	1,370	1,415	1,359	1,344	4,894	4,957	5,082	5,180	5,155	5,227	24
9,864	9,844	9,895	10,080	9,962	9,920	1,081	1,102	1,141	1,188	1,178	1,186	13,098	13,116	13,281	13,269	12,822	12,967	25
2,268	2,321	2,308	2,395	2,445	2,478	583	610	633	620	618	4,002	3,962	3,964	4,176	4,242	4,319	26	
2,884	2,867	2,948	3,052	3,252	3,290	528	537	551	580	577	588	4,867	4,998	4,997	5,168	5,568	5,671	27
3,954	4,072	4,250	4,432	4,427	4,540	1,160	1,204	1,256	1,315	1,323	1,349	7,412	7,585	7,835	8,025	8,086	8,136	28
4,035	4,325	4,212	4,703	4,949	5,061	485	508	548	587	570	586	5,545	5,795	6,122	6,297	6,588	6,788	29
9,418	9,641	9,811	10,130	10,310	10,478	2,027	2,089	2,157	2,246	2,243	2,290	20,603	21,092	21,647	22,468	22,924	23,505	30
4,823	4,902	4,688	5,294	5,238	5,341	1,818	1,827	1,863	1,917	1,931	1,971	9,945	9,053	9,326	9,611	9,646	9,808	31
656	663	671	688	714	726	490	482	481	471	480	490	1,630	1,636	1,633	1,648	1,668	1,678	32
373	363	364	366	378	373	243	236	232	238	246	244	438	448	456	465	482	485	33
3,794	3,876	3,653	4,231	4,146	4,241	1,086	1,109	1,150	1,208	1,205	1,237	6,877	6,968	7,237	7,498	7,495	7,645	34
Vermont				Midwest				Delaware				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
7,081	7,173	7,266	7,409	7,570	7,624	695,730	706,886	718,580	728,074	739,392	751,483	9,271	9,446	9,602	9,674	9,943	10,028	1
6,981	7,056	7,111	7,284	7,445	7,472	698,875	704,232	715,614	725,652	736,655	748,194	9,174	9,309	9,472	9,564	9,817	9,875	2
100	117	155	126	125	152	2,055	2,654	2,966	2,422	2,737	3,289	97	138	130	111	126	153	3
4,983	5,090	5,167	5,306	5,458	5,480	505,332	513,671	524,005	533,165	542,819	552,321	7,424	7,549	7,725	7,834	8,126	8,151	4
268	272	273	282	294	291	34,020	34,387	34,900	35,421	36,488	36,982	616	621	634	645	678	674	5
55	58	61	62	58	61	-6,313	-6,270	-6,350	-6,377	-6,422	-6,538	-368	-367	-380	-392	-422	-406	6
4,770	4,875	4,955	5,086	5,249	5,249	465,000	473,014	482,756	491,368	499,908	508,801	6,440	6,561	6,710	6,797	7,026	7,071	7
1,233	1,264	1,269	1,275	1,292	1,310	121,813	123,896	123,977	124,192	125,340	126,933	1,619	1,642	1,637	1,635	1,655	1,682	8
1,029	1,033	1,043	1,048	1,057	1,065	108,918	109,976	111,848	112,514	114,144	115,748	1,212	1,244	1,256	1,241	1,263	1,275	9
31	30	29	29	27	24	3,278	3,159	3,193	3,072	3,013	2,854	87	58	51	30	32	24	10
998	1,004	1,014	1,019	1,029	1,041	105,640	106,817	108,655	109,443	111,131	112,894	1,175	1,185	1,204	1,212	1,231	1,251	11
3,933	4,006	4,036	4,181	4,291	4,286	418,539	424,146	432,026	440,155	446,879	453,745	6,112	6,170	6,323	6,452	6,685	6,678	12
382	390	393	406	415	416	39,021	39,425	40,145	40,604	41,055	41,744	633	686	703	716	744	743	13
668	694	738	719	752	777	47,772	50,101	51,835	52,407	54,885	56,831	629	694	700	667	696	729	14
70	87	125	96	95	122	1,417	2,016	2,322	1,774	2,087	2,636	78	119	111	91	107	133	15
597	608	613	623	657	656	46,356	48,084	49,512	50,633	52,799	54,196	551	575	589	576	589	596	16
100	117	155	126	125	152	2,055	2,654	2,966	2,422	2,737	3,289	97	138	130	111	126	153	17
4,882	4,973	5,012	5,180	5,333	5,328	503,277	511,017	521,039	530,743	540,082	549,032	7,327	7,412	7,595	7,724	7,999	7,998	18
4,188	4,274	4,311	4,459	4,607	4,574	423,163	429,332	438,334	445,986	454,266	461,833	6,309	6,384	6,532	6,652	6,893	6,869	19
28	30	31	31	32	31	1,832	1,878	1,937	1,966	2,059	1,955	22	23	22	22	24	23	20
31	30	31	32	31	37	3,313	3,131	3,092	3,141	3,318	3,429	33	30	28	28	31	33	21
466	470	445	451	518	467	27,972	29,448	30,890	30,954	32,250	33,360	627	679	686	639	652	636	22
1,282	1,282	1,296	1,385	1,332	1,340	98,641	98,669	98,896	99,196	99,694	99,473	2,518	2,479	2,51				

Table 2.—Personal Income by Major

(Millions of dollars, seasonally)

Line	Item	District of Columbia						Maryland					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	11,950	12,063	12,194	12,361	12,573	12,732	73,405	74,677	75,801	77,204	78,180	78,954
2	Nonfarm personal income.....	11,950	12,063	12,194	12,361	12,573	12,732	73,105	74,259	75,407	76,859	77,782	78,497
3	Farm income (line 17) ¹	0	0	0	0	0	0	299	418	394	345	399	457
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	20,193	20,171	20,334	20,703	21,231	21,546	47,742	48,860	49,824	51,117	51,591	51,901
5	Less: Personal contributions for social insurance ²	1,419	1,416	1,424	1,446	1,518	1,545	3,125	3,176	3,225	3,299	3,365	3,366
6	Plus: Adjustment for residence ³	-11,143	-11,055	-11,105	-11,295	-11,585	-11,770	7,175	7,129	7,190	7,311	7,591	7,728
7	Equals: Net earnings by place of residence.....	7,631	7,700	7,805	7,962	8,128	8,231	51,792	52,813	53,790	55,128	55,817	56,263
8	Plus: Dividends, interest, and rent ⁴	1,759	1,755	1,781	1,733	1,800	1,820	11,664	11,821	11,792	11,785	11,895	12,066
9	Plus: Transfer payments.....	2,559	2,573	2,608	2,617	2,645	2,681	9,948	10,044	10,219	10,291	10,468	10,625
10	State unemployment insurance benefits.....	59	64	69	68	68	74	221	211	210	209	211	185
11	Transfers excluding State unemployment insurance benefits.....	2,501	2,514	2,539	2,549	2,577	2,607	9,727	9,833	10,009	10,082	10,257	10,439
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	17,952	17,919	18,058	18,394	18,858	19,124	40,329	41,142	41,958	43,114	43,399	43,563
13	Other labor income.....	1,145	1,133	1,141	1,153	1,186	1,210	3,453	3,524	3,594	3,677	3,674	3,693
14	Proprietors' income ⁵	1,097	1,118	1,135	1,156	1,187	1,213	3,960	4,194	4,272	4,326	4,518	4,645
15	Farm ⁵	0	0	0	0	0	0	226	344	319	271	324	382
16	Nonfarm.....	1,097	1,118	1,135	1,156	1,187	1,213	3,734	3,850	3,953	4,055	4,194	4,263
Earnings by industry													
17	Farm.....	0	0	0	0	0	0	299	418	394	345	399	457
18	Nonfarm.....	20,193	20,171	20,334	20,703	21,231	21,546	47,443	48,442	49,431	50,771	51,193	51,444
19	Private.....	11,401	11,330	11,475	11,838	12,245	12,488	36,952	37,811	38,552	39,746	40,079	40,220
20	Agricultural services, forestry, fisheries, and other ⁶	169	177	189	201	238	231	235	242	245	254	273	262
21	Mining.....	37	34	33	34	37	39	177	169	172	176	192	206
22	Construction.....	362	398	429	427	438	437	3,794	3,975	4,077	4,328	4,500	4,364
23	Manufacturing.....	558	566	597	588	618	620	6,079	6,135	6,126	6,242	5,733	5,696
24	Nondurable goods.....	454	450	475	468	486	483	2,424	2,485	2,488	2,552	2,509	2,505
25	Durable goods.....	104	115	121	120	132	138	3,655	3,650	3,638	3,690	3,224	3,191
26	Transportation and public utilities.....	935	900	910	909	1,003	1,022	2,952	2,960	3,018	3,063	3,221	3,256
27	Wholesale trade.....	320	317	304	306	306	313	2,954	3,004	3,058	3,068	3,170	3,214
28	Retail trade.....	775	787	797	827	803	820	5,437	5,555	5,644	5,825	5,896	5,929
29	Finance, insurance, and real estate.....	1,178	1,173	1,205	1,227	1,308	1,338	2,984	3,164	3,286	3,408	3,685	3,746
30	Services.....	7,068	6,978	7,011	7,317	7,495	7,667	12,340	12,608	12,926	13,383	13,408	13,548
31	Government and government enterprises.....	8,792	8,841	8,859	8,865	8,986	9,058	10,491	10,631	10,879	11,026	11,114	11,224
32	Federal, civilian.....	6,909	6,917	6,878	6,866	6,926	6,939	4,330	4,381	4,450	4,472	4,451	4,431
33	Military.....	485	494	496	502	516	523	995	1,002	1,010	1,014	1,050	1,061
34	State and local.....	1,399	1,429	1,486	1,497	1,544	1,595	5,166	5,248	5,419	5,539	5,613	5,732

Line	Item	Great Lakes				Illinois							
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	590,906	605,311	606,216	612,829	625,127	630,641	175,079	181,360	181,061	182,707	187,233	188,293
2	Nonfarm personal income.....	587,322	595,104	601,069	607,555	616,585	623,805	174,368	177,567	180,094	181,483	184,258	186,517
3	Farm income (line 17) ¹	3,584	10,208	5,147	5,274	8,542	6,836	712	3,793	967	1,223	2,975	1,776
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	430,733	443,088	442,579	448,744	459,812	462,851	127,289	132,966	132,354	133,824	137,936	138,429
5	Less: Personal contributions for social insurance ²	28,159	28,409	28,565	28,839	29,744	29,943	8,204	8,328	8,427	8,463	8,721	8,828
6	Plus: Adjustment for residence ³	2,266	2,243	2,265	2,268	2,333	2,347	829	782	772	788	839	817
7	Equals: Net earnings by place of residence.....	404,839	416,922	416,280	422,173	432,401	435,255	119,913	125,420	124,699	126,149	130,054	130,419
8	Plus: Dividends, interest, and rent ⁴	97,732	99,127	99,054	99,159	100,024	101,144	31,190	31,750	31,796	31,888	32,171	32,500
9	Plus: Transfer payments.....	88,336	89,262	90,882	91,497	92,708	94,242	23,977	24,190	24,566	24,670	25,009	25,374
10	State unemployment insurance benefits.....	2,958	2,944	3,084	3,067	2,901	3,008	929	917	929	879	871	874
11	Transfers excluding State unemployment insurance benefits.....	85,377	86,318	87,798	88,430	89,802	91,234	23,047	23,273	23,638	23,791	24,138	24,500
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	354,255	358,363	361,665	366,526	372,495	375,947	103,799	105,687	107,367	108,249	109,958	111,248
13	Other labor income.....	37,464	37,970	38,340	38,757	39,148	39,486	10,283	10,490	10,661	10,696	10,837	10,993
14	Proprietors' income ⁵	39,014	46,755	42,575	43,462	48,169	47,418	13,207	16,789	14,327	14,879	17,141	16,189
15	Farm ⁵	2,498	9,124	4,052	4,167	7,432	5,720	466	3,548	719	974	2,725	1,525
16	Nonfarm.....	36,516	37,631	38,523	39,295	40,738	41,698	12,741	13,241	13,608	13,905	14,416	14,664
Earnings by industry													
17	Farm.....	3,584	10,208	5,147	5,274	8,542	6,836	712	3,793	967	1,223	2,975	1,776
18	Nonfarm.....	427,149	432,881	437,433	443,470	451,270	456,015	126,577	129,173	131,388	132,600	134,960	136,653
19	Private.....	371,577	375,904	379,425	384,747	391,974	395,848	110,375	112,375	114,229	115,277	117,439	119,135
20	Agricultural services, forestry, fisheries, and other ⁶	1,369	1,455	1,489	1,527	1,568	1,512	410	444	455	458	472	454
21	Mining.....	3,683	3,505	3,420	3,405	3,579	3,664	1,362	1,323	1,290	1,252	1,274	1,306
22	Construction.....	21,954	22,959	23,516	23,857	24,796	25,189	7,229	7,642	7,939	7,897	7,883	7,683
23	Manufacturing.....	134,846	134,348	133,727	135,276	136,456	135,566	28,467	28,712	28,797	28,790	29,415	29,602
24	Nondurable goods.....	37,034	37,289	37,573	38,264	38,940	38,990	10,649	10,880	10,869	11,006	11,454	11,570
25	Durable goods.....	97,812	97,059	96,154	97,012	97,516	96,576	17,818	17,832	17,929	17,784	17,961	18,032
26	Transportation and public utilities.....	28,218	27,719	28,661	29,264	29,584	30,034	10,058	10,197	10,162	10,352	10,578	10,782
27	Wholesale trade.....	27,884	28,099	28,411	28,651	29,386	29,789	10,425	10,501	10,621	10,705	10,795	11,063
28	Retail trade.....	39,752	40,112	40,990	41,327	42,101	42,977	11,710	11,774	12,096	12,244	12,378	12,685
29	Finance, insurance, and real estate.....	24,677	25,812	26,819	27,699	28,639	29,354	10,497	11,026	11,553	11,834	12,369	12,590
30	Services.....	89,194	90,895	92,393	93,740	95,807	97,762	30,218	30,756	31,316	31,745	32,276	32,969
31	Government and government enterprises.....	55,572	56,977	58,008	58,723	59,296	60,167	16,202	16,799	17,159	17,323	17,521	17,519
32	Federal, civilian.....	8,895	8,954	9,020	9,008	9,183	9,190	2,911	2,961	3,016	3,014	3,090	3,071
33	Military.....	2,409	2,405	2,433	2,448	2,504	2,485	1,033	1,015	1,051	1,051	1,052	1,027
34	State and local.....	44,268	45,618	46,554	47,268	47,609	48,492	12,259	12,823	13,092	13,258	13,380	13,420

See footnotes at end of table.

Sources, 1986:I-1987:II—Continued

adjusted at annual rates]

New Jersey				New York				Pennsylvania				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
138,581	140,625	143,226	145,245	147,422	149,872	296,305	301,549	306,990	311,535	316,254	321,333	166,219	168,525	170,768	172,055	175,019	178,564	1
138,327	140,313	142,913	144,962	147,115	149,489	295,750	300,812	306,198	310,896	315,523	320,476	165,369	167,476	169,430	171,070	173,845	177,126	2
254	312	312	282	307	383	555	737	792	699	731	858	850	1,049	1,338	985	1,174	1,438	3
92,570	94,110	96,460	98,463	100,139	101,901	221,952	225,596	230,285	234,512	238,561	242,671	115,451	117,385	119,378	120,537	123,170	126,151	4
6,023	6,095	6,218	6,330	6,519	6,607	15,141	15,278	15,510	15,725	16,182	16,398	7,695	7,802	7,889	7,975	8,227	8,393	5
10,323	10,438	10,560	10,639	10,787	10,975	-12,351	-12,429	-12,670	-12,751	-12,890	-13,104	11	14	55	111	97	40	6
96,910	98,453	100,803	102,772	104,407	106,269	194,461	197,389	202,104	206,036	209,489	213,169	107,766	109,598	111,543	112,673	115,041	117,798	7
25,173	25,628	25,656	25,698	25,950	26,327	52,954	54,140	54,380	54,621	55,121	55,753	28,643	28,881	28,732	28,671	28,920	29,285	8
16,498	16,544	16,767	16,775	17,064	17,276	48,890	49,520	50,506	50,878	51,644	52,411	29,810	30,047	30,492	30,712	31,059	31,481	9
658	585	583	503	540	488	1,155	1,142	1,193	1,149	1,131	1,079	1,148	1,098	1,087	1,114	1,031	1,004	10
15,840	15,959	16,184	16,272	16,524	16,788	47,735	48,378	49,313	49,730	50,514	51,332	28,662	28,948	29,405	29,598	30,027	30,477	11
76,895	78,039	79,931	81,701	82,979	84,262	184,283	186,606	190,278	193,733	196,409	199,509	92,969	94,269	95,477	96,762	98,549	100,610	12
7,455	7,537	7,728	7,830	7,913	8,042	16,441	16,578	16,869	17,043	17,213	17,491	9,844	9,968	10,111	10,186	10,324	10,566	13
8,221	8,534	8,801	8,931	9,247	9,598	21,229	22,412	23,137	23,736	24,940	25,671	12,637	13,149	13,790	13,589	14,297	14,975	14
186	244	243	213	238	313	306	488	541	445	476	602	621	821	1,108	753	942	1,205	15
8,035	8,290	8,557	8,718	9,009	9,285	20,923	21,923	22,597	23,291	24,463	25,069	12,016	12,328	12,682	12,836	13,355	13,770	16
254	312	312	282	307	383	555	737	792	699	731	858	850	1,049	1,338	985	1,174	1,438	17
92,316	93,798	96,148	98,180	99,832	101,518	221,398	224,859	229,493	233,813	237,831	241,814	114,601	116,336	118,040	119,552	121,996	124,713	18
79,783	81,053	83,156	84,894	86,354	87,811	189,091	191,663	195,741	198,757	202,512	205,795	99,628	101,091	102,878	104,100	106,184	108,650	19
340	345	362	364	374	358	662	678	698	695	704	680	405	414	420	430	447	431	20
371	352	349	364	388	406	910	871	898	898	927	999	1,785	1,675	1,640	1,743	1,746	21	
5,584	5,888	6,218	6,201	6,338	6,614	10,844	11,283	11,773	11,709	11,978	12,523	6,762	7,226	7,707	7,650	8,344	8,785	22
21,062	21,105	21,567	21,526	21,628	21,578	38,998	38,958	38,751	38,767	39,359	38,761	29,427	29,426	29,455	29,515	29,654	30,157	23
11,212	11,212	11,475	11,481	11,593	11,724	15,867	15,988	16,046	15,749	16,521	16,435	11,001	11,060	11,224	11,339	11,316	11,472	24
9,850	9,893	9,981	10,046	10,034	9,854	23,131	22,971	22,705	23,019	22,898	22,326	18,426	18,366	18,231	18,176	18,338	18,685	25
8,081	7,869	8,025	8,112	8,256	8,325	15,290	15,084	15,204	15,447	15,383	15,607	8,153	8,088	8,190	8,367	8,403	8,556	26
8,106	8,129	8,254	8,445	8,589	8,717	15,920	15,958	16,183	16,156	16,384	16,890	7,025	7,084	7,172	7,276	7,402	7,553	27
8,655	8,853	9,130	9,478	9,600	9,785	17,095	17,374	17,950	18,250	18,254	18,632	11,103	11,355	11,660	11,771	11,763	12,073	28
5,732	6,003	6,394	6,779	7,064	7,274	30,637	31,165	32,397	33,758	35,662	36,582	6,978	7,258	7,534	7,851	8,227	8,423	29
21,852	22,509	22,971	23,626	24,117	24,754	58,735	60,293	61,916	63,082	63,560	65,120	27,990	28,566	29,101	29,595	30,202	30,927	30
12,534	12,745	12,992	13,286	13,478	13,707	32,307	33,196	33,752	35,056	35,319	36,019	14,972	15,244	15,161	15,452	15,812	16,062	31
2,305	2,312	2,331	2,340	2,386	2,420	4,433	4,436	4,433	4,449	4,539	4,592	3,748	3,723	3,710	3,691	3,747	3,788	32
553	554	574	593	581	576	753	764	769	786	832	853	613	621	632	653	725	745	33
9,676	9,879	10,087	10,353	10,510	10,712	27,116	27,997	28,549	29,821	29,948	30,574	10,611	10,900	10,820	11,108	11,340	11,530	34
Indiana				Michigan				Ohio				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
70,693	72,737	72,406	73,341	75,354	76,005	132,784	135,395	135,382	136,889	138,309	139,615	147,278	149,174	150,493	152,286	155,220	156,844	1
70,173	70,798	71,655	72,488	73,880	74,846	132,340	134,422	134,705	136,266	137,447	138,883	146,711	147,856	149,655	151,452	154,062	155,829	2
520	1,940	751	853	1,474	1,159	444	973	677	624	862	732	567	1,318	838	834	1,158	1,015	3
51,674	53,449	52,951	53,805	55,731	56,156	98,551	100,778	100,306	101,705	102,872	103,388	107,350	108,650	109,610	111,337	113,944	114,901	4
3,075	3,084	3,113	3,148	3,273	3,307	6,512	6,601	6,551	6,618	6,770	6,754	7,447	7,447	7,512	7,597	7,844	7,891	5
796	758	768	770	777	784	448	444	459	466	484	495	-428	-433	-437	-477	-469	6	
49,335	51,124	50,606	51,427	53,235	53,633	92,488	94,621	94,214	95,553	96,586	97,130	99,475	100,770	101,660	103,233	105,622	106,541	7
11,436	11,561	11,542	11,625	11,744	12,029	20,289	20,540	20,489	20,483	20,678	20,481	23,772	23,749	23,760	23,953	24,224	24,224	8
9,921	10,052	10,258	10,371	10,494	10,629	20,008	20,234	20,678	20,853	21,044	21,536	24,322	24,633	25,084	25,243	25,645	26,079	9
195	186	195	220	187	161	688	706	831	868	772	963	748	768	761	725	699	687	10
9,727	9,867	10,062	10,152	10,306	10,468	19,320	19,528	19,847	19,985	20,272	20,573	23,574	23,864	24,323	24,518	24,946	25,391	11
42,277	42,474	43,004	43,635	44,675	45,205	82,097	83,468	83,161	84,352	85,058	85,450	89,173	89,462	90,606	91,998	93,848	94,637	12
4,512	4,543	4,602	4,659	4,735	4,795	9,715	9,893	9,874	9,996	10,010	10,014	9,208	9,250	9,367	9,522	9,615	9,678	13
4,885	6,432	5,345	5,511	6,321	6,155	6,739	7,417	7,271	7,357	7,805	7,923	8,969	9,939	9,636	9,817	10,481	10,586	14
344	1,764	574	673	1,293	978	254	784	485	430	668	537	392	1,144	662	656	979	835	15
4,541	4,668	4,772	4,838	5,028	5,178	6,485	6,633	6,786	6,928	7,137	7,387	8,577	8,795	8,975	9,161	9,502	9,751	16
520	1,940	751	853	1,474	1,159	444	973	677	624	862	732	567	1,318	838	834	1,158	1,015	17
51,154	51,510	52,200	52,952	54,257	54,997	98,108	99,805	99,629	101,081	102,010	102,656	106,783	107,332	108,772	110,503	112,786	113,886	18
44,614	44,865	45,448	46,002	47,212	47,872	85,473	86,559	86,385	87,842	88,718	88,877	93,195	93,694	94,485	96,274	98,146	99,051	19
152	160	162	166	175	169	265	2											

Table 2.—Personal Income by Major

(Millions of dollars, seasonally)

Line	Item	Wisconsin						Plains					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	65,072	66,645	66,874	67,606	69,012	69,885	237,215	251,570	245,276	249,647	259,431	256,233
2	Nonfarm personal income.....	63,731	64,461	64,960	65,866	66,938	67,731	231,511	234,041	236,571	238,522	242,540	245,003
3	Farm income (line 17) ¹	1,341	2,184	1,914	1,740	2,073	2,154	5,704	17,529	8,705	11,125	16,891	11,230
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	45,868	47,245	47,359	48,074	49,330	49,977	171,057	184,447	177,728	181,916	191,318	187,237
5	Less: Personal contributions for social insurance ²	2,922	2,948	2,962	3,013	3,135	3,164	11,123	11,183	11,279	11,344	11,729	11,792
6	Plus: Adjustment for residence ³	681	691	703	700	710	719	-1,830	-1,815	-1,832	-1,843	-1,905	-1,896
7	Equals: Net earnings by place of residence.....	43,627	44,988	45,100	45,761	46,904	47,532	158,104	171,449	164,616	168,728	177,684	173,549
8	Plus: Dividends, interest, and rent ⁴	11,337	11,504	11,477	11,486	11,597	11,728	44,481	45,080	44,968	45,002	45,382	45,795
9	Plus: Transfer payments.....	10,108	10,153	10,297	10,360	10,511	10,625	34,631	35,040	35,692	35,917	36,365	36,889
10	State unemployment insurance benefits.....	398	367	369	376	372	323	1,011	1,026	1,080	1,046	970	944
11	Transfers excluding State unemployment insurance benefits.....	9,710	9,787	9,928	9,984	10,139	10,302	33,619	34,014	34,611	34,871	35,396	35,945
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	36,909	37,273	37,527	38,291	38,956	39,406	134,619	135,523	137,049	138,310	141,092	142,221
13	Other labor income.....	3,746	3,794	3,836	3,885	3,952	4,006	13,061	13,181	13,377	13,435	13,612	13,753
14	Proprietors' income ⁵	5,213	6,178	5,995	5,898	6,422	6,565	23,377	35,743	27,301	30,171	36,614	31,263
15	Farm ⁶	1,042	1,885	1,612	1,435	1,767	1,846	4,525	16,353	7,521	9,935	15,698	10,032
16	Nonfarm.....	4,171	4,293	4,383	4,464	4,655	4,719	18,852	19,391	19,780	20,236	20,916	21,232
Earnings by industry													
17	Farm.....	1,341	2,184	1,914	1,740	2,073	2,154	5,704	17,529	8,705	11,125	16,891	11,230
18	Nonfarm.....	44,527	45,061	45,445	46,334	47,257	47,823	165,353	166,918	169,023	170,791	174,427	176,007
19	Private.....	37,920	38,410	38,878	39,352	40,459	40,914	139,036	140,372	142,160	143,434	146,493	147,708
20	Agricultural services, forestry, fisheries, and other ⁶	212	223	230	234	238	230	803	861	869	889	919	888
21	Mining.....	164	162	160	165	182	190	1,635	1,517	1,436	1,387	1,411	1,450
22	Construction.....	2,342	2,461	2,496	2,539	2,761	2,652	10,416	10,849	10,944	11,494	11,876	11,692
23	Manufacturing.....	14,155	14,149	14,286	14,371	14,778	14,953	36,189	36,153	36,741	36,502	36,998	37,092
24	Nondurable goods.....	5,204	5,216	5,325	5,405	5,401	5,511	14,170	14,298	14,551	14,411	14,653	14,714
25	Durable goods.....	8,951	8,934	8,961	8,966	9,376	9,442	22,019	21,855	22,191	22,090	22,345	22,378
26	Transportation and public utilities.....	2,839	2,904	2,882	2,914	2,923	2,950	14,496	14,502	14,512	14,661	14,533	14,685
27	Wholesale trade.....	2,588	2,619	2,662	2,670	2,774	2,791	12,266	12,284	12,419	12,444	12,881	12,939
28	Retail trade.....	4,310	4,366	4,448	4,496	4,532	4,618	16,970	17,089	17,410	17,490	17,680	17,903
29	Finance, insurance, and real estate.....	2,439	2,533	2,627	2,727	2,810	2,877	10,590	11,002	11,386	11,739	12,238	12,454
30	Services.....	8,872	8,994	9,088	9,236	9,461	9,651	35,670	36,116	36,442	36,829	37,956	38,606
31	Government and government enterprises.....	6,607	6,651	6,566	6,982	6,798	6,909	26,317	26,546	26,863	27,357	27,934	28,299
32	Federal, civilian.....	721	725	727	729	744	742	4,844	4,866	4,938	4,942	5,051	5,066
33	Military.....	205	209	211	212	222	225	2,038	2,052	2,092	2,105	2,149	2,160
34	State and local.....	5,681	5,717	5,629	6,041	5,832	5,943	19,435	19,628	19,834	20,311	20,734	21,074
Income by place of residence													
1	Total personal income (lines 4-9).....	68,597	69,701	70,202	70,925	72,598	72,942	20,775	23,732	21,441	21,880	23,739	23,193
2	Nonfarm personal income.....	67,980	68,683	69,482	70,261	71,553	72,101	19,727	19,982	20,160	20,265	20,740	20,831
3	Farm income (line 17) ¹	617	1,018	721	664	1,046	841	1,048	3,751	1,281	1,615	2,999	2,362
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	51,334	52,123	52,452	53,089	54,810	54,803	15,091	17,965	15,640	16,050	17,904	17,281
5	Less: Personal contributions for social insurance ²	3,185	3,196	3,224	3,252	3,380	3,380	998	1,007	1,015	1,016	1,072	1,070
6	Plus: Adjustment for residence ³	-2,565	-2,556	-2,573	-2,579	-2,718	-2,638	-279	-292	-284	-283	-296	-293
7	Equals: Net earnings by place of residence.....	45,584	46,370	46,655	47,258	48,712	48,736	13,814	16,677	14,342	14,751	16,536	15,918
8	Plus: Dividends, interest, and rent ⁴	12,858	13,012	12,993	12,993	13,098	13,240	3,997	4,069	4,067	4,081	4,117	4,140
9	Plus: Transfer payments.....	10,155	10,319	10,560	10,674	10,794	10,966	2,963	2,986	3,033	3,048	3,086	3,135
10	State unemployment insurance benefits.....	209	212	239	255	221	232	60	58	61	58	51	53
11	Transfers excluding State unemployment insurance benefits.....	9,946	10,107	10,320	10,419	10,573	10,735	2,903	2,928	2,972	2,990	3,035	3,082
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	41,379	41,593	42,062	42,576	43,654	43,735	11,395	11,488	11,590	11,637	11,988	12,006
13	Other labor income.....	4,086	4,118	4,175	4,214	4,284	4,294	1,023	1,036	1,050	1,046	1,077	1,081
14	Proprietors' income ⁵	5,869	6,413	6,215	6,299	6,873	6,774	2,673	5,441	3,000	3,367	4,839	4,194
15	Farm ⁶	457	858	560	508	884	679	847	3,551	1,080	1,413	2,796	2,158
16	Nonfarm.....	5,412	5,555	5,655	5,796	5,989	6,095	1,825	1,890	1,920	1,955	2,043	2,036
Earnings by industry													
17	Farm.....	617	1,018	721	664	1,046	841	1,048	3,751	1,281	1,615	2,999	2,362
18	Nonfarm.....	50,717	51,105	51,731	52,425	53,765	53,962	14,043	14,215	14,359	14,435	14,905	14,919
19	Private.....	43,724	44,048	44,566	45,131	46,285	46,454	11,319	11,470	11,554	11,564	12,050	12,042
20	Agricultural services, forestry, fisheries, and other ⁶	185	200	203	205	212	204	93	100	99	102	102	98
21	Mining.....	372	364	352	344	362	376	78	72	65	68	71	70
22	Construction.....	3,368	3,500	3,494	3,688	3,774	3,694	886	932	906	922	1,014	924
23	Manufacturing.....	11,933	11,891	12,036	11,947	12,108	11,933	2,108	2,119	2,198	2,124	2,227	2,209
24	Nondurable goods.....	4,588	4,631	4,716	4,670	4,754	4,765	1,055	1,064	1,063	1,051	1,113	1,098
25	Durable goods.....	7,346	7,259	7,320	7,277	7,354	7,169	1,053	1,054	1,135	1,072	1,114	1,111
26	Transportation and public utilities.....	4,798	4,776	4,768	4,955	4,892	4,969	1,577	1,567	1,539	1,554	1,550	1,561
27	Wholesale trade.....	3,568	3,560	3,570	3,607	3,877	3,884	1,072	1,069	1,087	1,070	1,118	1,121
28	Retail trade.....	5,122	5,122	5,241	5,259	5,333	5,433	1,477	1,503	1,521	1,538	1,541	1,566
29	Finance, insurance, and real estate.....	3,116	3,273	3,381	3,524	3,669	3,740	1,070	1,117	1,163	1,153	1,228	1,250
30	Services.....	11,262	11,362	11,520	11,603	12,059	12,220	2,959	2,991	2,978	3,034	3,200	3,242
31	Government and government enterprises.....	6,994	7,057	7,165	7,294	7,480	7,508	2,724	2,745	2,806	2,871	2,855	2,878
32	Federal, civilian.....	1,871	1,861	1,883	1,874	1,899	1,914	428	441	441	438	448	451
33	Military.....	476	481	496	501	494	501	369	372	377	381	394	396
34	State and local.....	4,647	4,715	4,786	4,920	5,087	5,094	1,927	1,942	1,988	2,052	2,012	2,031

See footnotes at end of table.

Sources, 1986:I-1987:II—Continued

(adjusted at annual rates)

Iowa				Kansas				Minnesota				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
36,465	39,830	38,062	37,855	42,066	39,276	34,608	36,211	36,114	37,283	37,241	37,458	61,277	64,141	63,307	64,013	65,897	65,787	1
34,809	35,106	35,405	35,501	36,306	36,714	34,005	34,300	34,622	35,171	35,298	35,690	60,099	60,875	61,628	61,974	63,082	63,928	2
1,656	4,724	2,657	2,354	5,760	2,563	604	1,911	1,492	2,062	1,943	1,768	1,178	3,265	1,679	2,039	2,865	1,859	3
24,621	27,872	26,051	25,815	29,975	27,077	23,723	25,192	25,044	26,199	25,996	26,119	45,845	48,494	47,589	48,247	50,011	49,705	4
1,531	1,597	1,548	1,545	1,617	1,632	1,502	1,505	1,516	1,547	1,547	1,559	3,217	3,244	3,278	3,283	3,391	3,428	5
204	212	218	224	223	219	1,163	1,169	1,180	1,159	1,256	1,241	-194	-200	-210	-207	-210	-213	6
23,295	26,547	24,721	24,494	28,582	25,664	23,384	24,856	24,708	25,810	25,706	25,801	42,434	45,050	44,101	44,757	46,410	46,063	7
7,547	7,626	7,601	7,604	7,659	7,710	6,480	6,554	6,515	6,510	6,588	6,625	10,357	10,518	10,502	10,514	10,614	10,734	8
5,624	5,657	5,740	5,757	5,825	5,902	4,744	4,801	4,891	4,913	4,967	5,033	8,486	8,573	8,704	8,743	8,872	8,980	9
183	173	179	165	152	144	150	160	178	169	180	158	347	355	352	336	331	308	10
5,441	5,484	5,561	5,592	5,673	5,758	4,594	4,641	4,712	4,743	4,807	4,875	8,139	8,218	8,352	8,407	8,541	8,681	11
18,121	18,209	18,363	18,380	18,967	19,194	18,666	18,743	18,937	19,391	19,272	19,503	37,187	37,587	38,112	38,307	39,028	39,560	12
1,773	1,789	1,814	1,800	1,859	1,894	1,821	1,831	1,859	1,912	1,867	1,895	3,691	3,734	3,797	3,783	3,836	3,894	13
4,727	7,874	5,874	5,636	5,989	5,989	3,237	4,619	4,248	4,896	4,857	4,722	4,968	7,173	5,679	6,158	7,148	6,250	14
1,376	4,444	2,375	2,071	5,476	2,277	437	1,744	1,324	1,892	1,773	1,598	952	3,040	1,452	1,811	2,637	1,730	15
3,351	3,430	3,499	3,565	3,673	3,712	2,500	2,875	2,924	3,004	3,084	3,124	4,016	4,133	4,227	4,347	4,512	4,621	16
1,656	4,724	2,657	2,354	5,760	2,563	604	1,911	1,492	2,062	1,943	1,768	1,178	3,265	1,679	2,039	2,865	1,859	17
22,965	23,148	23,394	23,461	24,215	24,514	23,120	23,281	23,552	24,137	24,053	24,351	44,667	45,229	45,910	46,208	47,146	47,845	18
19,200	19,369	19,574	19,558	20,195	20,431	18,957	19,068	19,312	19,849	19,668	19,876	38,223	38,715	39,343	39,505	40,326	40,891	19
173	186	194	197	206	199	100	107	106	109	116	112	184	196	193	200	206	200	20
102	100	101	101	111	113	471	397	348	340	352	367	345	337	336	304	306	304	21
1,216	1,245	1,279	1,319	1,355	1,303	1,484	1,551	1,664	1,600	1,655	1,601	2,841	2,950	2,992	3,198	3,366	3,444	22
5,507	5,509	5,543	5,289	5,714	5,932	4,749	4,735	4,872	5,109	4,763	4,821	11,001	11,002	11,163	11,111	11,236	11,292	23
2,101	2,104	2,155	2,132	2,226	2,270	1,779	1,812	1,810	1,800	1,828	1,858	4,198	4,259	4,343	4,306	4,266	4,217	24
3,406	3,405	3,388	3,157	3,488	3,662	2,971	2,940	3,060	3,310	2,935	2,962	6,803	6,744	6,817	6,806	6,970	6,975	25
1,668	1,667	1,675	1,700	1,683	1,683	2,099	2,090	2,092	2,177	2,102	2,130	3,386	3,432	3,477	3,311	3,339	3,368	26
1,700	1,709	1,713	1,739	1,774	1,769	1,721	1,732	1,760	1,737	1,768	1,781	3,397	3,408	3,486	3,478	3,521	3,556	27
2,390	2,406	2,450	2,473	2,478	2,459	2,341	2,365	2,379	2,396	2,426	2,452	4,478	4,524	4,623	4,643	4,700	4,772	28
1,468	1,513	1,561	1,606	1,645	1,662	1,305	1,300	1,424	1,453	1,529	1,562	3,057	3,142	3,242	3,279	3,313	3,378	29
4,975	5,034	5,059	5,136	5,229	5,311	4,687	4,740	4,781	4,863	4,958	5,050	9,535	9,723	9,832	9,879	10,137	10,376	30
3,766	3,779	3,820	3,903	4,020	4,083	4,163	4,213	4,240	4,289	4,385	4,475	6,444	6,514	6,567	6,621	6,653	6,694	31
509	522	536	549	578	571	636	706	708	710	726	870	870	870	885	881	886	895	32
68	70	72	74	76	76	615	618	623	616	630	634	122	126	131	134	137	138	33
3,189	3,187	3,213	3,250	3,366	3,436	2,852	2,889	2,909	2,963	3,029	3,115	5,453	5,518	5,551	5,689	5,787	5,922	34

North Dakota				South Dakota				Southeast				Line						
1986		1987		1986		1987		1986		1987								
I'	II'	III'	IV'	I'	II'	I'	II'	I'	II'	III'	IV'		I'	II'				
7,737	9,076	7,925	9,144	8,973	8,813	7,757	8,879	8,225	8,597	8,918	8,763	713,688	722,968	731,990	739,645	755,534	767,726	1
7,573	7,664	7,717	7,731	7,867	7,957	7,319	7,430	7,557	7,619	7,745	7,783	704,678	712,976	722,100	730,679	744,395	755,305	2
164	1,412	208	1,414	1,106	855	438	1,449	668	977	1,172	981	9,010	9,992	9,890	8,966	11,139	12,421	3
5,227	6,498	5,311	6,514	6,320	6,141	5,215	6,304	5,641	6,003	6,301	6,111	507,112	513,602	521,425	528,871	542,821	552,008	4
345	345	345	344	356	360	345	348	355	358	366	362	29,799	29,974	30,270	30,638	31,734	32,124	5
-175	-173	-171	-169	-173	-176	16	15	13	12	12	12	2,982	2,984	2,907	2,945	2,984	2,984	6
4,706	5,979	4,795	6,001	5,792	5,605	4,887	5,971	5,300	5,657	5,947	5,762	480,295	486,562	494,062	501,173	514,051	522,877	7
1,636	1,728	1,721	1,727	1,746	1,751	1,548	1,571	1,570	1,574	1,586	1,595	120,491	122,223	121,777	121,721	123,026	124,770	8
1,336	1,369	1,409	1,417	1,435	1,437	1,323	1,337	1,356	1,366	1,385	1,406	112,902	114,182	116,151	116,746	118,457	120,078	9
46	52	57	48	40	35	17	17	15	15	14	14	2,486	2,732	2,903	2,769	2,622	2,308	10
1,290	1,317	1,353	1,369	1,395	1,422	1,306	1,320	1,341	1,350	1,371	1,392	110,416	111,450	113,248	113,977	115,835	117,770	11
4,160	4,152	4,151	4,145	4,238	4,289	3,711	3,752	3,884	3,875	3,946	3,935	414,358	418,224	424,226	431,218	440,986	447,095	12
337	337	336	334	340	347	330	336	346	346	350	347	38,642	39,024	39,680	40,185	40,826	41,496	13
730	2,008	824	2,035	1,742	1,505	1,174	2,215	1,462	1,781	2,006	1,828	54,113	56,354	57,519	57,469	61,009	63,417	14
93	1,342	138	1,343	1,036	785	363	1,374	593	902	1,097	905	7,120	8,109	7,987	7,042	9,210	10,483	15
636	667	686	692	707	720	811	841	869	879	909	923	46,992	48,245	49,532	50,427	51,799	52,934	16
164	1,412	208	1,414	1,106	855	438	1,449	668	977	1,172	981	9,010	9,992	9,890	8,966	11,139	12,421	17
5,063	5,086	5,104	5,100	5,214	5,285	4,777	4,855	4,973	5,026	5,129	5,130	498,103	503,610	511,535	519,905	531,682	539,587	18
3,870	3,887	3,895	3,879	3,958	4,023	3,743	3,814	3,917	3,950	4,010	3,992	406,723	411,294	417,815	424,879	434,266	440,871	19
30	31	32	32	31	30	39	41	42	42	45	43	2,739	2,695	2,849	2,810	2,873	2,777	20
183	155	138	133	122	131	83	92	97	97	88	88	9,980	9,168	8,680	8,847	8,899	9,015	21
335	363	385	371	365	376	286	286	288	288	348	350							

Table 2.—Personal Income by Major

(Millions of dollars, seasonally)

Line	Item	Alabama						Arkansas					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	45,386	45,614	46,276	46,483	47,516	48,046	26,230	25,999	26,219	26,623	27,247	27,229
2	Nonfarm personal income.....	44,600	44,938	45,488	45,748	46,577	47,171	24,791	25,062	25,219	25,631	25,653	26,010
3	Farm income (line 17) ¹	785	676	788	735	940	875	1,439	937	1,000	992	1,594	1,219
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	33,014	33,088	33,672	33,831	34,761	35,125	18,337	18,044	18,220	18,654	19,174	19,052
5	Less: Personal contributions for social insurance ²	2,029	2,002	1,997	1,986	2,056	2,073	1,150	1,158	1,156	1,183	1,199	1,217
6	Plus: Adjustment for residence ³	581	587	595	609	621	625	-12	-18	-19	-29	-16	-20
7	Equals: Net earnings by place of residence.....	31,567	31,673	32,270	32,454	33,326	33,677	17,174	16,868	17,044	17,442	17,958	17,815
8	Plus: Dividends, interest, and rent ⁴	5,932	5,993	5,966	5,955	6,008	6,086	4,137	4,172	4,140	4,128	4,165	4,212
9	Plus: Transfer payments.....	7,887	7,948	8,040	8,074	8,182	8,284	4,919	4,959	5,033	5,053	5,124	5,202
10	State unemployment insurance benefits.....	192	210	208	207	199	178	127	138	150	147	146	149
11	Transfers excluding State unemployment insurance benefits.....	7,695	7,738	7,833	7,867	7,984	8,106	4,792	4,822	4,883	4,906	4,978	5,053
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	26,752	26,851	27,202	27,358	27,958	28,287	13,613	13,751	13,772	14,153	14,088	14,278
13	Other labor income.....	2,595	2,602	2,647	2,653	2,692	2,727	1,382	1,397	1,407	1,441	1,423	1,448
14	Proprietors' income ⁵	3,668	3,636	3,823	3,820	4,110	4,112	3,342	2,896	3,042	3,061	3,662	3,326
15	Farm ⁶	695	586	697	643	847	783	1,271	770	832	821	1,423	1,048
16	Nonfarm.....	2,973	3,050	3,125	3,177	3,263	3,329	2,071	2,126	2,210	2,239	2,239	2,278
Earnings by industry													
17	Farm.....	785	676	788	735	940	875	1,439	937	1,000	992	1,594	1,219
18	Nonfarm.....	32,229	32,413	32,884	33,096	33,821	34,250	16,898	17,108	17,220	17,662	17,580	17,832
19	Private.....	25,601	25,725	26,179	26,443	27,008	27,319	14,045	14,212	14,422	14,675	14,664	14,908
20	Agricultural services, forestry, fisheries, and other ⁶	162	155	149	146	157	153	90	97	98	97	102	100
21	Mining.....	570	520	518	528	517	505	166	139	133	130	135	139
22	Construction.....	1,855	1,894	1,931	1,927	1,906	1,117	1,132	1,219	1,218	1,218	1,076	1,071
23	Manufacturing.....	8,132	8,082	8,236	8,337	8,360	8,410	4,305	4,319	4,401	4,503	4,499	4,570
24	Nondurable goods.....	3,785	3,780	3,911	4,040	3,979	4,018	1,949	1,961	2,022	2,084	2,038	2,094
25	Durable goods.....	4,348	4,302	4,325	4,297	4,382	4,392	2,355	2,358	2,379	2,419	2,460	2,476
26	Transportation and public utilities.....	2,248	2,239	2,276	2,285	2,372	2,413	1,456	1,475	1,507	1,560	1,541	1,570
27	Wholesale trade.....	1,844	1,848	1,867	1,871	1,894	1,906	921	908	916	910	933	940
28	Retail trade.....	3,131	3,184	3,248	3,256	3,290	3,346	1,932	1,960	1,994	2,005	2,018	2,074
29	Finance, insurance, and real estate.....	1,549	1,602	1,668	1,670	1,756	1,794	897	956	923	937	975	992
30	Services.....	6,110	6,201	6,287	6,417	6,738	6,885	3,162	3,226	3,231	3,316	3,385	3,454
31	Government and government enterprises.....	6,628	6,688	6,705	6,653	6,813	6,930	2,853	2,895	2,799	2,987	2,916	2,924
32	Federal, civilian.....	1,773	1,781	1,795	1,788	1,855	1,907	539	540	546	549	558	558
33	Military.....	779	779	767	766	793	804	278	280	284	285	291	294
34	State and local.....	4,076	4,128	4,143	4,100	4,165	4,220	2,036	2,076	1,968	2,153	2,066	2,072

Line	Item	Louisiana						Mississippi					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	50,891	50,601	50,240	49,797	50,142	50,173	25,383	25,468	25,615	25,550	26,505	26,478
2	Nonfarm personal income.....	50,447	50,236	49,917	49,527	49,614	49,867	24,732	24,922	25,220	25,206	25,640	25,940
3	Farm income (line 17) ¹	443	365	323	270	528	305	651	547	394	344	865	539
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	37,009	36,397	35,809	35,350	35,612	35,637	17,592	17,577	17,655	17,539	18,440	18,314
5	Less: Personal contributions for social insurance ²	2,170	2,137	2,096	2,066	2,084	2,092	1,013	1,011	1,019	1,009	1,044	1,054
6	Plus: Adjustment for residence ³	-309	-395	-284	-274	-264	-264	524	523	526	536	543	547
7	Equals: Net earnings by place of residence.....	34,528	33,965	33,429	33,009	33,264	33,269	17,103	17,088	17,163	17,065	17,939	17,807
8	Plus: Dividends, interest, and rent ⁴	7,975	8,005	7,384	7,842	7,926	7,994	3,376	3,417	3,402	3,400	3,430	3,467
9	Plus: Transfer payments.....	3,386	3,630	3,927	3,946	3,952	3,897	4,905	4,963	5,050	5,085	5,136	5,204
10	State unemployment insurance benefits.....	472	631	782	742	599	389	113	131	148	155	133	126
11	Transfers excluding State unemployment insurance benefits.....	7,914	7,999	8,144	8,203	8,353	8,509	4,792	4,832	4,902	4,930	5,003	5,078
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	29,817	29,290	28,712	28,347	28,293	28,443	13,792	13,806	13,953	13,874	14,177	14,315
13	Other labor income.....	3,063	3,025	2,993	2,945	2,918	2,944	1,324	1,333	1,356	1,350	1,374	1,392
14	Proprietors' income ⁵	4,128	4,082	4,104	4,058	4,400	4,250	2,475	2,438	2,346	2,315	2,889	2,607
15	Farm ⁶	328	249	206	152	410	186	515	412	258	206	726	400
16	Nonfarm.....	3,800	3,833	3,898	3,906	3,990	4,063	1,960	2,026	2,088	2,109	2,163	2,207
Earnings by industry													
17	Farm.....	443	365	323	270	528	305	651	547	394	344	865	539
18	Nonfarm.....	36,565	36,032	35,486	35,080	35,083	35,331	16,941	17,030	17,261	17,194	17,575	17,775
19	Private.....	30,267	29,600	29,302	28,760	28,701	28,921	13,412	13,504	13,665	13,652	13,944	14,121
20	Agricultural services, forestry, fisheries, and other ⁶	195	191	187	165	179	175	101	108	110	94	106	103
21	Mining.....	2,697	2,349	2,182	2,059	2,033	2,101	249	204	188	177	177	184
22	Construction.....	2,816	2,685	2,753	2,563	2,480	2,462	893	919	958	908	900	919
23	Manufacturing.....	5,118	5,065	5,037	5,005	4,931	4,988	4,454	4,442	4,494	4,523	4,592	4,628
24	Nondurable goods.....	3,129	3,134	3,119	3,149	3,094	3,115	1,756	1,750	1,756	1,812	1,770	1,788
25	Durable goods.....	1,989	1,932	1,919	1,856	1,837	1,873	2,698	2,692	2,738	2,711	2,821	2,840
26	Transportation and public utilities.....	3,329	3,243	3,185	3,157	3,193	3,204	1,152	1,161	1,183	1,204	1,252	1,261
27	Wholesale trade.....	2,183	2,146	2,084	2,020	1,995	1,997	884	886	879	874	893	894
28	Retail trade.....	3,783	3,740	3,735	3,657	3,622	3,627	1,874	1,886	1,901	1,883	1,932	1,967
29	Finance, insurance, and real estate.....	1,971	2,039	2,059	2,033	2,083	2,101	803	846	867	883	933	955
30	Services.....	8,176	8,149	8,081	8,101	8,180	8,265	3,001	3,053	3,085	3,105	3,159	3,210
31	Government and government enterprises.....	6,298	6,432	6,184	6,320	6,382	6,411	3,529	3,525	3,596	3,543	3,631	3,654
32	Federal, civilian.....	922	930	930	929	953	956	688	690	693	693	714	713
33	Military.....	653	648	646	646	696	696	535	537	538	533	538	536
34	State and local.....	4,723	4,854	4,608	4,729	4,732	4,760	2,306	2,299	2,365	2,316	2,379	2,406

See footnotes at end of table.

Sources, 1986:I-1987:II—Continued

adjusted at annual rates]

Florida				Georgia				Kentucky				Line						
1986		1987		1986		1987		1986		1987								
I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p													
166,697	170,048	172,595	174,580	178,467	183,376	80,286	81,337	82,676	84,012	85,750	86,862	41,037	41,825	42,299	42,448	43,322	44,099	1
164,855	167,516	170,058	172,374	176,184	179,698	79,216	80,153	81,448	82,814	84,415	85,451	40,518	40,841	41,364	41,714	42,544	43,071	2
1,841	2,531	2,537	2,206	2,282	3,678	1,070	1,184	1,228	1,198	1,335	1,412	519	984	935	733	779	1,028	3
104,014	106,462	108,771	110,662	113,805	117,715	62,657	63,447	64,707	66,077	67,625	68,411	29,045	29,697	30,108	30,232	31,061	31,667	4
5,876	5,946	6,048	6,147	6,395	6,525	3,566	3,592	3,646	3,714	3,848	3,877	1,648	1,651	1,671	1,683	1,757	1,772	5
-56	-61	-65	-68	-77	-86	-233	-232	-237	-250	-252	-249	8	6	1	15	-1	-4	6
98,082	100,455	102,659	104,447	107,334	111,103	58,858	59,623	60,825	62,113	63,525	64,285	27,405	28,052	28,438	28,564	29,303	29,891	7
41,308	42,002	41,881	41,894	42,399	43,052	11,028	11,218	11,192	11,195	11,322	11,501	6,324	6,383	6,356	6,347	6,397	6,469	8
27,306	27,590	28,055	28,240	28,734	29,221	10,401	10,496	10,658	10,704	10,903	11,076	7,308	7,391	7,504	7,536	7,622	7,740	9
341	342	326	312	320	301	204	227	243	233	258	250	191	199	195	177	153	154	10
26,964	27,248	27,729	27,927	28,414	28,920	10,197	10,268	10,415	10,471	10,645	10,826	7,117	7,191	7,309	7,359	7,470	7,585	11
85,499	86,832	88,728	90,569	93,170	95,211	51,898	52,394	53,350	54,547	55,769	56,316	22,877	22,983	23,332	23,590	24,192	24,448	12
7,640	7,769	7,936	8,066	8,252	8,451	4,802	4,852	4,947	5,049	5,126	5,195	2,398	2,413	2,452	2,471	2,528	2,565	13
10,876	11,861	12,108	12,027	12,384	14,052	5,957	6,201	6,410	6,482	6,730	6,900	3,770	4,302	4,324	4,171	4,341	4,653	14
1,384	2,027	2,025	1,688	1,763	3,156	922	1,036	1,079	1,049	1,186	1,261	361	826	775	571	615	865	15
9,542	9,834	10,082	10,339	10,621	10,896	5,036	5,164	5,331	5,434	5,545	5,639	3,409	3,476	3,550	3,600	3,726	3,789	16
1,841	2,531	2,537	2,206	2,282	3,678	1,070	1,184	1,228	1,198	1,335	1,412	519	984	935	733	779	1,028	17
102,173	103,930	106,234	108,456	111,523	114,037	61,588	62,263	63,480	64,580	66,290	66,999	28,526	28,713	29,173	29,499	30,283	30,639	18
85,645	87,353	89,950	90,997	93,371	95,493	51,281	51,847	52,862	54,088	55,241	55,804	23,622	23,808	24,103	24,353	25,091	25,378	19
929	932	938	933	961	932	263	273	269	277	282	271	157	161	169	166	171	164	20
831	817	818	818	850	898	325	324	326	342	347	354	1,790	1,705	1,687	1,673	1,732	1,741	21
8,391	8,690	8,801	9,099	8,774	8,895	4,385	4,382	4,562	4,609	4,390	4,234	1,707	1,762	1,789	1,791	1,876	1,809	22
12,486	12,582	12,769	12,960	13,177	13,332	12,882	12,855	12,966	13,356	13,246	13,494	6,644	6,679	6,699	6,841	7,032	7,191	23
4,400	4,409	4,520	4,628	4,606	4,650	7,073	7,096	7,176	7,413	7,357	7,530	2,745	2,780	2,821	2,854	2,895	2,955	24
8,085	8,173	8,248	8,332	8,571	8,682	5,809	5,763	5,791	5,943	5,889	5,963	3,899	3,899	3,878	3,988	4,137	4,236	25
7,618	7,703	7,757	7,843	8,163	8,334	5,673	5,735	5,735	5,757	5,886	6,159	2,138	2,145	2,180	2,195	2,249	2,284	26
6,478	6,548	6,618	6,767	7,089	7,209	5,707	5,731	5,816	5,921	6,196	6,233	1,487	1,496	1,497	1,507	1,549	1,538	27
13,114	13,400	13,732	14,011	14,331	14,770	6,373	6,473	6,692	6,659	6,933	7,005	3,067	3,113	3,198	3,231	3,287	3,309	28
8,254	8,598	8,783	9,146	9,755	10,019	3,906	4,072	4,256	4,443	4,622	4,667	1,325	1,360	1,421	1,441	1,472	1,487	29
27,508	28,030	28,687	29,371	30,270	31,103	11,767	11,999	12,218	12,595	13,065	13,282	5,308	5,387	5,463	5,502	5,722	5,854	30
16,528	16,578	17,284	17,459	18,152	18,544	10,306	10,416	10,613	10,792	11,049	11,195	4,903	4,906	5,070	5,147	5,192	5,261	31
2,900	2,910	2,944	2,978	3,056	3,115	2,503	2,483	2,478	2,479	2,531	2,548	989	984	986	992	993	1,002	32
2,371	2,408	2,428	2,429	2,505	2,516	1,472	1,476	1,484	1,483	1,494	1,495	784	776	781	800	803	800	33
11,257	11,260	11,912	12,052	12,591	12,913	6,332	6,457	6,659	6,830	7,023	7,153	3,130	3,145	3,303	3,365	3,395	3,459	34
North Carolina				South Carolina				Tennessee				Line						
1986		1987		1986		1987		1986		1987								
I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p													
76,730	78,298	79,525	80,499	82,290	84,268	37,438	37,953	38,354	38,869	39,435	40,051	56,290	57,164	58,185	58,939	60,572	61,372	1
75,585	76,834	78,128	79,136	80,884	82,507	37,263	37,757	38,188	38,702	39,217	39,826	55,700	56,531	57,536	58,408	59,860	60,574	2
1,145	1,464	1,397	1,363	1,406	1,761	175	196	166	167	218	225	590	633	649	531	712	798	3
58,993	60,323	61,454	62,400	64,039	65,782	27,795	28,217	28,560	29,065	29,503	29,972	42,914	43,590	44,495	45,252	46,826	47,396	4
3,677	3,723	3,778	3,826	3,883	4,062	1,685	1,702	1,716	1,740	1,784	1,809	2,650	2,680	2,722	2,768	2,890	2,914	5
-56	-60	-64	-61	-66	-77	-513	-520	-532	-543	-563	-573	-711	-728	-746	-805	-809	-809	6
55,260	56,540	57,613	58,514	59,990	61,643	26,623	27,035	27,367	27,869	28,282	28,736	39,553	40,182	41,027	41,712	43,131	43,674	7
10,670	10,853	10,836	10,842	10,964	11,136	4,985	5,047	5,021	5,011	5,068	5,150	7,820	7,951	7,954	7,966	8,036	8,138	8
10,800	10,906	11,077	11,144	11,336	11,488	5,831	5,871	5,957	5,989	6,085	6,165	8,918	9,031	9,204	9,261	9,404	9,560	9
241	244	238	233	245	209	127	117	114	109	110	91	190	192	198	181	179	183	10
10,560	10,662	10,839	10,911	11,091	11,279	5,704	5,754	5,844	5,880	5,975	6,074	8,728	8,839	9,007	9,080	9,225	9,377	11
48,497	49,266	50,200	51,048	52,339	53,485	23,401	23,705	24,003	24,435	24,749	25,111	34,404	34,856	35,499	36,225	37,338	37,687	12
4,393	4,469	4,567	4,630	4,731	4,847	2,094	2,125	2,158	2,189	2,200	2,241	3,291	3,343	3,424	3,478	3,566	3,601	13
6,104	6,588	6,687	6,723	6,919	7,450	2,301	2,388	2,400	2,442	2,553	2,620	5,219	5,392	5,572	5,549	5,922	6,108	14
909	1,229	1,159	1,124	1,166	1,520	98	119	88	89	140	147	486	529	543	424	605	690	15
5,195	5,360	5,527	5,599	5,753	5,930	2,203	2,268	2,312	2,352	2,413	2,473	4,733	4,863	5,023	5,125	5,317	5,418	16
1,145	1,464	1,397	1,363	1,406	1,761	175	196	166	167	218	225	590	633	649	531	712	798	17
57,848	58,859	60,057	61,038	62,633	64,021	27,620	28,021	28,394	28,898	29,285	29,747	42,323	42,957	43,846	44,721	46,113	46,599	18
47,952	48,829	49,843	50,676	52,033	53,222	21,721	22,041	22,379	22,737	23,019	23,414	35,934	36,448	37,178	37,951	39,103	39,537	19
277	281	293	284	295	284	131	135	138	139	142	138	148	153	159	166	161	161	20
247	243	242	246	271	273	92	89	87										

Table 2.—Personal Income by Major

(Millions of dollars, seasonally)

Line	Item	Virginia				West Virginia							
		1986		1987		1986		1987					
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p				
Income by place of residence													
1	Total personal income (lines 4-9).....	87,153	88,464	89,724	91,337	93,610	94,845	20,169	20,197	20,285	20,508	20,678	20,927
2	Nonfarm personal income.....	86,858	88,066	89,340	90,972	93,204	94,358	20,112	20,119	20,196	20,446	20,604	20,833
3	Farm income (line 17) ¹	295	398	384	364	406	486	57	78	89	62	74	94
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	62,127	63,240	64,447	66,064	68,179	68,990	13,616	13,520	13,525	13,744	13,798	13,948
5	Less: Personal contributions for social insurance ²	3,501	3,549	3,606	3,686	3,858	3,886	833	823	818	830	835	843
6	Plus: Adjustment for residence ³	2,968	2,896	2,860	2,884	2,881	2,925	-234	-204	-191	-188	-164	-168
7	Equals: Net earnings by place of residence.....	61,594	62,587	63,701	65,262	67,202	68,029	12,548	12,493	12,516	12,726	12,798	12,937
8	Plus: Dividends, interest, and rent ⁴	13,923	14,156	14,140	14,147	14,295	14,514	3,015	3,027	3,006	2,994	3,016	3,052
9	Plus: Transfer payments.....	11,636	11,721	11,888	12,114	12,303	12,303	4,606	4,676	4,763	4,788	4,863	4,938
10	State unemployment insurance benefits.....	127	185	140	126	128	125	161	166	163	146	151	153
11	Transfers excluding State unemployment insurance benefits.....	11,509	11,586	11,743	11,802	11,986	12,178	4,445	4,510	4,600	4,642	4,712	4,785
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	52,680	53,481	54,489	55,889	57,664	58,223	11,128	11,011	10,986	11,185	11,199	11,293
13	Other labor income.....	4,435	4,495	4,590	4,689	4,806	4,861	1,227	1,203	1,203	1,223	1,210	1,222
14	Proprietors' income ⁵	5,012	5,265	5,368	5,486	5,708	5,906	1,261	1,306	1,336	1,385	1,389	1,433
15	Farm ⁶	165	269	254	234	275	355	36	57	68	41	53	72
16	Nonfarm.....	4,847	4,996	5,114	5,252	5,433	5,551	1,225	1,249	1,268	1,294	1,336	1,361
Earnings by industry													
17	Farm.....	295	398	384	364	406	486	57	78	89	62	74	94
18	Nonfarm.....	61,832	62,842	64,063	65,700	67,772	68,503	13,559	13,442	13,436	13,682	13,723	13,854
19	Private.....	46,022	46,878	47,839	49,267	50,846	51,381	11,220	11,049	11,092	11,281	11,245	11,374
20	Agricultural services, forestry, fisheries, and other ⁶	255	267	271	273	276	265	31	30	30	28	33	32
21	Mining.....	856	821	799	820	832	833	1,817	1,661	1,627	1,674	1,609	1,577
22	Construction.....	4,486	4,759	4,834	5,121	5,315	5,264	653	676	672	701	726	708
23	Manufacturing.....	10,367	10,370	10,522	10,657	10,896	10,979	2,556	2,495	2,507	2,542	2,520	2,606
24	Nondurable goods.....	5,166	5,146	5,255	5,378	5,373	5,543	1,105	1,111	1,113	1,110	1,100	1,158
25	Durable goods.....	5,201	5,225	5,267	5,279	5,523	5,436	1,451	1,384	1,394	1,432	1,420	1,448
26	Transportation and public utilities.....	4,467	4,459	4,560	4,688	4,713	4,754	1,201	1,194	1,190	1,210	1,206	1,209
27	Wholesale trade.....	3,287	3,334	3,425	3,505	3,560	3,587	678	675	669	673	666	666
28	Retail trade.....	5,978	6,087	6,219	6,406	6,422	6,607	1,327	1,342	1,360	1,357	1,372	1,405
29	Finance, insurance, and real estate.....	3,078	3,214	3,358	3,507	3,822	3,918	494	507	525	531	539	544
30	Services.....	13,248	13,566	13,853	14,291	15,010	15,173	2,463	2,469	2,511	2,565	2,573	2,627
31	Government and government enterprises.....	15,811	15,964	16,224	16,433	16,926	17,123	2,339	2,393	2,344	2,401	2,478	2,480
32	Federal, civilian.....	5,207	5,191	5,247	5,235	5,297	5,329	397	402	406	405	419	422
33	Military.....	4,814	4,876	4,829	4,408	4,615	4,663	47	48	49	50	51	52
34	State and local.....	6,289	6,398	6,648	6,795	7,013	7,131	1,895	1,943	1,890	1,946	2,008	2,007

Line	Item	Oklahoma				Texas							
		1986		1987		1986		1987					
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p				
Income by place of residence													
1	Total personal income (lines 4-9).....	40,654	41,024	40,200	40,502	40,631	41,098	226,974	226,125	224,773	221,636	228,365	230,504
2	Nonfarm personal income.....	40,115	39,941	39,541	39,306	39,597	40,120	223,936	223,188	222,538	219,685	224,428	226,999
3	Farm income (line 17) ¹	539	1,083	659	1,196	1,034	978	3,039	2,936	2,236	1,951	3,937	3,505
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	28,728	28,880	27,959	28,275	28,306	28,656	174,837	172,971	171,413	168,029	174,322	175,685
5	Less: Personal contributions for social insurance ²	1,807	1,772	1,725	1,699	1,732	1,747	9,865	9,733	9,637	9,410	9,693	9,752
6	Plus: Adjustment for residence ³	253	258	265	272	273	276	-498	-481	-470	-446	-465	-468
7	Equals: Net earnings by place of residence.....	27,174	27,366	26,499	26,848	26,847	27,185	164,474	162,758	161,305	158,173	164,164	165,464
8	Plus: Dividends, interest, and rent ⁴	7,004	7,071	6,981	6,963	7,044	7,096	35,933	36,259	35,779	35,623	36,036	36,443
9	Plus: Transfer payments.....	6,476	6,537	6,391	6,591	6,740	6,817	26,517	27,108	27,639	27,839	28,165	28,597
10	State unemployment insurance benefits.....	188	249	291	226	176	151	860	1,232	1,391	1,378	1,225	1,160
11	Transfers excluding State unemployment insurance benefits.....	6,288	6,337	6,429	6,465	6,563	6,667	25,657	25,877	26,299	26,462	26,941	27,437
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	22,356	21,977	21,472	21,229	21,376	21,661	140,011	138,168	137,031	134,149	137,771	139,102
13	Other labor income.....	2,223	2,194	2,159	2,136	2,127	2,162	13,400	13,296	13,264	13,004	13,215	13,394
14	Proprietors' income ⁵	4,149	4,710	4,329	4,910	4,803	4,833	21,426	21,508	21,118	20,877	23,336	23,189
15	Farm ⁶	438	981	557	1,092	930	874	2,562	2,461	1,756	1,467	3,452	3,017
16	Nonfarm.....	3,711	3,728	3,772	3,817	3,873	3,959	18,864	19,047	19,362	19,410	19,885	20,172
Earnings by industry													
17	Farm.....	539	1,083	659	1,196	1,034	978	3,039	2,936	2,236	1,951	3,937	3,505
18	Nonfarm.....	28,188	27,797	27,301	27,080	27,272	27,678	171,798	170,035	169,177	166,078	170,386	172,180
19	Private.....	22,600	22,141	21,763	21,533	21,667	21,946	145,402	143,313	142,429	140,541	142,884	144,172
20	Agricultural services, forestry, fisheries, and other ⁶	104	107	109	105	114	111	804	820	807	743	803	781
21	Mining.....	2,200	1,964	1,820	1,800	1,641	1,684	9,887	8,715	8,337	7,898	8,181	8,396
22	Construction.....	1,778	1,685	1,662	1,646	1,563	1,588	14,909	14,175	14,039	13,259	13,035	12,712
23	Manufacturing.....	4,601	4,465	4,367	4,325	4,272	4,304	27,673	27,285	27,077	26,735	26,916	27,483
24	Nondurable goods.....	1,570	1,515	1,541	1,515	1,499	1,532	11,444	11,408	11,300	11,215	11,347	11,495
25	Durable goods.....	3,031	2,951	2,826	2,810	2,773	2,772	16,229	15,877	15,778	15,520	15,569	15,989
26	Transportation and public utilities.....	2,222	2,196	2,180	2,226	2,246	2,255	12,977	12,929	12,769	13,033	13,114	13,255
27	Wholesale trade.....	1,655	1,619	1,544	1,487	1,520	1,527	12,700	12,540	12,275	12,101	11,930	11,905
28	Retail trade.....	2,983	2,975	2,966	2,884	2,966	2,988	18,299	18,173	18,187	17,842	18,037	18,282
29	Finance, insurance, and real estate.....	1,538	1,590	1,588	1,578	1,596	1,626	12,187	12,558	12,740	12,665	13,041	13,112
30	Services.....	5,519	5,540	5,527	5,484	5,749	5,862	36,015	36,119	36,197	36,265	37,826	38,246
31	Government and government enterprises.....	5,589	5,657	5,538	5,547	5,605	5,732	26,396	26,722	26,749	25,538	27,501	28,008
32	Federal, civilian.....	1,353	1,368	1,362	1,347	1,343	1,347	5,145	5,117	5,119	5,099	5,153	5,213
33	Military.....	707	703	717	731	744	730	3,026	3,014	3,037	3,048	3,122	3,100
34	State and local.....	3,530	3,586	3,459	3,466	3,518	3,655	18,226	18,591	18,593	17,991	19,226	19,695

See footnotes at end of table.

Sources, 1986:I-1987:II—Continued

adjusted at annual rates]

Southwest				Arizona				New Mexico				Line							
1986		1987		1986		1987		1986		1987									
I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p		
328,123	328,522	326,782	324,911	332,486	335,982	43,723	44,462	44,873	45,816	46,420	46,985	16,772	16,911	16,935	16,957	17,070	17,394	1	
323,784	323,643	323,193	321,111	326,491	330,236	43,163	43,887	44,436	45,398	45,692	46,155	16,570	16,626	16,677	16,722	16,773	17,012	2	
4,339	4,879	3,589	3,800	5,996	5,696	560	575	437	418	728	830	201	285	258	235	297	383	3	
247,134	246,047	243,897	241,804	248,576	250,865	31,475	32,024	32,350	33,296	33,707	34,012	12,095	12,172	12,175	12,203	12,240	12,513	4	
14,296	14,147	14,023	13,823	14,175	14,260	1,868	1,892	1,913	1,967	2,004	2,006	756	750	748	747	745	754	5	
-319	300	-284	-259	-273	-272	-91	-94	-95	-101	-100	-98	17	17	17	17	19	18	6	
292,519	291,600	292,591	292,722	294,128	296,333	29,515	30,097	30,342	31,228	31,603	31,908	11,356	11,438	11,444	11,473	11,514	11,777	7	
53,709	54,232	53,619	53,445	54,072	54,696	7,973	8,125	8,114	8,123	8,221	8,353	2,750	2,777	2,745	2,735	2,770	2,804	8	
41,895	42,690	43,572	43,744	44,287	44,953	6,235	6,300	6,417	6,465	6,595	6,725	2,666	2,695	2,747	2,749	2,786	2,814	9	
1,228	1,683	1,908	1,826	1,624	1,517	104	114	125	132	142	142	77	88	102	90	83	64	10	
40,666	41,007	41,664	41,918	42,663	43,436	6,131	6,185	6,292	6,333	6,456	6,583	2,590	2,608	2,645	2,659	2,703	2,749	11	
198,465	196,609	195,361	193,130	196,931	198,822	26,141	26,538	26,919	27,776	27,830	27,959	9,958	9,927	9,940	9,977	9,954	10,101	12	
18,850	18,756	18,720	18,499	18,687	18,934	2,309	2,350	2,379	2,442	2,439	2,455	918	917	918	917	906	924	13	
29,819	30,681	29,817	30,175	32,958	33,108	3,025	3,136	3,052	3,078	3,438	3,597	1,220	1,328	1,318	1,310	1,381	1,489	14	
3,544	4,086	2,790	2,993	5,187	4,883	407	422	283	263	263	674	127	221	194	171	232	318	15	
26,275	26,596	27,027	27,182	27,772	28,225	2,618	2,713	2,769	2,815	2,865	2,923	1,083	1,108	1,124	1,139	1,148	1,171	16	
4,339	4,879	3,589	3,800	5,996	5,696	560	575	437	418	728	830	201	285	258	235	297	383	17	
242,795	241,168	240,808	238,004	242,581	245,170	30,915	31,449	31,914	32,878	32,979	33,182	11,893	11,887	11,917	11,968	11,943	12,130	18	
202,224	200,135	199,174	197,845	200,374	202,197	25,550	26,008	26,311	27,059	27,226	27,354	8,673	8,673	8,672	8,713	8,597	8,725	19	
1,191	1,207	1,219	1,156	1,225	1,189	235	233	252	258	258	245	48	48	50	50	53	52	20	
13,289	11,784	11,180	10,721	10,848	11,127	535	521	491	499	497	505	666	666	666	666	666	666	21	
20,849	20,136	19,850	19,003	18,414	18,063	3,210	3,116	3,216	3,168	2,952	2,905	961	961	961	961	961	961	22	
38,263	37,855	37,650	37,414	37,514	38,130	5,108	5,223	5,302	5,461	5,502	5,479	881	882	882	882	882	882	23	
14,119	14,044	14,001	13,911	14,041	14,222	848	866	901	921	933	924	257	255	259	260	262	272	24	
24,145	23,811	23,649	23,503	23,473	23,907	4,261	4,357	4,401	4,540	4,569	4,554	624	627	627	645	653	651	25	
18,059	17,967	17,783	18,153	18,389	18,577	1,884	1,870	1,883	1,942	2,045	2,074	976	972	952	952	963	984	26	
16,472	16,275	15,979	15,772	15,710	15,695	1,591	1,596	1,639	1,670	1,734	1,735	525	521	521	514	526	528	27	
26,194	26,110	26,202	25,818	26,174	26,504	3,592	3,623	3,696	3,753	3,822	3,870	1,321	1,339	1,354	1,339	1,349	1,364	28	
16,488	17,104	17,394	17,464	17,906	18,052	2,264	2,389	2,479	2,621	2,675	2,712	549	568	586	600	594	603	29	
51,420	51,696	51,917	52,345	54,134	54,859	7,131	7,287	7,352	7,686	7,745	7,831	2,755	2,800	2,841	2,909	2,874	2,920	30	
40,571	41,024	41,134	40,159	42,207	42,973	5,365	5,441	5,603	5,819	5,754	5,828	3,221	3,214	3,245	3,256	3,346	3,406	31	
8,296	8,297	8,322	8,285	8,398	8,476	1,043	1,052	1,071	1,083	1,116	1,114	756	771	763	735	735	735	32	
4,727	4,711	4,764	4,786	4,910	4,868	585	586	596	591	614	612	409	408	414	416	430	425	33	
27,548	28,026	28,048	27,078	28,899	29,629	3,737	3,803	3,937	4,145	4,023	4,101	2,056	2,046	2,060	2,077	2,131	2,179	34	
Rocky Mountain				Colorado				Idaho				Line							
1986		1987		1986		1987		1986		1987		1986		1987					
I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^p	III ^r	IV ^r	I ^r	II ^p		
93,960	95,790	95,703	96,386	97,211	98,771	48,878	49,741	50,240	50,222	51,117	51,902	10,914	11,187	11,377	11,524	11,450	11,697	1	
93,096	93,553	94,095	93,981	95,145	96,240	48,495	48,850	49,586	49,559	50,340	50,820	10,624	10,702	10,765	10,780	10,940	11,107	2	
864	2,236	1,609	2,405	2,066	2,530	383	391	654	662	777	1,082	290	485	612	744	510	590	3	
70,137	71,586	71,338	71,923	72,535	73,757	37,134	37,788	38,238	38,162	38,954	39,564	7,753	7,980	8,161	8,303	8,210	8,402	4	
4,178	4,167	4,175	4,150	4,249	4,282	2,111	2,109	2,142	2,126	2,186	2,193	536	535	534	535	549	554	5	
40	44	47	60	69	92	-33	-34	-40	-37	39	38	70	70	72	76	75	77	6	
65,999	67,463	67,210	67,833	68,345	69,536	34,989	35,645	36,056	35,999	36,729	37,393	7,287	7,515	7,699	7,845	7,736	7,925	7	
15,564	15,744	15,644	15,631	15,733	15,937	8,196	8,306	8,259	8,256	8,339	8,422	1,896	1,917	1,908	1,908	1,924	1,942	8	
12,397	12,583	12,849	12,922	13,083	13,297	5,694	5,791	5,925	5,967	6,049	6,148	1,731	1,755	1,770	1,772	1,790	1,830	9	
447	510	570	557	513	514	178	208	240	237	224	225	85	101	96	91	83	95	10	
11,950	12,073	12,279	12,364	12,570	12,784	5,516	5,583	5,686	5,730	5,825	5,923	1,647	1,654	1,674	1,681	1,707	1,735	11	
56,941	56,821	57,072	56,855	57,575	58,124	30,361	30,393	30,967	30,851	31,367	31,561	5,934	5,929	5,931	5,949	6,043	6,121	12	
5,149	5,145	5,181	5,128	5,167	5,240	2,724	2,735	2,797	2,766	2,800	2,825	541	542	545	546	552	562	13	
8,047	9,619	9,084	9,940	9,793	10,393	4,049	4,049	4,659	4,473	4,544	4,788	5,178	1,279	1,509	1,685	1,808	1,614	1,419	14
350	1,722	1,091	1,886	1,545	2,007	289	747	510	518	632	937	141	336	462	593	358	437	15	
7,698	7,897	7,993	8,055	8,248	8,385	3,810	3,912	3,964	4,026	4,156	4,241	1,137	1,173	1,223	1,215	1,256	1,282	16	
864	2,236	1,609	2,405	2,066	2,530	383	391	654	662	777	1,082	290	485	612	744	510	590	17	
69,274	69,349	69,729	69,518	70,470	71,226	36,750	36,897	37,583	37,500	38,177	38,432	7,463	7,495	7,549	7,559	7,700	7,812	18	
55,870	55,858	56,130	55,653	56,313	56,926	30,232	30,338	30,857	30,639	31,134	31,365	6,075	6,101	6,140	6,138	6,240	6,327	19	
377	390	389	393	408	393	188	191	195	195	200	193	88	93	90	92	99	95	20	
3,120	2,873	2,806	2,721	2,661	2,735	1,519	1,392												

Table 2.—Personal Income by Major

[Millions of dollars, seasonally]

Line	Item	Montana						Utah					
		1986				1987		1986				1987	
		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence													
1	Total personal income (lines 4-9).....	9,269	9,898	9,387	10,111	9,982	9,926	18,180	18,290	18,340	18,342	18,536	18,910
2	Nonfarm personal income.....	9,189	9,274	9,240	9,288	9,378	9,432	18,078	18,138	18,165	18,200	18,387	18,692
3	Farm income (line 17) ¹	80	624	147	823	604	494	102	152	175	142	149	218
Derivation of total personal income													
4	Earnings by place of work (lines 12-16 or 17-34).....	6,061	6,653	6,117	6,837	6,666	6,573	14,058	14,121	14,137	14,119	14,279	14,596
5	Less: Personal contributions for social insurance ²	427	429	424	427	436	437	837	835	833	831	851	867
6	Plus: Adjustment for residence ³	7	7	6	6	6	7	64	64	64	64	64	65
7	Equals: Net earnings by place of residence.....	5,641	6,230	5,700	6,416	6,237	6,143	13,286	13,350	13,368	13,352	13,492	13,794
8	Plus: Dividends, interest, and rent ⁴	1,921	1,941	1,928	1,927	1,945	1,961	2,436	2,456	2,436	2,429	2,453	2,487
9	Plus: Transfer payments.....	1,707	1,726	1,759	1,768	1,800	1,822	2,458	2,485	2,456	2,561	2,591	2,629
10	State unemployment insurance benefits.....	58	59	61	58	61	53	88	91	101	109	98	93
11	Transfers excluding State unemployment insurance benefits.....	1,649	1,667	1,697	1,710	1,739	1,769	2,370	2,394	2,435	2,452	2,493	2,537
Earnings by place of work													
Components of earnings:													
12	Wages and salaries.....	4,759	4,771	4,709	4,753	4,788	4,805	11,662	11,647	11,626	11,629	11,765	11,972
13	Other labor income.....	435	437	433	434	434	439	1,092	1,086	1,084	1,075	1,082	1,107
14	Proprietors' income ⁵	868	1,445	975	1,650	1,444	1,328	1,304	1,388	1,427	1,415	1,431	1,517
15	Farm ⁶	-43	501	23	699	480	369	54	105	127	93	100	169
16	Nonfarm.....	911	945	952	951	964	959	1,251	1,283	1,300	1,322	1,332	1,348
Earnings by industry													
17	Farm.....	80	624	147	823	604	494	102	152	175	142	149	218
18	Nonfarm.....	5,981	6,029	5,970	6,014	6,062	6,079	13,957	13,968	13,962	13,977	14,130	14,378
19	Private.....	4,655	4,671	4,664	4,628	4,665	4,677	10,936	10,936	10,939	10,923	11,032	11,251
20	Agricultural services, forestry, fisheries, and other ⁶	43	45	43	46	45	43	37	40	39	40	42	40
21	Mining.....	224	208	201	206	196	216	354	332	305	324	308	320
22	Construction.....	416	449	426	397	378	335	1,062	1,058	1,023	1,021	930	899
23	Manufacturing.....	562	545	543	535	549	562	2,457	2,386	2,367	2,259	2,353	2,449
24	Nondurable goods.....	208	211	211	209	207	210	577	575	589	585	621	645
25	Durable goods.....	353	334	333	327	342	352	1,880	1,811	1,778	1,674	1,732	1,805
26	Transportation and public utilities.....	692	692	685	686	681	690	1,212	1,193	1,203	1,203	1,218	1,221
27	Wholesale trade.....	353	347	343	336	343	337	902	901	901	910	875	887
28	Retail trade.....	739	744	749	735	751	747	1,382	1,413	1,421	1,418	1,430	1,460
29	Finance, insurance, and real estate.....	282	294	301	308	316	322	722	766	786	811	825	843
30	Services.....	1,344	1,348	1,372	1,379	1,407	1,424	2,808	2,847	2,893	2,937	3,050	3,130
31	Government and government enterprises.....	1,326	1,358	1,306	1,386	1,397	1,402	3,021	3,032	3,023	3,054	3,098	3,127
32	Federal, civilian.....	324	320	314	328	339	340	1,016	1,019	1,031	1,038	1,047	1,027
33	Military.....	101	102	106	108	110	110	197	198	198	204	209	209
34	State and local.....	902	936	886	951	948	953	1,808	1,815	1,793	1,812	1,843	1,891

1. Farm income consists of proprietors' net farm income, the wages of hired farm labor, the pay-in-kind of hired farm labor, and the salaries of officers of corporate farms.
 2. Personal contributions for social insurance are included in the estimates of earnings by type and industry. However, they are not included in personal income and therefore are subtracted from earnings in the computation of personal income.
 3. U.S. adjustment for residence consists of adjustments for border workers: Income of U.S. resi-

dents commuting outside U.S. borders to work less income of foreign residents commuting inside U.S. borders to work plus certain Caribbean seasonal workers.
 4. Includes the capital consumption adjustment for rental income of persons.
 5. Includes the inventory valuation and capital consumption adjustments.
 6. "Other" includes the wages and salaries of U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

Sources, 1986:I-1987:II—Continued

adjusted at annual rates]

Wyoming				Far West								California								Line
1986				1987		1986				1987		1986				1987				
I'	II'	III'	IV'	I'	II'	I'	II'	III'	IV'	I'	II'	I'	II'	III'	IV'	I'	II'			
6,719	6,673	6,359	6,187	6,126	6,335	558,917	570,881	578,166	587,639	597,027	606,552	443,697	453,800	459,955	466,938	475,502	482,220	1		
6,710	6,589	6,340	6,154	6,100	6,189	551,263	561,984	569,198	579,110	587,238	595,558	437,631	447,253	453,209	461,008	468,039	474,238	2		
9	85	20	33	26	146	7,654	8,898	8,968	8,528	9,789	10,994	6,066	6,548	6,747	5,930	7,463	7,982	3		
5,131	5,044	4,685	4,502	4,426	4,621	410,779	419,602	425,480	434,305	442,148	449,766	328,304	335,732	340,733	347,049	354,477	359,688	4		
267	258	243	232	228	231	24,715	25,032	25,239	25,685	26,373	26,656	19,743	20,051	20,220	20,556	21,140	21,328	5		
-68	-63	-55	-50	-47	-48	225	207	194	168	144	137	258	245	246	235	222	228	6		
4,796	4,723	4,387	4,221	4,151	4,342	386,290	394,777	400,434	408,789	415,919	423,247	308,819	315,927	320,759	326,728	333,559	338,588	7		
1,116	1,124	1,113	1,112	1,122	1,126	94,924	97,349	97,440	97,918	99,137	100,163	75,073	77,133	77,239	77,669	78,678	79,485	8		
807	826	859	854	853	868	77,708	78,755	80,291	80,932	81,971	83,141	59,806	60,741	61,957	62,541	63,265	64,147	9		
38	51	-81	62	47	48	2,812	2,823	2,856	2,825	2,617	2,488	2,094	2,142	2,138	2,162	1,949	1,852	10		
769	775	787	792	806	820	74,891	75,932	77,436	78,107	79,354	80,654	57,712	58,599	59,319	60,379	61,316	62,294	11		
4,226	4,082	3,839	3,673	3,611	3,664	330,017	335,441	339,737	347,254	352,171	356,675	262,841	267,882	271,338	277,027	281,417	284,571	12		
358	345	322	307	299	306	31,449	31,910	32,245	32,819	33,093	33,593	25,484	25,949	26,238	26,660	26,944	27,306	13		
547	618	524	523	516	651	49,313	52,251	53,498	54,233	56,885	59,498	39,979	41,901	43,157	43,363	46,116	47,810	14		
-42	34	-17	-24	-24	96	5,317	6,570	6,609	6,137	7,392	8,585	4,250	4,739	4,913	4,070	5,599	6,109	15		
589	584	555	540	540	555	43,997	45,681	46,889	48,096	49,493	50,913	35,729	37,162	38,244	39,292	40,517	41,702	16		
9	85	20	33	26	146	7,654	8,898	8,968	8,528	9,789	10,994	6,066	6,548	6,747	5,930	7,463	7,982	17		
5,123	4,960	4,665	4,469	4,400	4,475	403,125	410,705	416,512	425,777	432,359	438,772	322,238	329,185	333,986	341,120	347,014	351,706	18		
3,973	3,812	3,530	3,325	3,243	3,306	338,051	345,231	349,200	357,446	362,706	368,091	271,650	278,261	281,461	287,949	292,671	296,575	19		
21	22	22	21	22	21	3,431	3,572	3,541	3,649	3,725	3,611	2,549	2,661	2,661	2,753	2,798	2,716	20		
933	863	772	737	711	756	3,264	2,948	2,842	2,863	3,008	3,102	2,744	2,422	2,315	2,387	2,421	2,505	21		
695	625	469	374	319	333	25,962	27,660	28,207	29,344	29,196	30,419	20,779	22,243	22,808	23,811	23,838	24,334	22		
208	200	195	198	203	205	73,947	80,399	81,063	83,362	83,326	84,238	63,099	64,427	65,000	66,277	66,586	67,202	23		
117	108	108	110	113	115	20,951	21,291	21,391	21,968	22,325	22,622	16,874	17,183	17,178	17,765	18,028	18,255	24		
90	92	87	88	90	91	57,996	59,019	59,752	61,394	61,900	61,616	46,255	47,245	47,322	48,512	48,558	48,917	25		
519	508	497	492	487	489	27,161	26,725	27,125	27,626	28,163	28,527	21,221	20,834	21,187	21,560	21,925	22,203	26		
222	218	200	185	175	175	26,052	26,396	26,709	27,244	26,281	26,709	20,814	21,210	21,471	21,972	20,976	21,308	27		
478	466	461	436	436	434	41,431	42,273	43,136	43,508	43,718	44,805	32,736	33,511	34,182	34,458	34,588	35,427	28		
132	137	192	138	137	175	28,212	29,996	30,018	31,199	34,030	32,717	23,499	25,180	25,062	26,163	28,849	27,461	29		
716	723	722	695	702	706	103,590	105,351	106,508	108,651	111,258	113,966	84,218	85,773	86,775	88,613	90,691	92,920	30		
1,150	1,147	1,136	1,144	1,157	1,169	65,074	65,473	67,312	68,331	69,654	70,681	50,588	50,924	52,525	53,171	54,342	55,131	31		
185	187	184	188	195	186	12,415	12,342	12,336	12,410	12,731	12,775	9,454	9,400	9,346	9,427	9,636	9,661	32		
94	94	95	94	97	97	8,178	8,134	8,142	8,208	8,408	8,408	6,607	6,583	6,587	6,644	6,734	6,797	33		
870	867	857	862	865	885	44,486	44,997	46,834	47,713	48,514	49,497	34,527	34,941	36,592	37,101	37,922	38,673	34		
Washington				Alaska								Hawaii								Line
1986				1987		1986				1987		1986				1987				
I'	II'	III'	IV'	I'	II'	I'	II'	III'	IV'	I'	II'	I'	II'	III'	IV'	I'	II'			
65,620	66,546	66,953	68,794	68,876	70,408	9,548	9,566	9,482	9,384	8,971	9,022	15,396	15,647	15,986	16,228	16,511	16,870	1		
64,646	64,995	65,598	67,139	67,433	68,460	9,551	9,569	9,483	9,387	8,974	9,025	15,104	15,326	15,640	15,918	16,177	16,477	2		
975	1,551	1,355	1,655	1,443	1,948	-3	-3	-1	-3	-3	-3	293	321	346	310	334	393	3		
46,846	47,487	47,730	49,635	49,418	50,683	8,449	8,416	8,334	8,232	7,868	7,874	11,400	11,606	11,950	12,203	12,428	12,726	4		
2,809	2,798	2,812	2,901	2,934	2,973	552	547	537	529	496	493	709	720	739	755	776	791	5		
455	468	470	449	468	482	-523	-519	-511	-505	-481	-482	0	0	0	0	0	0	6		
44,491	45,157	45,388	47,183	46,952	48,192	7,374	7,350	7,287	7,198	6,890	6,900	10,691	10,886	11,211	11,448	11,653	11,934	7		
11,023	11,211	11,326	11,457	11,457	11,457	996	979	979	972	990	1,003	2,292	2,353	2,357	2,371	2,399	2,422	8		
10,107	10,177	10,375	10,404	10,598	10,759	1,179	1,212	1,216	1,215	1,091	1,119	2,413	2,408	2,418	2,409	2,459	2,514	9		
425	415	457	426	441	416	111	138	135	133	112	120	55	60	54	46	45	48	10		
9,682	9,762	9,919	9,979	10,157	10,343	1,067	1,074	1,081	1,082	979	1,000	2,358	2,348	2,364	2,364	2,414	2,465	11		
38,256	38,207	38,554	39,926	39,890	40,485	6,931	6,874	6,756	6,682	6,386	6,389	9,484	9,611	9,856	10,079	10,236	10,426	12		
3,373	3,377	3,417	3,571	3,519	3,581	598	595	586	586	545	545	790	810	841	866	873	893	13		
5,217	5,903	5,758	6,138	6,009	6,617	920	947	984	964	937	941	1,126	1,186	1,252	1,258	1,319	1,407	14		
667	1,244	1,044	1,339	1,126	1,630	-5	-6	-4	-5	-6	-6	142	171	195	157	179	238	15		
4,550	4,659	4,714	4,799	4,883	4,983	926	952	987	969	942	947	983	1,015	1,059	1,102	1,139	1,169	16		
975	1,551	1,355	1,655	1,443	1,948	-3	-3	-1	-3	-3	-3	293	321	346	310	334	393	17		
45,871	45,936	46,374	47,980	47,975	48,735	8,452	8,419	8,335	8,235	7,871	7,878	11,108	11,286	11,604	11,892	12,095	12,333	18		
37,183	37,184	37,433	38,784	38,748	39,361	5,771	5,698	5,683	5,548	5,174	5,156	7,635	7,802	8,058	8,301	8,432	8,623	19		
601	617	587	594	628	606	202	188	164	149	159	152	55	56	56	62	60	60	20		
212	207	205	203	217	220	666	658	693	528	528	529	26	24	24	25	31	33	21		
3,047	3,136	3,090	3,188	3,088	3,152	922	935	1,007	938	799	783	687	688	782	885	865	881	22		
9,856	9,855	9,945	10,946	10,435	10,538	357	363	353	384	369	378	539	549	548	565	565	572	23		
2,591	2,596	2,603	2,635	2,684	2,707	258	267	245	265	267	275	430	437	434	447	452	455	24		
7,265	7,259	7,342	8,311	7,751	7,831	109	108	119	102	102	103	109	112	114	114	114	114	25		
3,233	3,183	3,211	3,263	3,355	3,417	770	751	740	722	714	708	937	937	966	985	1,009	1,032	26		
3,071	3,004	3,018	3,018	3,039	3,082	304	292	271	259	248	245	458	458	464	476	484	495	27		
4,820	4,817	4,939	4,951	5,018	5,177	759	746	714	687	663	656	1,293	1,307	1,357	1,369	1,448	1,481	28		
2,905	2,926	2,972	3,006	3,110	3,1															

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CURRENT BUSINESS STATISTICS

The statistics here update series published in BUSINESS STATISTICS: 1984, a statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$13.00, stock no. 003-010-00160-7) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1981 through 1984, annually, 1961-84; for selected series, monthly or quarterly, 1961-84 (where available).

The sources of the series are given in BUSINESS STATISTICS: 1984; they appear in the main methodological note for each series, and are also listed alphabetically on pages 143-144. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
GENERAL BUSINESS INDICATORS																
PERSONAL INCOME BY SOURCE +																
Seasonally adjusted, at annual rates:																
Total personal income.....bil. \$..	3,327.0	3,534.3	3,552.9	3,567.5	3,577.5	3,590.3	3,613.0	3,631.5	3,671.2	3,683.4	*3,701.9	*3,708.5	*3,715.3	*3,737.2	3,758.2	3,783.6
Wage and salary disbursements, total.....do.....	1,974.9	2,089.1	2,100.9	2,104.4	2,119.4	2,131.5	2,134.4	2,150.2	2,166.4	2,173.1	2,181.5	2,193.7	*2,198.9	*2,209.7	2,229.0	2,242.4
Commodity-producing industries, total.....do.....	609.2	623.3	624.0	623.4	630.3	627.4	627.5	631.6	632.7	634.2	632.8	635.9	*636.5	*636.7	642.2	645.8
Manufacturing.....do.....	460.9	470.5	470.8	470.5	476.8	473.0	473.8	476.0	477.7	478.0	477.1	479.8	*480.0	*480.3	485.0	489.4
Distributive industries.....do.....	473.0	497.1	498.7	500.2	502.6	506.9	504.6	507.4	513.7	513.4	518.1	519.4	*519.2	*522.9	526.7	531.2
Service industries.....do.....	520.4	573.9	580.5	581.0	584.8	593.4	596.5	600.9	607.7	611.4	614.6	620.3	*623.1	*627.9	636.0	639.2
Govt. and govt. enterprises.....do.....	372.3	394.3	397.8	399.7	401.8	403.8	405.8	410.2	412.3	414.1	416.0	418.1	*420.1	*422.2	424.2	426.2
Other labor income.....do.....	192.3	201.1	202.3	203.0	203.7	204.4	205.1	205.9	206.7	207.4	210.0	209.0	*209.6	*210.4	211.1	211.9
Proprietors' income: †																
Farm.....do.....	29.7	37.2	35.8	40.8	33.6	31.1	45.2	42.0	56.2	55.6	*58.0	*41.6	*42.3	*42.0	35.4	39.8
Nonfarm.....do.....	227.6	252.6	255.4	259.1	259.3	261.0	263.4	265.6	270.2	273.2	274.1	*275.8	*277.7	*280.7	283.8	284.6
Rental income of persons with capital consumption adjustment.....bil. \$..	9.0	16.7	17.0	17.0	17.7	18.4	19.2	19.5	20.0	20.4	19.7	18.9	18.2	*18.2	18.5	18.8
Dividends.....do.....	76.3	81.2	82.2	82.5	82.6	82.9	83.2	83.9	84.4	85.0	85.3	86.5	87.0	*87.9	88.8	89.4
Personal interest income.....do.....	476.5	497.6	498.0	497.2	497.0	496.7	496.6	498.1	499.8	501.6	503.8	506.3	508.8	*512.8	517.4	522.6
Transfer payments.....do.....	489.7	518.3	521.6	524.0	525.6	526.3	528.0	532.2	534.5	534.3	537.3	545.4	*541.7	*545.2	545.1	545.9
Less: Personal contributions for social insurance.....do.....	148.9	159.6	160.3	160.4	161.3	162.1	162.1	165.9	167.0	167.3	167.7	168.6	168.9	*169.6	170.9	171.8
Total nonfarm income.....do.....	3,273.5	3,475.2	3,495.5	3,505.2	3,522.5	3,538.0	3,546.7	3,568.4	3,594.1	3,607.2	*3,622.8	*3,645.1	*3,651.2	*3,673.4	3,701.0	3,721.9
DISPOSITION OF PERSONAL INCOME +																
Seasonally adjusted, at annual rates:																
Total personal income.....bil. \$..	3,327.0	3,534.3	3,552.9	3,567.5	3,577.5	3,590.3	3,613.0	3,631.5	3,671.2	3,683.4	*3,701.9	*3,708.5	*3,715.3	*3,737.2	3,758.2	3,783.6
Less: Personal tax and nontax payments.....do.....	485.9	512.2	515.6	519.3	524.3	530.7	541.0	537.9	533.1	537.3	633.6	542.0	*558.3	*560.9	566.5	571.0
Equals: Disposable personal income.....do.....	2,841.1	3,022.1	3,037.2	3,048.2	3,053.2	3,059.6	3,072.0	3,093.5	3,138.2	3,146.1	*3,068.4	*3,166.5	*3,157.0	*3,176.2	3,191.7	3,212.6
Less: Personal outlays.....do.....	2,714.1	2,891.5	2,918.6	2,965.4	2,933.6	2,985.4	2,988.9	2,943.2	3,009.6	3,009.7	*3,025.1	*3,081.2	*3,055.9	*3,069.3	3,121.6	3,106.0
Personal consumption expenditures.....do.....	2,629.4	2,799.8	2,826.5	2,872.4	2,839.5	2,841.3	2,894.9	2,845.5	2,915.8	2,916.0	*2,931.5	*2,937.7	*2,961.8	*2,974.5	3,026.3	3,010.2
Durable goods.....do.....	368.7	402.4	420.2	457.8	413.4	404.4	441.7	381.9	405.7	400.7	*408.6	*402.7	*415.8	*417.1	447.4	433.3
Nondurable goods.....do.....	913.1	939.4	940.4	938.3	944.6	943.5	951.0	954.4	980.3	975.1	*977.1	*983.6	*985.6	*984.6	991.9	987.7
Services.....do.....	1,347.5	1,458.0	1,465.9	1,476.2	1,481.6	1,493.4	1,502.2	1,513.2	1,529.8	1,540.1	*1,545.8	*1,551.5	*1,560.4	*1,572.7	1,587.0	1,589.3
Interest paid by consumers to business.....do.....	82.7	89.9	90.6	91.4	92.2	92.1	92.0	92.1	92.0	92.0	92.4	92.4	*92.9	*93.3	93.8	94.3
Personal transfer payments to foreigners (net).....do.....	2.0	1.7	1.6	1.6	1.9	1.9	1.9	1.7	1.7	1.7	*1.2	*1.2	*1.2	*1.4	1.4	1.4
Equals: personal saving.....do.....	127.1	130.6	118.6	82.8	119.6	124.3	83.2	150.3	128.6	136.4	*43.2	*135.2	*101.1	*107.0	70.2	106.6
Personal saving as percentage of disposable personal income %.....percent.....	4.5	4.3	3.6	3.5	3.6	3.6	3.9	3.9	4.4	3.3	3.4	3.0	*3.6	2.9	3.0	.....
Disposable personal income in constant (1982) dollars.....bil. \$..	2,542.2	2,645.1	2,653.4	2,652.2	2,652.6	2,655.5	2,661.9	2,656.3	2,687.2	2,680.3	*2,603.1	*2,674.9	*2,658.2	2,671.5	2,673.3	.....
Personal consumption expenditures in constant (1982) dollars.....do.....	2,352.6	2,450.5	2,469.3	2,499.2	2,467.0	2,466.1	2,508.4	2,446.7	2,496.9	2,484.3	*2,487.0	*2,481.7	*2,493.9	2,501.9	2,534.8	.....
Durable goods.....do.....	352.7	383.5	398.8	432.3	393.9	386.3	416.9	364.0	384.5	379.2	*385.8	*380.2	*390.2	391.3	416.0	.....
Nondurable goods.....do.....	849.5	877.2	881.0	874.2	880.2	878.2	882.5	872.9	894.1	882.5	*878.8	*880.0	*878.3	878.2	880.6	.....
Services.....do.....	1,150.4	1,189.8	1,189.5	1,192.7	1,192.8	1,201.6	1,208.9	1,209.8	1,218.2	1,222.6	*1,222.5	*1,221.5	*1,225.3	1,232.3	1,238.2	.....
Implicit price deflator for personal consumption expenditures.....index, 1982=100.....	111.8	114.3	114.5	114.9	115.1	115.2	115.4	116.5	116.8	117.4	117.9	*118.4	*118.8	118.9	119.4	.....
INDUSTRIAL PRODUCTION ◊																
<i>Federal Reserve Board Index of Quantity Output</i>																
Not Seasonally Adjusted																
Total index.....1977=100.....	*123.7	125.1	*127.8	*128.4	*127.7	*125.2	*122.9	*122.6	126.9	127.0	*126.2	*126.9	*131.9	*128.6	*134.0	*135.9
By industry groupings:																
Mining and utilities.....do.....	*109.8	*103.5	*103.7	*100.5	*98.8	*101.3	*102.5	*105.7	*106.3	*100.8	*98.4	*98.7	*103.0	*103.9	*106.9	*105.6
Manufacturing.....do.....	126.4	129.1	132.3	*133.7	*133.2	*129.7	*126.7	*125.8	*130.7	*131.9	*131.4	*132.2	*137.4	*133.3	*139.2	*141.4
Nondurable manufactures.....do.....	*124.6	*130.1	*137.0	*136.9	*136.1	*131.1	*127.4	*125.7	*130.5	*131.5	*132.3	*134.0	*135.5	*144.8	*146.2	.....
Durable manufactures.....do.....	*127.6	*128.4	*128.8	*131.4	*131.1	*128.7	*126.3	*125.9	*130.9	*132.3	*130.8	*131.0	*135.3	*129.6	*135.3	.....
Seasonally Adjusted																
Total index.....do.....	*123.7	125.1	*124.9	*124.5	125.3	*125.7	*126.8	*126.1	*127.1	*127.4	*127.3	*128.1	*129.1	*130.6	*131.0	*131.2
By market groupings:																
Products, total.....do.....	*130.6	*133.3	*133.6	*133.1	*134.1	*134.1	*135.2	*134.3	*135.9	*136.4	*135.5	*136.8	*137.8	*139.6	*139.9	*140.2
Final products.....do.....	*131.0	*132.4	*132.7	*132.1	*132.9	*132.9	*134.1	*133.1	*134.8	*135.1	*134.2	*135.1	*136.2	*138.1	*138.4	*138.8
Consumer goods.....do.....	*119.8	*124.0	*125.0	*123.6	*124.8	*125.0	*126.6	*125.4	*126.2	*126.6	*124.9	*126.8	*127.2	*129.2	*129.3	*128.9

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
GENERAL BUSINESS INDICATORS—Continued																
INDUSTRIAL PRODUCTION ◊—Continued																
Seasonally Adjusted—Continued																
By market groupings—Continued																
Final products—Continued																
Durable consumer goods..... 1977=100.....	'112.5	'115.6	'116.2	117.4	'116.8	'117.4	'119.5	'118.9	'120.3	'118.9	'116.4	'119.5	'117.4	'120.7	'121.5	'120.1
Automotive products.....do.....	'114.1	'115.3	'115.8	'118.4	'115.7	'114.9	'115.3	'116.2	'122.6	'121.3	'115.3	'118.1	'114.9	'117.7	'117.2	'114.3
Autos and trucks, consumer.....do.....	112.0	112.9	'112.2	'117.5	'112.1	'109.3	'112.0	'117.4	'124.4	'122.1	111.5	'113.5	'107.9	'112.3	'112.4	'107.2
Autos, consumer.....do.....	98.9	97.3	'90.1	'98.9	'98.0	'94.5	'96.0	94.3	105.3	100.9	91.8	91.0	'87.4	'86.4	'76.8	'79.1
Trucks, consumer.....do.....	136.3	141.8	'153.1	'152.2	'138.3	'136.9	'141.7	'160.3	'160.0	'161.3	'148.0	'155.3	'146.0	'160.4	'178.4	.....
Home goods.....do.....	'111.3	'115.8	'116.5	'116.7	'117.6	'119.3	'122.6	'120.9	'118.6	'117.1	'117.1	'120.5	'119.3	'123.0	'124.9	'124.5
Nondurable consumer goods.....do.....	'122.5	'127.1	'128.2	'125.9	'127.7	'127.8	'129.2	'127.8	'128.4	'129.4	'129.5	'129.5	'130.9	'132.3	'132.2	'132.2
Consumer staples.....do.....	'128.7	'133.9	'135.1	'132.6	'134.5	'134.8	'136.3	'134.6	'135.0	'136.4	'134.9	'136.1	'137.6	'139.1	'139.2	'139.2
Consumer foods and tobacco.....do.....	'129.2	'132.7	'133.6	'131.7	'132.4	'133.2	'134.7	'132.7	'134.6	'135.8	'134.0	'135.5	'136.0	'137.1	'137.7	.....
Nonfood staples.....do.....	'128.2	'135.2	'136.6	'133.6	'136.7	'136.5	'138.0	'136.6	'135.4	'137.0	'135.8	'136.6	'139.2	'141.2	'140.7	'141.1
Equipment.....do.....	'145.8	'143.6	'142.8	'143.4	'143.7	'143.4	'144.0	'143.3	'146.1	'146.4	'146.6	'146.2	'148.1	'150.0	'150.5	'151.8
Business and defense equipment.....do.....	'146.5	'148.1	'148.2	'148.8	'148.8	'148.4	'149.0	'148.3	'151.4	'151.4	'151.6	'151.1	'153.2	'154.7	'154.9	'155.8
Business equipment.....do.....	'140.2	'139.4	'139.1	'139.6	'139.4	'138.8	'139.5	'138.4	'141.8	'141.9	'142.0	'141.3	'144.2	'146.0	'145.8	'146.6
Construction, mining, and farm.....do.....	'60.1	'55.7	'56.3	'56.2	'56.1	'54.6	'56.7	'56.0	'54.7	'57.2	'57.4	'60.3	'63.0	'65.0	'66.5	.....
Manufacturing.....do.....	'111.0	'114.0	'115.1	'115.5	'115.4	'112.9	'113.8	'113.3	'115.3	'113.9	'114.4	'114.4	'117.2	'120.3	'121.6	'122.4
Power.....do.....	'83.0	'82.4	'81.6	'79.8	'80.5	'79.5	'80.2	'80.8	'82.5	'81.6	'82.8	'84.0	'82.8	'82.3	'82.7	'82.3
Commercial.....do.....	'220.0	'217.4	'217.4	'216.5	'216.6	'218.0	'218.8	'216.7	'220.7	'222.6	'224.7	'220.4	'222.7	'229.0	'227.8	'229.2
Transit.....do.....	'107.6	'108.3	'105.2	'110.6	'109.2	'107.8	'106.6	'105.6	'114.6	'110.6	'106.7	'108.9	'105.4	'106.1	'104.5	'104.9
Defense and space equipment.....do.....	'171.4	'182.0	'183.7	'184.6	'185.6	'185.5	'186.2	'187.2	'188.9	'188.6	'189.2	'189.3	'188.6	'188.7	'190.2	'191.5
Intermediate products.....do.....	'129.3	'136.2	'136.8	'136.4	'138.3	'138.1	'139.2	'138.7	'139.9	'140.9	'140.0	'142.5	'143.3	'144.6	'144.9	'145.2
Construction supplies.....do.....	'119.2	'126.4	'127.0	'127.3	'127.3	'127.3	'128.6	'130.3	'130.0	'130.4	'128.2	'129.1	'131.5	'132.7	'132.4	'132.6
Business supplies.....do.....	'137.9	'144.6	'145.1	'144.2	'147.7	'147.3	'148.2	'145.9	'148.3	'149.8	'150.0	'153.9	'154.4	'154.7	'155.5	.....
Materials.....do.....	'114.3	'113.8	'113.1	'112.9	'113.3	'114.3	'115.2	'114.9	'115.1	'115.1	'116.2	'116.2	'117.2	'118.3	'118.9	'119.0
Durable goods materials.....do.....	'121.7	'120.0	'118.9	'118.9	'119.7	'120.6	'121.6	'120.7	'121.7	'122.4	'122.6	'122.5	'124.0	'125.1	'126.3	'126.2
Nondurable goods materials.....do.....	'112.2	'117.5	'118.5	'119.0	'119.3	'119.2	'122.5	'121.4	'120.8	'121.1	'124.5	'123.6	'124.1	'126.7	'126.5	'127.3
Energy materials.....do.....	'103.3	'99.7	'98.1	'97.1	'96.8	'98.8	'97.7	'99.3	'98.6	'97.2	'97.6	'98.7	'99.4	'98.9	'99.4	'99.4
By industry groupings:																
Mining and utilities.....do.....	'109.8	'103.5	'100.7	'99.7	'100.9	'102.0	'101.6	'102.6	'102.4	'101.9	101.5	'103.4	'103.0	'103.7	'103.6	'104.1
Mining.....do.....	'108.9	'100.4	'96.9	'95.8	'96.2	'97.5	'97.1	'99.4	'98.8	'98.3	'99.0	'99.4	'99.2	'99.3	'99.9	'100.7
Metal mining.....do.....	'76.1	'74.2	'72.4	'73.8	'70.9	'71.1	'76.2	'74.1	'73.6	'71.2	'65.7	'71.7	'70.7	.....	.....	.....
Coal.....do.....	'127.0	'127.7	'126.0	'124.1	'123.6	'129.8	'125.4	'136.4	'131.7	'122.3	'121.9	'127.2	'128.8	'127.9	'130.5	.....
Oil and gas extraction #.....do.....	'105.9	'93.9	'89.5	'88.5	'89.2	'89.6	'89.8	'91.2	'90.9	'92.4	'93.7	'92.4	'91.8	'91.8	'92.0	'92.8
Crude oil.....do.....	108.1	'105.0	'102.2	'101.2	'102.0	'101.0	101.4	'102.1	'99.5	'100.6	'102.3	'101.2	'100.2	'98.6	'98.2	'98.2
Natural gas.....do.....	'86.1	'83.9	'82.4	'81.3	82.1	'86.5	'85.1	'86.2	'85.8	'85.1	'84.4	83.9	'83.9	.....	.....	.....
Stone and earth minerals.....do.....	'122.2	'123.1	'125.0	'121.1	'123.9	'123.2	'122.5	'116.1	'122.1	'123.8	'125.4	'127.6	'128.5	'130.2	'131.2	.....
Utilities.....do.....	'111.1	'108.5	'107.0	'106.2	'108.6	'109.6	'109.0	'108.0	'108.5	'107.9	'105.7	'110.0	'109.4	'110.9	'109.7	'109.6
Electric.....do.....	119.7	'122.4	'122.7	'121.0	'124.0	'124.4	'122.6	'121.6	122.3	'123.6	'121.8	'129.5	'128.8	'131.0	'129.0	'129.0
Manufacturing.....do.....	126.4	129.1	'129.2	'129.2	'129.7	'130.1	'131.3	'130.6	'131.7	'132.3	'132.2	'132.8	'134.0	'135.5	'136.0	'136.1
Nondurable manufactures.....do.....	'124.6	'130.1	'131.1	'130.3	'131.2	'131.7	'133.4	'132.6	'132.5	'133.5	'134.3	'135.5	'136.9	'138.4	'138.6	'138.7
Foods.....do.....	'130.5	'134.4	'135.3	'134.4	'133.7	'135.3	'136.7	'134.6	'136.4	'137.3	'135.8	'137.7	'138.6	'139.8	.....	.....
Tobacco products.....do.....	'100.3	'97.1	'97.7	'98.0	'98.2	'96.4	'98.4	'89.9	'101.3	'103.3	'102.2	'109.6	107.0	'106.5	.....	.....
Textile mill products.....do.....	'102.2	'109.2	'110.7	'110.6	'110.2	'112.2	'113.4	'109.2	'110.8	'110.6	'118.6	'113.3	'117.2	'119.5	'116.3	.....
Apparel products.....do.....	'100.4	'103.1	'103.2	'102.6	'103.9	'103.8	'104.9	'105.6	'106.5	'103.7	'103.7	'106.4	'107.7	'109.6	'107.6	'107.6
Paper and products.....do.....	127.6	'136.5	'139.1	'136.5	'138.8	'139.6	'141.1	'139.7	'139.9	'139.6	'141.2	'142.6	'145.2	'146.2	'146.2	.....
Printing and publishing.....do.....	'151.4	'160.9	'161.7	'161.7	'164.4	'164.8	'166.4	'166.3	'164.4	'167.6	'168.9	'172.6	'174.1	'175.0	'174.6	'175.0
Chemicals and products.....do.....	'126.4	'132.0	'132.6	'132.2	'133.3	'132.3	'135.7	'136.4	'135.7	'135.4	'136.7	'137.2	'139.3	'141.2	'142.3	'142.3
Petroleum products.....do.....	'87.0	'92.7	'93.8	'93.0	'92.4	'92.5	'93.5	'96.6	'91.6	'91.6	'94.0	'92.6	'92.3	'92.9	'92.3	'92.6
Rubber and plastics products.....do.....	'146.1	'151.4	'153.1	'152.4	'154.2	'155.2	'157.1	'153.9	'155.9	'158.3	'159.7	'165.8	'165.4	'167.7	'167.6	'167.6
Leather and products.....do.....	'68.4	'61.4	'61.4	'59.0	'59.4	'61.0	'60.2	'59.9	'59.8	'59.4	'60.2	'61.4	'60.8	'59.2	'61.1	'61.1
Durable manufactures.....do.....	'127.6	'128.4	'127.9	'128.4	'128.6	'129.0	'129.7	'129.2	'131.0	'131.5	'130.8	'130.9	'132.0	'133.4	'134.2	'134.3
Lumber and products.....do.....	'114.3	'124.1	'123.6	'123.8	'124.6	'130.3	'133.5	'128.5	'129.6	'128.9	'130.3	'130.3	'131.1	'132.6	.....	.....
Furniture and fixtures.....do.....	'138.0	'143.8	'144.4	'143.5	'145.4	'145.6	'148.8	'141.4	'145.0	'149.9	'149.4	'150.5	'153.9	'156.2	'157.0	.....
Clay, glass, and stone products.....do.....	'114.5	'118.2	'117.0	'118.0	'117.3	'118.7	'119.4	'121.9	'118.8	'119.8	'121.1	'116.7	'117.9	'119.0	'117.7	.....
Primary metals.....do.....	'80.4	'75.1	'72.6	'72.8	'73.1	'75.5	'73.4	'73.2	'75.6	'77.5	'76.2	'77.1	'78.8	'81.4	'84.7	'86.1
Iron and steel.....do.....	70.4	63.4	'60.3	'60.2	'61.0	'63.5	'61.3	'62.3	'65.4	'64.4	'65.1	'68.3	'70.9	'75.3	.....	.....
Nonferrous metals.....do.....	'99.3	'97.2	'95.7	'96.6	'96.0	'98.1	'96.0	'99.1	'100.8	'100.3	'98.5	'99.6	'98.5	'101.1	'102.5	.....
Fabricated metal products.....do.....	'107.1	'108.0	'106.9	'107.8	'108.9	'108.3	'109.6	'108.3	'109.5	'110.5	'109.9	'108.5	'111.1	'111.2	'111.0	'111.3
Nonelectrical machinery.....do.....	'146.2	'145.0	'145.0	'144.9	'145.0	'144.5	'144.8	'143.4	'145.5	'148.5	'150.4	'148.2	'151.8	'154.4	'154.9	'155.6
Electrical machinery.....do.....	168.4	'165.7	'166.6	'166.5	'167.3	'167.9	'170.4	'170.8	'167.3	'167.8	'167.2	'170.7	'170.5	'172.7	'174.4	'174.4
Transportation equipment.....do.....	'122.8	'127.5	'126.9	'128.9	'127.6	'126.9	'126.8	'128.6	'133.2	'132.1	'128.0	'128.9	'126.5	'127.6	'128.0	'126.7
Motor vehicles and parts.....do.....	'111.9	'111.5	'109.6	'113.0	'110.3	'109.1	'109.7	'112.5	'118.2	'116.3	'110.1	'111.1	'107.4	'109.4	'109.1	'106.3
Instruments.....do.....	'139.3	'139.8	'139.7	'138.7	'139.1	'139.3	'140.2	'139.5	'142.0	'140.3	'142.8	'142.1	'144.5	'144.1	'146.1	'147.0
BUSINESS SALES																
Mfg. and trade sales (unadj.), total \$.....mil. \$.....	5,033,505	5,109,020	421,809	445,147	443,804	423,305	464,533	391,606	414,705	454,224	448,436	452,968	470,810	440,647	455,928	.....
Mfg. and trade sales (seas. adj.), total \$																

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986						1987							
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
GENERAL BUSINESS INDICATORS—Continued																
BUSINESS INVENTORIES																
Mfg. and trade inventories, book value (non-LIFO basis), end of period, (unadjusted), total †.....mil. \$.	642,031	643,308	649,368	651,113	665,568	666,333	643,308	651,595	660,705	667,650	672,221	673,898	673,618	674,002	671,721	
Mfg. and trade inventories, book value (non-LIFO basis), end of period, (seas. adj.), total ‡.....mil. \$.	650,695	652,705	655,553	652,978	656,619	656,189	652,705	659,036	660,470	663,010	665,877	671,609	674,753	677,743	678,819	
Manufacturing, total.....do.	326,780	318,172	*319,613	318,345	318,220	318,721	318,172	320,689	320,535	320,090	320,785	321,848	*321,621	323,333	325,106	
Durable goods industries.....do.	213,750	207,935	*209,684	209,438	209,170	209,373	207,935	209,090	208,644	207,987	208,683	209,096	*208,654	209,951	210,819	
Nondurable goods industries.....do.	113,030	110,237	*109,929	108,907	109,050	109,348	110,237	111,599	111,891	112,103	112,102	112,752	*112,967	113,382	114,287	
Retail trade, total.....do.	179,671	187,158	*188,001	186,034	190,645	189,264	187,158	189,000	190,527	193,355	195,042	197,088	200,039	*201,762	201,964	
Durable goods stores.....do.	90,791	94,985	*97,735	94,337	97,810	97,041	94,935	96,606	97,831	99,293	99,767	101,876	103,541	*104,385	104,264	
Nondurable goods stores.....do.	88,880	92,223	*90,266	91,697	92,835	92,223	92,223	92,394	92,696	94,062	95,275	95,212	96,498	*97,377	97,700	
Merchant wholesalers, total.....do.	135,833	147,375	*147,939	148,599	147,754	148,204	147,375	149,347	149,408	149,565	150,050	152,673	153,093	*152,648	151,749	
Durable goods establishments.....do.	87,421	95,710	*96,841	97,216	96,845	97,652	95,710	97,280	96,594	97,491	97,891	100,056	99,504	*99,099	98,708	
Nondurable goods establishments.....do.	48,412	51,665	*51,098	51,383	50,909	50,552	51,665	52,067	52,814	52,074	52,159	52,617	53,589	*53,549	53,041	
Mfg. and trade inventories in constant (1982) dollars, end of period(seas. adj.),total ‡.....bil. \$.			647.1	644.0	646.7	645.5	643.3	649.5	649.5	651.8	652.7	655.8	657.0	*658.3	656.8	
Manufacturing.....do.			319.1	318.2	317.7	317.9	317.0	319.6	319.6	318.3	318.7	319.3	317.2	*319.0	319.5	
Retail trade.....do.			175.7	173.1	177.1	175.7	174.8	177.2	177.7	181.1	181.4	182.3	185.0	*185.5	184.6	
Merchant wholesalers.....do.			152.4	152.7	152.0	151.8	151.5	152.7	152.6	152.4	152.5	154.1	154.8	*153.9	152.7	
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total †.....ratio..	*1.54	*1.54	1.55	1.49	1.53	1.53	1.47	1.55	1.49	1.49	1.50	1.50	1.49	1.50	1.48	
Manufacturing, total.....do.	*1.74	*1.70	1.71	1.67	1.67	1.67	1.61	1.69	1.64	1.62	1.64	1.63	1.60	1.62	1.63	
Durable goods industries.....do.	*2.20	*2.11	2.14	2.08	2.06	2.09	1.95	2.11	2.01	1.99	2.03	2.04	*2.00	2.04	2.03	
Materials and supplies.....do.	*.64	*.60	.61	.59	.58	.59	.56	.60	.57	.57	.58	.58	.57	.58	.58	
Work in process.....do.	*.99	*.97	.99	.96	.95	.96	.89	.96	.92	.91	.93	.93	.92	.94	.94	
Finished goods.....do.	*.56	*.54	.54	.52	.52	.54	.50	.54	.52	.51	.52	.52	.51	.52	.52	
Nondurable goods industries.....do.	*1.25	*1.24	*1.23	1.21	1.23	1.21	1.21	1.23	1.22	1.21	1.20	1.19	1.18	1.18	1.19	
Materials and supplies.....do.	*.48	*.48	.48	.47	.47	.47	.47	.47	.47	.47	.47	.47	.46	.46	.46	
Work in process.....do.	*.20	*.20	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	
Finished goods.....do.	*.56	*.57	.57	.55	.56	.55	.55	.56	.55	.55	.54	.54	.53	.53	.53	
Retail trade, total.....do.	*1.49	*1.53	*1.54	1.44	1.56	1.56	1.47	1.59	1.53	1.55	1.56	1.58	1.58	1.59	1.56	
Durable goods stores.....do.	*1.96	*2.01	*2.04	1.71	2.05	2.05	1.81	2.21	2.07	2.07	2.07	2.13	2.11	2.10	2.08	
Nondurable goods stores.....do.	*1.21	*1.23	1.22	1.24	1.25	1.24	1.23	1.23	1.21	1.23	1.24	1.24	1.25	1.26	1.25	
Merchant wholesalers, total.....do.	*1.17	*1.27	*1.02	1.26	1.26	1.26	1.24	1.28	1.21	1.22	1.22	1.23	1.23	1.21	1.17	
Durable goods establishments.....do.	*1.67	*1.72	1.77	1.71	1.70	1.72	1.65	1.74	1.63	1.64	1.66	1.68	1.65	1.63	1.60	
Nondurable goods establishments.....do.	*.75	.85	.86	.84	.84	.83	.85	.86	.83	.82	.81	.81	.83	.82	.78	
Manufacturing and trade in constant (1982) dollars, total ‡.....do.			1.52	1.48	1.51	1.51	1.47	1.54	1.48	1.50	1.50	1.51	1.51	1.51	1.50	
Manufacturing.....do.			1.67	1.66	1.66	1.66	1.62	1.67	1.62	1.63	1.64	1.65	1.63	1.63	1.64	
Retail trade.....do.			1.43	1.39	1.50	1.49	1.43	1.56	1.50	1.54	1.54	1.56	1.57	1.56	1.54	
Merchant wholesalers.....do.			1.31	1.27	1.28	1.28	1.27	1.30	1.24	1.24	1.24	1.26	1.27	1.26	1.25	
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS †																
Shipments (not seas. adj.), total.....mil. \$.	2,279,132	2,273,298	184,880	200,931	194,974	188,788	190,978	174,649	197,198	206,876	196,715	198,265	212,816	*185,228	197,498	
Durable goods industries, total.....do.	1,187,165	1,201,704	95,026	105,774	104,244	99,314	102,667	89,625	104,532	111,404	104,429	104,192	113,238	*93,412	100,628	
Stone, clay, and glass products.....do.	55,065	56,787	4,852	5,165	5,054	4,666	4,149	4,297	4,806	5,130	5,264	5,144	5,380	*4,909	5,014	
Primary metals.....do.	110,901	101,733	7,983	8,470	8,488	7,798	7,442	7,647	8,694	8,950	9,012	9,034	9,623	*8,684	8,240	
Blast furnaces, steel mills.....do.	48,137	42,830	3,199	3,991	3,457	3,189	3,108	3,240	3,634	3,713	3,846	3,928	4,198	*3,789	4,055	
Fabricated metal products.....do.	139,580	135,974	11,272	12,003	11,941	10,834	10,255	10,090	11,657	11,954	11,483	11,317	11,976	*10,392	11,078	
Machinery, except electrical.....do.	215,084	205,804	15,356	17,819	16,933	16,530	19,286	14,076	16,442	18,685	17,123	17,187	19,552	*16,400	16,668	
Electrical machinery.....do.	192,733	205,613	17,048	19,094	17,953	18,414	18,684	15,586	17,890	19,323	17,357	17,829	20,105	*16,636	18,807	
Transportation equipment.....do.	301,383	314,081	22,965	26,745	27,841	26,200	28,206	24,426	29,281	30,441	28,019	27,378	28,787	*20,674	22,934	
Motor vehicles and parts.....do.	188,534	194,725	13,748	16,904	17,342	15,476	15,424	16,322	19,635	19,106	18,145	17,512	17,700	*11,408	13,721	
Instruments and related products.....do.	61,009	60,860	4,984	5,343	5,356	5,126	5,382	4,439	5,075	5,494	4,972	5,185	5,724	*4,976	5,145	
Nondurable goods industries, total.....do.	1,091,967	1,071,594	89,854	95,157	90,730	89,474	88,311	85,024	92,666	95,472	92,286	94,073	99,578	*91,816	96,870	
Food and kindred products.....do.	301,557	314,500	26,449	28,600	27,534	26,911	26,804	25,019	27,005	27,847	26,922	27,531	28,662	*27,305	27,836	
Tobacco products.....do.	18,507	18,016	1,416	1,637	1,181	1,544	2,095	782	1,304	1,729	1,156	1,670	2,060	1,144	1,436	
Textile mill products.....do.	53,275	54,607	4,834	5,058	4,973	4,548	4,395	3,926	4,604	4,963	4,601	4,621	5,126	*4,171	5,046	
Paper and allied products.....do.	93,413	103,834	9,114	9,263	9,034	8,804	8,829	8,983	9,813	9,777	9,516	9,591	10,295	*9,772	10,029	
Chemical and allied products.....do.	197,314	198,348	16,236	17,594	15,996	15,651	16,483	16,633	17,509	18,094	17,986	18,109	18,892	*16,577	17,689	
Petroleum and coal products.....do.	179,134	129,320	10,858	10,052	9,375	9,657	9,688	9,768	9,807	10,101	10,324	10,756	11,218	*11,598	11,698	
Rubber and plastics products.....do.	71,323	72,170	5,879	6,410	6,407	6,016	5,563	5,859	6,730	6,782	6,646	6,598	7,041	*5,825	6,216	
Shipments (seas. adj.), total.....do.			*187,249	190,305	190,403	190,532	197,707	189,956	195,608	197,430	195,958	196,929	200,591	*199,395	199,962	
By industry group:																
Durable goods industries, total #.....do.			*98,185	100,881	101,528	100,218	106,739	99,318	103,601	104,750	102,747	102,477	104,476	*103,032	103,882	
Stone, clay, and glass products.....do.			*4,629	4,732	4,773	4,770	4,795	4,963	5,131	5,140	5,064	4,961	4,946	*4,934	4,792	
Primary metals.....do.			*7,998	8,558	8,417	8,189	8,239	8,002	8,375	8,395	8,491	8,643	9,018	*9,336	9,258	
Blast furnaces, steel mills.....do.			*3,237	3,480	3,492	3,357	3,394	3,317	3,468	3,510	3,605	3,721	3,879	*4,077	4,096	
Fabricated metal products.....do.			*11,207	11,466	11,360	11,053	11,378	10,885	11,682	11,498	11,357	11,062	11,202	*11,013	10,976	
Machinery, except electrical.....do.			*16,672	16,848	16,697	16,672	17,664	16,729	16,841	17,035	17,086	17,110	17,328	*18,095	18,095	
Electrical machinery.....do.			*17,413	17,703	17,650	18,133	18,148	17,673	17,876	18,033	17,872	18,326	18,527	*18,801	19,185	
Transportation equipment.....do.																

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS ↑—Continued																
Shipments (seas. adj.)—Continued																
By market category:																
Home goods and apparel.....mil. \$.	'151,322	'153,075	'12,790	13,150	12,695	12,973	13,166	13,164	13,199	13,306	13,330	13,438	13,746	'13,518	13,564	.....
Consumer staples.....do	'420,808	'447,890	'37,939	38,485	38,213	38,821	38,707	38,088	38,444	38,537	38,897	39,477	40,151	'39,604	39,706	.....
Equipment and defense products, except auto.....do	'372,118	'372,198	'30,878	30,602	31,058	31,231	33,237	29,740	30,269	32,114	31,169	31,151	32,000	'32,516	32,397	.....
Automotive equipment.....do	'211,994	'217,223	'17,485	18,443	18,606	17,235	20,320	18,683	20,152	19,399	18,852	18,844	18,379	'16,493	17,638	.....
Construction materials, supplies, and intermediate products.....do	'172,743	'179,596	'14,753	15,140	15,202	15,135	15,097	15,531	16,511	16,262	15,931	15,619	15,745	'16,117	15,691	.....
Other materials, supplies, and intermediate products.....do	'950,147	'903,316	'73,404	74,985	74,629	75,137	77,180	74,750	77,033	77,812	77,779	78,900	80,570	'81,147	80,966	.....
Supplementary series:																
Household durables.....do	'67,841	'71,541	'6,113	6,398	6,111	6,165	6,279	6,191	6,199	6,132	6,175	6,294	6,445	'6,164	6,329	.....
Capital goods industries.....do	'420,692	'428,686	'35,053	35,552	36,268	36,804	39,383	34,112	35,187	37,227	36,079	36,211	37,289	'37,012	37,330	.....
Nondefense.....do	'323,845	'321,761	'26,457	26,651	27,008	26,932	28,727	25,836	26,794	27,353	27,319	26,974	27,852	'28,106	28,540	.....
Defense.....do	'96,847	'106,925	'8,596	8,901	9,260	9,872	10,656	8,276	8,398	9,874	8,760	9,237	9,437	'8,906	8,790	.....
Inventories, end of year or month:																
Book value (non-LIFO basis):																
(unadjusted), total.....do	322,279	313,697	320,859	317,705	318,267	317,803	313,697	318,669	321,166	320,743	322,973	324,696	322,472	'324,070	326,362	.....
Durable goods industries, total.....do	209,834	204,025	210,884	209,380	208,819	207,932	204,025	206,933	208,809	208,758	210,363	211,505	209,890	'210,939	212,015	.....
Nondurable goods industries, total.....do	112,445	109,672	109,975	108,325	109,448	109,871	109,672	111,736	112,357	111,985	112,615	113,191	112,582	'113,131	114,347	.....
Book value (non-LIFO basis), (seasonally adjusted), total.....do																
326,780	318,172	'319,613	318,345	318,220	318,721	318,172	320,689	320,535	320,090	320,785	321,848	321,621	'323,333	325,106	.....
By industry group:																
Durable goods industries, total #.....do																
213,750	207,935	'209,684	209,438	209,170	209,373	207,935	209,090	208,644	207,987	208,683	209,096	208,654	'209,951	210,819	.....
Stone, clay, and glass products.....do	7,081	6,961	'7,111	6,914	6,910	7,001	6,961	7,139	6,990	7,021	6,988	7,015	6,973	'7,020	7,069	.....
Primary metals.....do	19,670	17,294	'17,591	17,147	16,879	16,921	17,294	17,225	16,859	16,587	16,520	16,313	16,228	'16,229	16,451	.....
Blast furnaces, steel mills.....do	9,598	7,784	'8,206	7,860	7,604	7,684	7,784	7,834	7,618	7,450	7,381	7,287	7,270	'7,296	7,412	.....
Fabricated metal products.....do	22,250	21,207	'21,579	21,504	21,413	21,231	21,207	21,373	21,367	21,433	21,366	21,343	21,223	'21,402	21,470	.....
Machinery, except electrical.....do	45,480	41,650	'42,495	42,386	42,360	42,339	41,607	41,418	41,384	41,081	41,228	41,092	40,902	'40,824	40,929	.....
Electrical machinery.....do	38,184	38,774	'39,520	39,494	39,394	39,215	38,774	39,049	39,085	38,995	39,164	39,277	39,220	'39,277	39,384	.....
Transportation equipment.....do	52,051	52,638	'52,726	53,313	53,435	53,601	52,638	53,373	53,311	53,271	53,735	54,084	54,199	'55,092	55,534	.....
Motor vehicles and parts.....do	11,638	11,119	'11,025	10,976	10,979	11,353	11,119	11,067	11,059	11,203	11,082	11,188	11,155	'11,160	10,956	.....
Instruments and related products.....do	12,730	12,620	'12,484	12,647	12,670	12,763	12,620	12,615	12,681	12,509	12,459	12,544	12,461	'12,511	12,542	.....
By stage of fabrication:																
Materials and supplies.....do	62,163	59,357	'59,478	59,531	59,043	59,106	59,357	59,817	59,499	59,230	59,770	59,723	59,759	'59,417	59,851	.....
Work in process.....do	97,219	95,445	'97,011	97,042	96,932	96,411	95,445	95,589	95,617	95,052	95,335	95,768	96,060	'96,904	97,304	.....
Finished goods.....do	54,368	53,133	'53,195	52,865	53,195	53,856	53,133	53,684	53,528	53,705	53,578	53,605	52,835	'53,630	53,664	.....
Nondurable goods industries, total #.....do																
113,030	110,237	'109,929	108,907	109,050	109,348	110,237	111,599	111,891	112,103	112,102	112,752	112,967	'113,382	114,287	.....
Food and kindred products.....do	23,559	23,575	'25,414	25,549	25,633	23,594	23,575	23,792	23,677	26,440	26,379	26,604	26,492	'26,505	26,684	.....
Tobacco products.....do	5,928	5,634	'5,501	5,448	5,467	5,550	5,684	5,658	5,639	5,688	5,712	5,803	5,928	'5,936	5,911	.....
Textile mill products.....do	7,123	6,506	'6,683	6,654	6,494	6,505	6,506	6,755	6,806	6,871	6,868	6,810	6,751	'6,796	6,938	.....
Paper and allied products.....do	9,908	10,429	'10,361	10,319	10,251	10,326	10,429	10,555	10,684	10,837	10,817	10,909	10,906	'10,923	11,015	.....
Chemicals and allied products.....do	25,145	27,021	'25,975	25,955	26,171	26,260	27,021	27,286	27,288	26,921	26,867	26,783	26,465	'26,862	26,837	.....
Petroleum and coal products.....do	14,006	9,844	'10,369	9,940	9,913	9,793	9,844	9,968	10,225	10,387	10,290	10,227	10,348	'10,546	10,971	.....
Rubber and plastics products.....do	8,561	8,630	'8,422	8,471	8,396	8,485	8,630	8,660	8,634	8,567	8,565	8,677	8,647	'8,803	9,140	.....
By stage of fabrication:																
Materials and supplies.....do	42,865	42,898	'42,502	42,100	42,150	42,133	42,898	42,757	43,023	43,178	43,624	44,045	44,184	'44,394	44,603	.....
Work in process.....do	18,775	17,304	'17,021	17,112	17,245	17,247	17,304	17,709	17,914	18,003	17,832	18,029	18,134	'18,291	18,291	.....
Finished goods.....do	51,390	50,035	'50,406	49,695	49,655	49,968	50,035	51,189	50,954	50,922	50,646	50,678	50,649	'50,954	51,393	.....
By market category:																
Home goods and apparel.....do	24,398	24,904	'24,746	24,566	24,678	24,876	24,904	25,339	25,550	25,672	25,666	25,783	25,613	'25,853	25,823	.....
Consumer staples.....do	40,398	41,098	'41,104	40,580	40,789	40,968	41,098	41,637	41,563	41,668	41,580	41,988	42,592	'42,135	42,016	.....
Equip. and defense prod., exc. auto.....do	95,732	92,116	'93,642	93,960	93,942	93,654	92,116	92,373	92,140	91,703	92,173	92,316	92,225	'92,632	93,326	.....
Automotive equipment.....do	14,233	13,392	'13,561	13,502	13,392	13,696	13,392	13,382	13,482	13,599	13,486	13,591	13,544	'13,566	13,439	.....
Construction materials, supplies, and intermediate products.....do	23,288	22,682	'22,488	22,178	22,187	22,366	22,682	23,027	22,777	22,926	23,015	23,186	23,180	'23,398	23,445	.....
Other materials, supplies, and intermediate products.....do	128,731	123,980	'124,072	123,559	123,292	123,161	123,980	124,931	125,023	124,522	124,865	124,984	124,467	'125,749	127,057	.....
Supplementary series:																
Household durables.....do	12,050	12,908	'12,634	12,517	12,631	12,790	12,908	13,094	13,196	13,219	13,196	13,295	13,164	'13,263	13,111	.....
Capital goods industries.....do	107,930	105,660	'107,517	107,955	107,919	107,588	105,660	106,395	106,264	105,678	106,652	106,804	106,751	'107,581	108,393	.....
Nondefense.....do	76,480	71,787	'73,707	73,701	73,359	73,179	71,787	72,231	72,044	71,585	71,936	71,938	71,902	'71,982	72,345	.....
Defense.....do	31,450	33,873	'33,810	34,254	34,560	34,409	33,873	34,164	34,093	34,716	34,866	34,849	35,599	'36,045	36,045	.....
New orders, net (unadj.), total.....do																
2,287,566	2,273,781	'185,208	193,758	189,407	190,999	197,042	186,635	194,333	199,399	200,624	201,397	205,454	'206,065	202,532	.....
Durable goods industries, total.....do																
1,195,204	1,201,566	'96,303	103,468	100,392	100,658	105,966	95,546	101,932	106,213	106,977	106,992	109,181	'109,213	106,270	.....
Primary metals.....do	110,214	'102,155	'8,685	8,955	8,252	8,258	9,180	7,333	8,231	8,789	9,285	9,509	9,976	'9,718	9,437	.....
Blast furnaces, steel mills.....do	48,305	'43,560	'3,886	4,004	3,203	3,418	3,977	2,862	3,411	3,780	4,381	4,241	4,541	'4,380	4,163	.....
Nonferrous and other primary metals.....do	51,062	'48,103	'3,990	4,120	4,067	4,056	4,250	3,709	4,056	4,293	4,149	4,398	4,695	'4,542	4,450	.....
Fabricated metal products.....do	137,592	'134,969	'10,922	11,317	11,187	11,155	11,724	10,847	11,244	11,576	11,219	11,036	11,603	'11,261	10,999	.....
Machinery, except electrical.....do	212,976	'199,601	'16,516	16,574	16,124	16,800	16,499	16,021	16,814	17,209	17,667	17,583	17,496	'18,864	18,339	.....
Electrical machinery.....do	200,353	'207,800	'16,935	17,864	18,054	17,378	18,803	15,915	17,053	16,479	17,009	18,353	18,772	'19,421	19,275	.....
Transportation equipment.....do	806,355	'818,641	'23,606	28,391	26,757	27,074										

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS †—Continued																
Unfilled orders, end of period (unadjusted), total.....mil. \$..	369,927	370,410	368,883	370,253	368,124	368,602	370,410	372,193	373,797	377,900	382,003	383,901	385,183	*390,995	391,481	
Durable goods industries, total.....do.....	359,674	359,536	358,356	359,423	357,286	357,858	359,536	360,672	361,749	365,384	368,972	370,981	372,099	*377,287	377,688	
Nondurable goods industries with unfilled orders ‡.....do.....	10,253	10,874	10,527	10,830	10,838	10,744	10,874	11,521	12,048	12,566	13,031	12,920	13,084	*13,708	13,793	
Unfilled orders, end of period (seasonally adjusted) total.....mil. \$..	373,495	373,849	*371,804	375,043	374,047	374,514	373,849	370,526	369,251	371,220	375,886	380,354	385,217	*391,887	394,457	
By industry group:																
Durable goods industries, total #.....do.....	363,030	362,745	*361,361	364,214	363,078	363,518	362,745	358,971	357,302	358,765	362,995	367,510	372,215	*378,396	380,784	
Primary metals.....do.....	17,024	17,447	*16,317	16,662	16,497	16,566	17,447	16,778	16,634	17,028	17,822	18,688	19,646	*20,028	20,207	
Blast furnaces, steel mills.....do.....	8,486	9,228	*8,370	8,873	8,584	8,645	9,228	8,773	8,716	8,986	9,762	10,282	10,944	*11,247	11,314	
Nonferrous and other primary metals.....do.....	6,070	5,417	*5,314	5,158	5,145	5,218	5,417	5,234	5,206	5,427	5,463	5,679	5,998	*6,048	6,148	
Fabricated metal products.....do.....	19,996	18,977	*18,858	18,702	18,529	18,631	18,977	18,939	18,501	18,579	18,441	18,415	18,816	*19,064	19,087	
Machinery, except electrical.....do.....	61,765	55,525	*57,263	57,135	56,562	56,690	55,525	54,816	54,789	54,963	55,544	56,017	56,185	*56,954	57,198	
Electrical machinery.....do.....	91,759	93,932	*93,414	93,628	94,032	93,277	93,982	92,174	91,351	89,792	91,629	91,656	92,801	*93,421	93,511	
Transportation equipment.....do.....	156,839	161,315	*159,596	161,942	161,571	162,642	161,315	160,071	159,723	161,478	162,671	165,919	167,728	*171,590	173,388	
Aircraft, missiles, and parts.....do.....	132,730	138,180	*134,967	137,322	137,100	138,865	138,180	137,580	137,676	138,309	139,064	141,099	141,890	*146,017	147,614	
Nondurable goods industries with unfilled orders ‡.....do.....	10,465	11,104	*10,443	10,829	10,969	10,996	11,104	11,555	11,949	12,455	12,891	12,844	13,002	*13,491	13,673	
By market category:																
Home goods and apparel.....do.....	3,438	3,501	*4,175	4,200	4,007	3,808	3,501	3,950	4,197	4,621	4,611	4,645	4,567	*4,717	4,763	
Consumer staples.....do.....	781	784	*770	722	699	734	784	729	727	737	746	703	699	*690	681	
Equip. and defense prod., excl. auto.....do.....	238,337	239,542	*238,918	240,219	239,776	240,533	239,542	237,033	235,893	235,043	237,345	241,369	244,022	*247,525	248,946	
Automotive equipment.....do.....	5,766	5,544	*5,420	5,443	5,682	5,637	5,544	5,508	5,535	5,661	5,776	6,009	6,014	*5,931	5,839	
Construction materials, supplies, and intermediate products.....do.....	10,888	10,496	*10,409	10,300	10,228	10,216	10,496	10,389	10,000	10,026	9,925	9,913	9,958	*10,050	10,190	
Other materials, supplies, and intermediate products.....do.....	114,285	113,982	*112,112	114,154	113,655	113,586	113,982	112,917	112,899	115,132	117,488	117,715	119,957	*122,974	123,988	
Supplementary series:																
Household durables.....do.....	2,912	3,090	*3,601	3,613	3,435	3,285	3,090	3,432	3,525	3,897	3,822	3,881	3,832	*3,893	3,914	
Capital goods industries.....do.....	289,266	290,672	*290,342	292,311	292,119	293,095	290,672	288,036	286,685	286,851	290,088	293,349	296,624	*301,517	303,124	
Nondefense.....do.....	129,814	128,067	*125,837	126,474	127,113	127,482	129,076	129,008	129,113	130,104	133,161	135,296	139,172	*139,172	140,019	
Defense.....do.....	159,452	162,605	*164,505	166,337	165,006	165,613	162,605	159,028	157,615	157,738	159,984	160,188	161,328	*162,345	163,105	
BUSINESS INCORPORATIONS @																
New incorporations (50 States and Dist. Col.):																
Unadjusted.....number.....	662,047	702,101	52,531	55,476	59,764	48,098	68,845	54,401	55,406	65,536	62,679	55,548	61,412			
Seasonally adjusted.....do.....			56,647	57,310	57,190	56,453	65,692	54,455	59,385	60,907	58,252	54,993	65,895			
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total.....number.....	57,252	61,183	5,904	4,468	6,172	4,644	4,579	5,613	5,390	5,603	5,320	6,331	4,937			
Commercial service.....do.....	16,647	20,911	2,016	1,543	2,185	1,725	1,759	2,103	1,993	2,149	1,905	2,443	2,085			
Construction.....do.....	7,004	7,035	693	541	689	519	517	596	559	622	562	698	542			
Manufacturing and mining.....do.....	5,662	5,641	605	424	545	432	422	472	483	488	445	469	367			
Retail trade.....do.....	13,501	13,509	1,256	930	1,376	1,022	870	1,176	1,171	1,069	1,060	1,228	898			
Wholesale trade.....do.....	4,835	4,808	451	366	466	364	324	370	386	368	388	426	351			
Liabilities (current), total.....mil. \$..	36,914.1	43,961.0	3,685.0	3,377.2	4,099.5	1,973.8	3,867.9	3,446.6	2,921.1	2,662.7	2,024.8	2,872.4	2,742.3			
Commercial service.....do.....	6,472.6	8,375.2	753.3	495.5	712.2	502.5	782.6	807.5	852.1	619.5	708.4	907.1	659.0			
Construction.....do.....	2,011.9	1,832.5	256.0	126.9	163.2	93.1	170.5	131.7	134.9	599.5	209.9	290.5	169.0			
Manufacturing and mining.....do.....	7,162.6	9,269.0	748.9	1,529.5	326.0	284.2	250.2	611.7	386.0	393.1	217.9	309.0	586.7			
Retail trade.....do.....	2,908.4	2,740.2	321.0	200.8	224.0	207.7	156.1	257.5	415.6	172.0	171.4	182.6	118.4			
Wholesale trade.....do.....	2,831.6	1,958.3	112.0	134.7	207.6	86.6	83.9	118.5	194.7	148.0	97.4	113.0	98.0			
Failure annual rate (seasonally adjusted) No. per 10,000 concerns																

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS †																
Prices received, all farm products.....1910-14=100..																
Crops #.....do.....	518	459	439	420	420	442	428	429	430	440	442	470	478	457	*445	457
Commercial vegetables.....do.....	633	644	610	651	662	710	595	741	704	735	703	681	636	667	*633	724
Cotton.....do.....	474	462	395	404	398	453	462	431	403	422	444	547	604	605	*551	551
Feed grains and hay.....do.....	385	309	274	243	240	250	254	249	247	253	264	290	285	272	*260	264
Food grains.....do.....	365	300	249	250	253	266	271	274	280	280	283	288	267	252	*258	274
Fruit.....do.....	669	618	695	641	671	706	620	594	647	628	613	629	736	620	*651	670
Tobacco.....do.....	1,492	1,339	1,243	1,320	1,266	1,273	1,273	1,260	1,268	1,274	1,266	1,266	1,266	1,233	1,230	1,323
Livestock and products #.....do.....	654	666	713	704	697	699	678	682	692	685	710	714	722	715	*725	729
Dairy products.....do.....	779	766	752	783	807	820	820	813	789	764	752	784	728	734	*752	771
Meat animals.....do.....	802	817	887	874	848	848	824	845	877	880	932	954	977	960	*965	963
Poultry and eggs.....do.....	271	293	337	310	313	311	284	268	262	253	256	245	237	239	250	255
Prices paid:																
Production items.....do.....	874	839			824			829			852			861		
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100..	1,120	1,097			1,089			1,091			1,116			1,127		
Parity ratio \$.....do.....	52	51			51			51			51			52		
CONSUMER PRICES ◊ (U.S. Department of Labor Indexes)																
Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W).....1967=100..																
	318.5	323.4	323.4	324.9	325.0	325.4	325.7	327.7	329.0	330.5	332.3	333.4	334.9	335.6	337.4	339.1
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U).....1967=100..																
	322.2	328.4	328.6	330.2	330.5	330.8	331.1	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7	344.4
Special group indexes:																
All items less shelter.....do.....	303.9	306.7	306.4	307.9	307.8	308.0	308.3	310.3	311.5	312.9	314.6	315.6	317.1	317.4	319.0	320.9
All items less food.....do.....	323.3	328.6	328.1	330.0	330.2	330.4	330.6	332.2	333.6	335.4	337.3	338.3	339.6	340.5	342.7	344.6
All items less medical care.....do.....	317.7	322.6	322.6	324.2	324.4	324.5	324.8	326.7	328.0	329.4	331.1	332.2	333.5	334.1	336.0	337.7

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
COMMODITY PRICES—Continued																
CONSUMER PRICES †—Continued																
<i>(U.S. Department of Labor Indexes)—Continued</i>																
Not Seasonally Adjusted																
All items (CPI-U)—Continued																
Commodities.....1967=100	286.7	283.9	281.9	283.5	283.6	284.0	284.2	286.3	287.7	289.5	291.4	292.3	292.8	292.8	294.2	296.1
Nondurables.....do	293.2	289.6	287.4	289.4	289.0	289.2	289.5	292.1	294.6	296.8	299.1	300.0	300.5	300.1	302.3	304.9
Nondurables less food.....do	277.2	262.2	255.6	258.9	257.8	257.4	257.5	259.2	262.6	266.4	269.6	270.0	269.8	269.5	273.1	276.8
Durables.....do	270.7	270.2	269.0	269.3	270.5	271.8	271.7	272.4	271.2	273.0	273.6	274.2	274.2	274.9	274.6	274.6
Commodities less food.....do	272.5	263.4	259.0	261.1	260.9	261.2	261.2	262.5	264.0	266.5	268.9	269.4	269.5	269.6	271.6	273.8
Services.....do	381.5	400.5	403.7	405.5	406.1	406.1	406.6	408.6	409.9	411.2	412.8	414.2	416.7	418.3	420.7	422.4
Food #.....do	309.8	319.7	322.7	323.2	323.7	324.6	325.2	328.9	330.1	330.0	331.0	332.5	334.1	333.6	333.8	334.9
Food at home.....do	296.8	305.3	308.9	309.0	309.5	309.9	310.2	315.2	316.6	315.8	316.9	318.8	320.4	319.1	319.0	319.8
Housing.....do	349.9	360.2	362.4	363.7	363.0	361.7	362.1	363.9	365.1	366.4	367.7	368.9	371.3	372.5	374.9	375.4
Shelter #.....do	382.0	402.9	405.2	407.6	409.5	410.2	410.4	412.3	414.0	415.9	418.0	419.2	420.2	422.1	425.1	426.2
Rent, residential.....do	264.6	280.0	281.7	283.2	284.6	285.6	286.0	287.1	288.0	288.8	289.4	289.6	291.2	293.1	294.5	294.5
Homeowners' cost.....Dec. 1982=100	113.1	119.4	119.9	120.7	121.3	121.5	121.6	122.0	122.5	123.0	123.6	124.0	124.2	124.4	125.4	126.0
Fuel and utilities #.....1967=100	393.6	384.7	389.5	388.3	379.1	371.1	371.0	373.7	374.8	374.9	374.2	377.5	387.6	388.1	391.1	389.8
Fuel oil, coal, and bottled gas.....do	619.5	501.5	447.3	453.5	451.9	452.0	460.6	487.9	503.2	500.6	500.5	497.7	498.6	497.9	502.3	501.0
Gas (piped) and electricity.....do	452.7	446.7	464.5	461.1	441.4	426.7	425.3	428.8	428.9	428.7	425.9	433.3	456.8	454.8	459.4	457.4
Household furnishings and operation.....do	247.2	250.4	250.5	251.5	251.6	251.2	252.4	253.1	253.5	254.3	255.2	254.9	254.9	255.1	255.4	255.8
Apparel and upkeep.....do	206.0	207.8	207.0	212.1	213.2	213.1	210.9	207.1	208.4	215.2	218.7	218.0	214.5	210.5	214.7	222.2
Transportation.....do	319.9	307.5	301.3	302.2	302.6	304.3	304.8	308.5	310.0	310.6	313.3	314.6	316.7	318.5	320.2	320.4
Private.....do	314.2	299.5	292.8	293.7	294.1	295.8	295.9	299.8	301.3	301.9	304.8	306.3	308.6	310.5	312.0	312.1
New cars.....do	215.2	224.4	224.7	224.5	227.1	230.7	232.2	239.0	230.2	229.4	230.4	231.3	232.0	232.7	232.1	231.6
Used cars.....do	379.7	363.2	358.0	359.5	360.6	361.0	356.6	354.6	356.9	363.0	371.6	373.6	385.0	385.7	387.3	387.3
Public.....do	402.8	426.4	428.0	428.5	428.3	431.7	437.5	438.9	439.8	441.4	440.8	439.6	438.1	438.3	442.8	445.1
Medical care.....do	403.1	433.5	437.5	439.7	442.3	444.6	446.8	449.6	452.4	455.0	457.3	458.9	461.3	464.1	466.1	467.8
Seasonally Adjusted †																
All items, percent change from previous month.....1967=100																
Commodities.....do			2	3	2	2	2	7	4	4	4	3	4	2	5	2
Commodities less food.....do			282.2	283.2	283.2	283.6	283.9	286.6	287.9	289.3	290.8	291.9	293.0	293.5	294.5	295.5
Food.....do			259.9	260.8	260.2	260.1	260.2	263.5	264.8	267.0	268.8	269.5	270.0	271.0	272.3	273.0
Food at home.....do			322.7	323.9	325.2	326.5	327.2	328.6	329.6	329.2	330.2	332.0	334.4	333.8	333.9	335.6
Apparel and upkeep.....do			208.0	208.9	209.0	209.6	209.5	210.4	211.8	215.4	218.6	219.1	217.3	215.9	216.0	218.3
Transportation.....do			301.3	302.2	302.5	303.6	303.6	303.3	309.8	311.8	313.4	314.4	316.0	317.8	320.0	320.5
Private.....do			292.9	293.8	294.1	295.1	294.8	299.6	301.2	303.2	305.0	306.0	307.9	309.8	311.8	312.2
New cars.....do			225.9	226.4	228.0	229.7	230.9	231.8	229.3	229.4	230.4	231.1	232.0	233.2	233.3	238.5
Services.....do			403.0	403.9	405.3	406.7	407.8	409.6	411.1	412.6	414.1	415.3	416.8	418.0	420.3	420.4
PRODUCER PRICES §																
<i>(U.S. Department of Labor Indexes)</i>																
Not Seasonally Adjusted																
All commodities.....1967=100	308.7	299.8	297.2	297.5	298.4	298.7	298.5	300.9	302.2	302.7	305.0	*307.1	308.5	310.2	310.5	310.4
By stage of processing:																
Crude materials for further processing.....do	306.1	280.3	276.3	275.4	277.2	279.2	277.0	284.2	287.2	288.6	295.3	*302.9	304.9	307.8	307.7	305.4
Intermediate materials, supplies, etc.....do	318.7	307.6	304.5	306.1	304.8	304.8	305.0	307.0	308.9	309.3	311.0	*313.1	314.8	317.1	318.2	318.9
Finished goods #.....do	293.7	289.7	288.1	287.3	290.7	290.7	290.4	291.8	292.3	292.6	294.9	*295.8	296.8	297.8	297.2	296.7
Finished consumer goods.....do	291.8	284.9	283.0	282.5	285.2	285.1	284.8	286.2	287.1	287.5	290.1	*291.3	292.7	293.8	293.0	292.7
Capital equipment.....do	300.5	306.4	306.2	303.9	309.9	310.4	310.1	311.2	310.7	310.5	311.8	*311.8	311.6	312.1	312.1	311.0
By durability of product:																
Durable goods.....do	297.3	300.0	299.9	298.8	302.2	302.4	302.1	302.9	302.8	303.4	304.3	*304.7	305.2	306.2	306.9	307.4
Nondurable goods.....do	317.2	298.8	294.2	295.6	294.4	294.8	294.7	298.2	300.7	301.1	304.4	*307.7	309.8	312.0	310.1	311.5
Total manufactures.....do	304.3	297.6	295.5	296.0	297.0	297.1	297.2	299.5	300.7	300.8	303.0	304.4	305.4	306.8	307.5	307.5
Durable manufactures.....do	298.1	300.8	300.8	299.6	303.1	303.3	302.9	303.3	304.1	305.0	*305.3	305.4	306.3	306.9	307.1	307.1
Nondurable manufactures.....do	310.5	294.0	289.7	292.1	290.4	290.5	291.0	294.7	297.4	297.0	300.5	*303.0	304.9	306.8	307.7	307.5
Farm products, processed foods and feeds.....do	250.5	251.9	255.5	254.0	254.8	255.5	254.7	251.6	252.8	252.0	257.1	*263.7	263.0	261.8	258.6	260.0
Farm products.....do	280.5	225.2	227.0	224.1	227.4	230.1	227.4	220.8	222.9	223.3	231.9	*242.0	239.1	236.3	231.1	232.1
Foods and feeds, processed.....do	260.4	265.1	269.6	269.0	268.4	267.9	268.2	266.8	267.6	266.2	269.5	*274.3	274.8	274.4	272.1	273.7
Industrial commodities.....do	323.8	312.2	307.9	308.7	309.6	309.8	309.8	313.5	314.9	315.7	317.3	*318.3	320.2	322.6	323.8	323.3
Chemicals and allied products.....do	303.2	299.8	297.0	297.5	298.2	298.6	298.1	301.1	302.8	304.9	307.4	*309.6	313.0	313.9	312.8	314.1
Fuels and related prod., and power.....do	633.6	483.5	438.4	452.6	438.8	438.5	439.6	461.6	471.5	473.2	478.9	*483.0	494.0	505.7	511.8	501.1
Furniture and household durables.....do	221.6	224.0	224.2	224.2	224.6	224.9	224.9	225.5	225.7	226.1	226.8	*227.2	227.0	227.4	228.0	228.1
Hides, skins, and leather products.....do	286.1	296.7	297.0	296.4	297.8	299.3	301.6	301.9	302.0	305.9	310.6	*317.0	316.2	317.8	318.5	321.4
Lumber and wood products.....do	303.6	305.3	307.2	308.8	307.1	307.5	306.8	307.9	311.6	314.8	315.2	*315.2	317.0	320.4	321.7	331.1
Machinery and equipment.....do	298.9	303.3	304.1	304.2	304.5	304.9	305.2	306.1	306.5	306.7	306.7	*307.1	306.7	307.8	308.2	308.4
Metals and metal products.....do	314.9	311.2	311.1	311.7	311.9	312.0	311.7	312.8	313.2	313.8	315.0	*317.4	319.0	321.9	324.7	327.7
Nonmetallic mineral products.....do	347.8	352.1	351.8	351.4	351.3	351.1	350.0	350.0	350.8	351.2	351.9	*351.8	352.3	352.6	352.9	352.5
Pulp, paper, and allied products.....do	327.2	335.3	336.4	337.3	339.4	340.4	340.9	345.0	347.4	348.1	349.2	*349.2	349.7	351.5	352.7	354.9
Rubber and plastics products.....do	245.9	245.9	246.2	245.7	245.1	244.4	244.2	245.0	245.2	244.8	245.6	246.1	247.0	248.3	249.2	250.0
Textile products and apparel.....do	210.4	211.2	211.2	211.1	211.2	211.3	211.4	212.0	212.1	212.5	213.1	*213.5	214.3	215.5	215.9	216.9
Transportation equip. #.....Dec. 1968=100	269.5	276.0	274.7	268.4	282.6	282.4	281.5	282.3	279.9	280.5	282.2	*280.6	281.6	2		

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE @																
New construction (unadjusted), total.....mil. \$..	355,994	388,818	37,677	38,314	36,787	33,446	29,241	25,536	26,065	28,435	*30,503	*33,824	*37,019	*36,196	38,159	.....
Private, total #.....do.....	291,665	316,589	30,055	30,352	29,770	27,581	24,156	20,913	21,667	23,520	*24,835	*27,573	*30,069	*28,850	30,387	.....
Residential.....do.....	158,474	187,148	18,861	19,231	17,880	16,712	13,469	12,049	12,683	14,049	15,003	17,030	*19,655	*18,422	19,593	.....
New housing units.....do.....	114,662	133,192	13,043	12,983	12,818	12,043	10,180	9,302	8,730	10,294	10,976	11,927	*12,662	*13,165	13,380	.....
Nonresidential buildings, except farm and public utilities, total #.....mil. \$..	95,317	91,171	7,913	7,972	8,363	7,678	7,482	6,322	6,438	6,698	6,864	7,452	7,149	*7,094	7,479	.....
Industrial.....do.....	15,769	13,747	1,154	1,174	1,333	1,148	1,171	897	909	872	900	1,105	1,028	*982	1,105	.....
Commercial.....do.....	59,628	56,761	4,970	4,987	5,077	4,720	4,509	3,772	3,855	4,020	4,143	4,475	4,257	*4,207	4,509	.....
Public utilities:																
Telephone and telegraph.....do.....	7,484	8,427	724	760	816	692	688	528	557	673	678	711	767	762	.....	.....
Public, total #.....do.....	64,328	72,228	7,622	7,962	7,016	5,915	5,085	4,623	4,398	4,915	*5,669	*6,251	*6,950	*7,346	7,772	.....
Buildings (excl. military) #.....do.....	20,172	23,494	2,240	2,393	2,114	2,070	1,903	1,896	1,813	1,959	*2,035	*2,150	*2,146	*2,251	2,360	.....
Housing and redevelopment.....do.....	1,511	1,456	137	137	124	141	119	125	119	132	112	*121	*131	*133	132	.....
Industrial.....do.....	1,968	1,657	126	170	118	119	121	139	117	151	103	*140	*119	*108	119	.....
Military facilities.....do.....	3,283	3,919	347	423	297	334	359	342	234	324	*284	*366	*363	360	328	.....
Highways and streets.....do.....	21,756	23,359	2,937	2,822	2,595	1,683	1,190	960	849	1,059	1,428	1,942	2,420	*2,626	2,720	.....
New construction (seasonally adjusted at annual rates), total.....bil. \$..			395.3	400.1	394.9	390.6	380.2	384.7	401.6	388.3	*396.2	*396.7	*393.9	*393.4	399.6	.....
Private, total #.....do.....			322.6	324.9	322.9	320.4	306.8	310.2	326.5	312.2	*320.5	*321.4	*321.0	*319.6	325.1	.....
Residential.....do.....			194.0	198.8	192.6	194.5	181.7	187.8	203.1	190.8	195.5	195.9	*200.9	*197.9	200.6	.....
New housing units.....do.....			136.5	137.6	139.0	138.5	137.6	137.3	137.0	139.5	139.7	139.4	*138.2	*137.8	139.3	.....
Nonresidential buildings, except farm and public utilities, total #.....bil. \$..			90.5	88.8	92.2	88.9	89.7	85.1	87.6	86.4	*84.8	*88.7	*83.5	*83.3	85.5	.....
Industrial.....do.....			13.2	13.0	14.6	13.4	13.2	12.1	12.1	11.4	11.5	*13.4	*12.2	*11.8	12.6	.....
Commercial.....do.....			56.6	55.2	56.1	54.2	54.8	50.9	53.1	52.3	50.9	*53.2	*49.7	*49.4	51.3	.....
Public utilities:																
Telephone and telegraph.....do.....			8.3	8.5	8.7	8.4	8.2	8.1	8.1	8.2	8.2	8.6	8.2	8.6	.....	.....
Public, total #.....do.....			72.7	75.2	71.9	70.2	73.3	74.5	75.2	76.1	*75.7	*75.3	*72.9	*73.8	74.5	.....
Buildings (excl. military) #.....do.....			23.8	25.7	24.0	24.7	24.9	25.1	25.7	26.1	25.3	26.1	*24.2	*24.9	25.2	.....
Housing and redevelopment.....do.....			1.6	1.6	1.5	1.7	1.4	1.5	1.4	1.6	1.3	*1.5	*1.6	*1.6	1.6	.....
Industrial.....do.....			1.5	2.0	1.4	1.4	1.5	1.7	1.4	1.8	1.2	1.7	1.4	1.3	1.4	.....
Military facilities.....do.....			4.2	5.1	3.6	4.0	4.3	4.1	2.8	3.9	*3.4	*4.4	*4.4	4.3	3.9	.....
Highways and streets.....do.....			23.7	22.6	22.6	20.0	21.9	23.5	23.3	23.6	22.7	22.6	21.7	*22.4	21.5	.....
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total.....mil. \$..	232,277	243,254	21,844	*21,763	21,076	17,367	17,163	15,759	14,594	21,684	22,599	21,469	24,712	24,004	23,914	22,038
Index (mo. data seas. adj.).....1982=100..	148	155	155	155	151	156	155	155	151	165	162	149	161	163	171	157
Public ownership.....mil. \$..	54,601	59,367	5,107	*5,328	5,211	3,753	4,418	3,865	3,411	5,674	5,801	6,079	7,114	6,515	5,938	5,867
Private ownership.....do.....	177,676	183,887	16,737	*16,436	15,865	13,614	12,745	11,894	11,183	16,009	16,798	15,391	17,598	17,489	17,977	16,170
By type of building:																
Nonresidential.....do.....	83,151	81,304	7,484	*7,820	7,124	6,624	5,584	5,800	4,700	7,290	7,153	6,750	8,227	8,125	8,358	8,047
Residential.....do.....	108,662	120,637	10,710	*10,699	10,636	8,361	8,034	7,350	7,518	10,628	11,276	10,380	10,986	11,279	10,919	10,158
Non-building construction.....do.....	40,464	41,314	3,649	*3,244	3,316	2,382	3,545	2,608	2,375	3,766	4,170	4,459	5,498	4,600	4,637	3,832
New construction planning (Engineering News-Record) *.....do.....		288,568	20,127	24,069	28,983	23,124	26,839	29,793	28,216	23,248	24,192	20,378	22,429	19,670	17,323	.....
HOUSING STARTS AND PERMITS																
New housing units started:																
Unadjusted:																
Total (private and public).....thous.	1,745.0	1,807.1	163.8	154.3	154.9	115.7	113.1	105.1	102.8	141.3	*159.6	158.3	163.2	*152.6	144.7	.....
Privately owned.....do.....	1,741.8	1,805.4	163.8	154.0	154.8	115.6	113.0	105.1	102.8	141.2	159.3	158.0	162.9	*152.4	144.6	150.2
One-family structures.....do.....	1,072.4	1,179.4	109.4	102.5	100.9	77.5	72.2	69.2	71.8	100.4	118.3	114.1	114.1	*111.5	101.1	104.8
Seasonally adjusted at annual rates: ◇																
Total privately owned.....do.....			1,800	1,689	1,657	1,637	1,813	1,816	1,838	1,730	1,643	1,606	1,586	*1,598	*1,598	1,669
One-family structures.....do.....			1,180	1,123	1,114	1,129	1,233	1,253	1,303	1,211	1,208	1,130	1,088	*1,143	*1,111	1,168
New private housing units authorized by building permits (17,000 permit-issuing places): †																
Monthly data are seas. adj. at annual rates:																
Total.....thous.	1,733	1,769	1,728	1,687	1,664	1,667	1,862	1,652	1,676	1,719	1,598	1,493	1,517	1,487	*1,502	1,493
One-family structures.....do.....	957	1,078	1,059	1,071	1,036	1,028	1,184	1,085	1,204	1,150	1,058	1,009	1,039	993	*1,023	990
Manufacturers' shipments of mobile homes:																
Unadjusted.....thous.	283.9	244.3	21.6	21.5	23.1	17.2	15.3	16.0	16.3	19.6	21.1	20.2	21.5	21.0	22.0	.....
Seasonally adjusted at annual rates.....do.....			231	243	241	237	251	242	231	228	227	222	231	245	233	.....
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite †.....1982=100..	109.6	111.8	112.3	112.3	111.4	110.9	110.3	111.9	113.0	113.7	113.8	*114.1	114.5	*115.4	115.7	115.8
Beckh indexes:																
Average, 20 cities:																
Apartments, hotels, office buildings.....1982=100..																
Commercial and factory buildings.....do.....	113.0	114.9	115.6	115.6	116.1	114.0	114.3	116.6	116.7	116.7	117.1	117.1	117.3	117.3	117.9	.....
Residences.....do.....	111.3	113.2	113.8	113.8	114.0	114.0	114.3	114.3	114.3	114.3	115.0	115.0	115.2	115.2	115.8	.....
Residences.....do.....	115.1	117.3	118.1	118.1	118.6	118.6	119.0	119.0	119.0	119.0	119.4	119.4	119.7	119.7	120.2	.....
Engineering News-Record:																
Building.....do.....1967=100..	358.7	367.3	368.8	370.0	371.4	371.3	371.5	372.0	371.4	372.4	373.2	373.4	372.8	375.7	377.6	*378.2
Construction.....do.....	390.1	398.5	402.3	402.5	404.2	404.0	404.3	405.1	404.9	405.5	405.9	406.5	408.4	410.0	411.0	*412.5
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.).....1977=100..	172.1	171.6	176.0	176.0	176.0	167.0	167.0	169.9	169.9	169.9	169.9	169.9	172.8	172.8	171.9	.....

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CONSTRUCTION AND REAL ESTATE—Continued																
REAL ESTATE ◊																
Mortgage applications for new home construction:																
FHA applications.....thous. units.....	180.8	325.5	20.2	21.7	18.9	16.2	16.7	17.9	22.3	27.5	15.1	14.0	14.2	13.8	10.1	10.1
Seasonally adjusted annual rates.....do.....			232	243	228	252	242	255	302	289	155	161	162	158	117	114
Requests for VA appraisals.....do.....	215.0	243.4	20.7	19.3	17.5	13.5	14.5	14.1	13.2	18.0	17.2	15.6	16.9	17.1	14.4	
Seasonally adjusted annual rates.....do.....			241	238	211	203	208	220	185	213	198	185	177	184	166	
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount.....mil. \$.....	23,963.94	57,108.02	6,551.19	5,309.03	5,135.49	7,018.80	5,585.99	5,955.13	5,519.57	9,220.25	9,035.56	9,265.48	7,502.49	7,341.31	8,901.72	6,179.54
Vet. Adm.: Face amount \$.....do.....	13,047.56	24,721.62	2,656.80	3,466.86	2,024.13	2,257.13	2,768.00	2,718.07	3,254.93	4,419.78	3,021.48	2,621.57	3,424.22	2,978.52	2,819.12	2,488.48
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$.....	88,835	108,645	98,360	99,036	100,310	101,109	108,645	104,250	104,376	106,760	108,820	111,665	114,335	115,321	116,846	120,090
New mortgage loans of FSLIC-insured institutions, estimated total @.....mil. \$.....	196,749	265,627	25,559	24,995	25,015	19,778	31,597	15,219	15,931	21,933	24,524	24,632	27,737	23,604	20,402	
By purpose of loan:																
Home construction.....do.....	27,412	28,788	2,441	2,469	2,692	2,091	2,935	1,574	1,840	2,377	2,222	2,550	2,984	2,690	2,524	
Home purchase.....do.....	123,200	195,596	19,853	19,238	18,869	14,950	22,707	11,721	11,824	16,526	19,362	19,508	21,335	18,078	15,394	
All other purposes.....do.....	46,140	41,241	3,264	3,288	3,453	2,736	5,955	1,925	2,266	3,031	2,940	2,573	3,419	2,836	2,483	
DOMESTIC TRADE																
ADVERTISING																
Magazine advertising (Leading National Advertisers):																
Cost, total.....mil. \$.....																
Apparel and accessories.....do.....																
Automotive, incl. accessories.....do.....																
Building materials.....do.....																
Drugs and toiletries.....do.....																
Foods, soft drinks, confectionery.....do.....																
Beer, wine, liquors.....do.....																
Household equip., supplies, furnishings.....do.....																
Industrial materials.....do.....																
Soaps, cleansers, etc.....do.....																
Smoking materials.....do.....																
All other.....do.....																
Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.):																
Total.....mil. \$.....	25,170	26,989	2,309	2,187	2,519	2,668	2,363	2,058	2,089	2,457	2,516					
Classified.....do.....	8,376	9,303	860	798	845	801	644	777	778	924	907					
National.....do.....	3,352	3,376	258	280	328	333	231	264	262	304	302					
Retail.....do.....	13,443	14,311	1,191	1,109	1,346	1,534	1,489	1,017	1,049	1,229	1,307					
WHOLESALE TRADE †																
Merchant wholesalers sales (unadj.), total.....mil. \$.....	1,373,926	1,381,311	112,208	118,772	124,995	113,152	121,499	110,564	111,705	126,908	126,354	125,630	129,016	126,469	127,434	
Durable goods establishments.....do.....	626,749	664,108	54,282	58,368	62,287	54,350	58,033	51,319	52,834	61,100	61,161	59,270	63,423	61,290	61,368	
Nondurable goods establishments.....do.....	747,177	717,203	57,926	60,404	62,708	58,802	63,466	59,245	58,871	65,808	65,193	66,360	65,593	65,179	66,066	
Merchant wholesalers inventories, book value (non-LIFO basis), end of period (unadj.), total.....mil. \$.....	137,139	143,245	145,882	147,964	149,009	148,804	148,245	149,548	150,166	150,882	150,853	151,371	152,651	151,258	149,659	
Durable goods establishments.....do.....	86,984	95,353	96,958	97,991	97,153	97,210	95,353	95,895	95,989	97,667	98,249	100,033	100,288	99,537	98,759	
Nondurable goods establishments.....do.....	50,155	52,892	48,924	49,973	51,856	51,594	52,892	53,653	54,177	53,215	52,604	51,288	52,363	51,721	50,900	
RETAIL TRADE †																
All retail stores:																
Estimated sales (unadj.), total.....mil. \$.....	1,379,621	1,454,411	124,721	125,444	123,835	121,365	152,106	106,393	105,802	120,440	125,367	129,073	128,978	128,950	130,996	125,748
Durable goods stores #.....do.....	517,981	568,057	49,027	54,806	48,479	44,469	56,692	37,769	40,164	47,537	49,844	50,691	53,118	52,208	52,617	50,532
Building materials, hardware, garden supply, and mobile home dealers.....mil. \$.....	75,556	88,093	7,980	7,993	8,148	6,958	6,936	5,641	5,519	7,022	7,989	8,607	8,629	8,392	8,102	8,005
Automotive dealers.....do.....	311,859	335,822	29,061	35,043	28,072	24,224	29,542	20,897	24,048	29,177	30,408	30,220	32,308	31,653	32,094	30,505
Furniture, home furnishings, and equipment.....do.....	69,584	78,487	6,681	6,572	6,822	7,290	9,493	6,288	5,797	6,398	6,228	6,390	6,515	6,700	6,733	6,598
Nondurable goods stores.....do.....	861,640	886,354	75,694	70,638	75,356	76,896	95,414	68,624	65,638	72,903	75,523	78,382	75,860	76,742	78,379	75,216
General merch. group stores.....do.....	149,592	155,262	13,055	11,757	12,907	15,512	24,038	9,276	9,648	11,794	12,871	13,711	12,718	12,081	13,626	12,590
Food stores.....do.....	283,987	296,040	25,396	23,837	25,284	24,748	26,938	24,961	22,746	24,449	24,884	26,215	25,435	26,591	25,654	24,965
Gasoline service stations.....do.....	101,266	86,618	7,149	6,911	7,061	6,711	6,922	6,641	6,392	7,075	7,385	7,637	7,817	8,116	8,101	7,834
Apparel and accessory stores.....do.....	74,321	80,775	7,106	6,449	6,826	7,570	11,426	5,377	5,233	6,524	7,161	6,961	6,605	6,354	7,279	6,908
Eating and drinking places.....do.....	133,457	144,966	13,452	12,119	12,762	11,863	12,476	11,843	11,412	12,513	12,809	13,457	13,305	13,632	13,810	12,926
Drug and proprietary stores.....do.....	46,191	49,316	4,072	3,910	4,113	4,044	5,648	4,182	3,940	4,164	4,296	4,360	4,351	4,335	4,331	4,227
Liquor stores.....do.....	19,491	19,792	1,695	1,549	1,630	1,622	2,224	1,474	1,363	1,440	1,505	1,625	1,583	1,683	1,619	
Estimated sales (seas. adj.), total.....do.....			121,735	129,118	122,121	121,678	127,613	118,579	124,280	124,593	124,960	124,867	126,307	127,061	129,267	128,760
Durable goods stores #.....do.....			47,951	55,139	47,800	47,408	52,579	43,766	47,365	47,942	48,135	47,783	48,981	49,735	51,283	50,829
Bldg. materials, hardware, garden supply, and mobile home dealers#.....mil. \$.....			7,410	7,522	7,503	7,365	7,504	7,424	7,652	7,707	7,452	7,505	7,430	7,467	7,434	7,523
Building materials and supply stores.....do.....			5,507	5,478	5,554	5,548	5,743	5,701	5,851	5,863	5,684	5,736	5,827	5,881	5,909	
Hardware stores.....do.....			912	910	920	904	889	974	999	1,050	1,050	1,019	958	986	975	
Automotive dealers.....do.....			28,263	35,324	27,983	27,566	32,388	23,729	26,968	27,780	28,101	27,781	28,947	29,438	31,107	30,659
Motor vehicle and miscellaneous auto dealers.....do.....			26,037	33,061	25,740	25,348	30,256	21,513	24,709	25,529	25,874	25,546	26,671	27,133	28,767	28,376
Auto and home supply stores.....do.....			2,226	2,263	2,243	2,218	2,132	2,216	2,259	2,251	2,227	2,235	2,276	2,305	2,340	
Furniture, home furnishings, and equipment #.....do.....			6,682	6,704	6,720	6,825	6,851	6,763	6,812	6,803	6,777	6,704	6,683	6,846	6,792	6,726
Furniture, home furnishings stores.....do.....			3,550	3,577	3,584	3,591	3,618	3,570	3,650	3,643	3,664	3,622	3,640	3,684	3,578	
Household appliance, radio, and TV stores.....do.....			2,672	2,641	2,657	2,730	2,735	2,727	2,687	2,692	2,647	2,602	2,564	2,673	2,702	

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
DOMESTIC TRADE—Continued																
RETAIL TRADE +—Continued																
All retail stores—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores.....mil. \$.....			'73,784	'73,979	74,321	74,270	75,034	74,813	76,915	76,651	76,825	77,084	77,326	'77,326	'77,984	'77,981
General merch. group stores.....do.....			'13,114	'12,969	13,013	12,879	13,035	13,078	13,665	13,421	13,521	13,709	13,649	'13,708	'13,870	'13,794
Department stores excluding leased departments.....do.....			'11,213	'11,111	11,090	11,013	11,078	11,126	11,591	11,389	11,481	11,635	11,607	11,687	'11,824	'11,758
Variety stores.....do.....			'678	'662	688	644	685	724	754	737	739	720	708	'710	'720	
Food stores.....do.....			'24,408	'24,838	25,016	25,094	25,311	25,028	25,252	25,244	25,267	25,337	25,482	'25,280	'25,523	'25,412
Grocery stores.....do.....			'22,919	'23,336	23,487	23,587	23,746	23,588	23,806	23,855	23,880	23,945	24,063	'23,834	'24,105	'23,979
Gasoline service stations.....do.....			'6,828	'6,904	6,842	6,876	6,813	6,918	7,182	7,385	7,497	7,486	7,459	'7,635	'7,812	'7,865
Apparel and accessory stores #.....do.....			'6,892	'6,788	6,848	6,794	6,935	6,689	7,097	7,222	7,002	6,986	7,140	'7,168	'7,148	'7,188
Men's and boys' clothing and furnishings stores.....do.....			'813	'808	794	771	812	796	803	802	787	783	813	'807	804	
Women's clothing, specialty stores, and furreries.....do.....			'2,846	'2,867	2,887	2,872	2,966	2,865	2,997	2,951	2,939	2,957	2,979	'2,972	3,011	
Shoe stores.....do.....			'1,328	'1,247	1,262	1,255	1,299	1,288	1,358	1,408	1,303	1,307	1,351	'1,352	1,349	
Eating and drinking places.....do.....			'12,263	'12,204	12,354	12,435	12,770	12,929	13,147	12,755	12,745	12,743	12,769	'12,657	'12,787	'12,926
Drug and proprietary stores.....do.....			'4,168	'4,155	4,188	4,191	4,221	4,298	4,297	4,293	4,339	4,404	4,426	'4,437	'4,451	'4,506
Liquor stores.....do.....			1,635	'1,634	1,663	1,593	1,585	1,592	1,628	1,600	1,620	1,638	1,593	'1,597		
Estimated inventories, end of period:																
Book value (non-LIFO basis), (unadjusted), total.....mil. \$.....	174,149	181,366	182,627	185,444	198,292	199,726	181,366	183,373	189,373	196,025	198,390	197,831	'198,495	197,335		
Durable goods stores #.....do.....	89,260	93,330	92,286	90,339	97,192	98,621	93,330	96,427	99,991	103,361	103,677	104,417	'104,879	101,993		
Bldg. materials, hardware, garden supply, and mobile home dealers.....do.....	13,780	14,078	14,726	15,063	14,791	14,623	14,078	13,918	14,812	15,278	15,188	15,684	'15,602	15,406		
Automotive dealers.....do.....	46,550	48,162	45,564	42,255	47,721	48,997	48,162	51,779	55,077	57,298	56,820	56,674	'56,994	54,487		
Furniture, home furnishings, and equipment.....do.....	13,373	14,627	14,314	14,666	15,369	15,608	14,627	14,317	14,058	14,154	14,625	14,786	'14,877	14,677		
Nondurable goods stores #.....do.....	84,889	88,036	90,341	95,105	101,100	101,105	88,036	86,951	89,382	92,664	94,713	93,414	'93,616	95,342		
General merch. group stores.....do.....	28,606	29,253	31,685	33,979	37,108	37,016	29,253	29,072	30,575	31,836	33,120	32,047	'31,770	32,954		
Department stores.....do.....	22,597	23,747	25,191	27,107	29,814	29,972	23,747	23,385	24,632	25,695	26,916	26,012	'25,606	26,536		
Food stores.....do.....	18,591	19,979	18,549	19,172	20,119	20,242	19,379	18,886	18,976	19,213	19,188	19,094	'19,348	19,073		
Apparel and accessory stores.....do.....	15,852	16,213	17,657	18,366	19,344	19,329	16,213	16,121	17,229	18,542	18,901	18,873	'18,644	19,434		
Book value (non-LIFO basis), (seas. adj.), total.....do.....	179,671	187,158	187,483	186,034	190,645	189,264	187,158	189,000	190,527	193,355	195,042	197,088	'200,039	200,821		
Durable goods stores #.....do.....	90,791	94,935	97,387	94,337	97,810	97,041	94,935	96,606	97,381	99,293	99,767	101,876	'103,541	103,750		
Bldg. materials, hardware, garden supply, and mobile home dealers.....do.....	14,429	14,757	14,756	15,169	14,880	14,962	14,757	14,423	14,871	14,876	14,674	15,212	'15,387	15,360		
Automotive dealers.....do.....	46,550	48,128	50,645	46,818	50,250	49,421	48,128	50,247	51,735	53,114	53,327	54,409	'55,443	55,741		
Furniture, home furn., and equip.....do.....	13,522	14,775	14,357	14,564	14,750	14,794	14,775	14,714	14,478	14,384	14,654	14,860	'14,877	14,961		
Nondurable goods stores #.....do.....	88,880	92,223	90,096	91,697	92,835	92,223	92,223	92,394	92,696	94,062	95,275	95,212	'96,498	97,071		
General merch. group stores.....do.....	31,498	32,204	31,253	31,859	32,614	32,144	32,204	32,681	32,706	32,690	33,179	32,561	'33,115	33,699		
Department stores.....do.....	24,777	26,038	24,991	25,549	26,337	25,927	26,038	26,305	26,316	26,300	26,809	26,275	'26,701	27,300		
Food stores.....do.....	18,341	19,138	19,018	19,361	19,612	19,355	19,138	18,956	19,083	19,279	19,266	19,310	'19,446	19,422		
Apparel and accessory stores.....do.....	16,954	17,377	17,277	17,376	17,443	17,429	17,377	17,619	17,923	18,710	18,958	19,377	'19,543	19,670		
Firms with 11 or more stores:																
Estimated sales (unadj.), total.....mil. \$.....	499,545	519,881	44,300	41,070	43,946	46,940	62,971	38,384	36,983	42,696	44,587	46,286	'44,455	44,754		
Durable goods stores.....do.....	55,566	61,494	5,235	5,035	5,351	5,675	8,259	4,388	4,262	5,194	5,416	5,696	'5,709	5,698		
Auto and home supply stores.....do.....	6,029	6,798	617	581	650	626	599	507	464	579	637	648	'641	649		
Nondurable goods stores #.....do.....	443,979	458,287	39,065	36,035	38,595	41,265	54,712	34,001	32,721	37,502	39,171	40,590	'38,746	39,056		
General merchandise group stores.....do.....	138,683	144,840	12,188	10,965	11,976	14,495	22,520	8,540	8,927	10,972	11,941	12,726	'11,801	11,151		
Food stores.....do.....	158,217	164,634	14,076	13,211	14,049	13,866	15,251	14,251	12,334	13,881	14,149	14,794	'14,187	15,068		
Grocery stores.....do.....	155,649	161,812	13,863	13,008	13,828	13,662	14,795	14,051	12,627	13,677	13,932	14,597	'13,992	14,872		
Apparel and accessory stores.....do.....	38,011	42,178	3,880	3,342	3,491	4,040	6,413	2,633	2,646	3,493	3,849	3,692	'3,527	3,376		
Eating places.....do.....	38,588	35,989	3,271	3,031	3,225	2,983	3,071	2,954	2,854	3,177	3,281	3,177	'3,139	3,456		
Drug stores and proprietary stores.....do.....	27,170	28,408	2,318	2,234	2,335	2,344	3,593	2,416	2,267	2,427	2,529	2,536	'2,511	2,504		
Estimated sales (seas. adj.), total #.....do.....	43,779	43,595	43,873	43,717	44,220	44,325	45,515	45,499	45,625	45,625	45,646	'45,900	46,067			
Auto and home supply stores.....do.....	595	585	597	596	596	573	590	593	613	622	624	'616	610			
Department stores excluding leased departments.....do.....	10,965	10,775	10,767	10,679	10,704	10,786	11,246	11,033	11,178	11,295	'11,246	11,319				
Variety stores.....do.....	531	515	534	511	543	548	570	573	585	568	'566	564				
Grocery stores.....do.....	13,512	13,678	13,718	13,762	13,788	13,789	13,906	14,028	14,073	14,103	'14,220	14,232				
Apparel and accessory stores.....do.....	3,595	3,542	3,558	3,552	3,643	3,590	3,787	3,882	3,768	3,765	'3,847	3,892				
Women's clothing, specialty stores, and furreries.....do.....	1,503	1,523	1,516	1,535	1,583	1,585	1,627	1,606	1,598	1,641	'1,629	1,619				
Shoe stores.....do.....	830	747	740	746	771	788	792	863	788	765	'814	809				
Drug stores and proprietary stores.....do.....	2,397	2,407	2,427	2,414	2,453	2,530	2,533	2,549	2,581	2,582	'2,586	2,587				

LABOR FORCE, EMPLOYMENT, AND EARNINGS

LABOR FORCE AND POPULATION																
Not Seasonally Adjusted																
Noninstitutional population, persons 16 years of age and over.....thous.....	179,912	182,293	182,525	182,713	182,935	183,114	183,297	183,575	183,738	183,915	184,079	184,259	184,421	184,605	184,738	184,904
Labor force @.....do.....	117,167	119,540	121,168	119,960	120,448	120,374	119,799	119,451	119,707	120,089	120,082	121,421	122,871	123,350	123,550	121,627
Resident Armed Forces.....do.....	1,706	1,706	1,697	1,716	1,749	1,751	1,750	1,748	1,740	1,736	1,735	1,726	1,718	1,720	1,736	1,743
Civilian noninstitutional population.....do.....	178,206	180,587	180,828	180,997	181,186	181,363	181,547	181,827	181,998	182,179	182,344	182,538	182,703	182,885	183,002	183,161
Civilian labor force, total.....do.....	115,461	117,834	119,471	118,244	118,699	118,623	118,049	117,703	117,967	118,353	118,347	119,695	121,153	122,105	121,614	119,584
Employed.....do.....	107,150	109,597	111,515	110,229	110,857	110,751	110,588	109,084	109,464	110,229	111,041	112,377	113,498	114,652	114,527	113,027
Unemployed.....do.....	8,312	8,237	7,955													

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
LABOR FORCE—Continued																
Seasonally Adjusted ◊																
Civilian labor force—Continued																
Unemployed—Continued																
Rates(unemployed in each group as percent of civilian labor force in the group):																
All civilian workers.....	7.2	7.0	6.8	7.0	6.9	6.9	6.7	6.7	6.7	6.6	6.3	6.3	6.1	6.0	6.0	5.9
Men, 20 years and over.....	6.2	6.1	5.9	6.2	6.2	6.2	6.0	6.0	5.9	5.8	5.5	5.5	5.5	5.4	5.2	5.0
Women, 20 years and over.....	6.6	6.2	6.1	6.2	6.1	6.1	5.9	5.9	5.8	5.8	5.5	5.4	5.2	5.4	5.3	5.4
Both sexes, 16-19 years.....	18.6	18.3	18.0	18.5	17.7	18.2	17.3	17.7	18.0	18.1	17.4	17.7	15.9	15.5	16.0	16.3
White.....	6.2	6.0	5.8	6.0	6.0	6.0	5.8	5.9	5.7	5.6	5.4	5.3	5.2	5.1	5.1	5.1
Black.....	15.1	14.5	14.6	14.6	14.3	14.2	13.7	14.3	14.3	13.9	13.0	13.8	12.7	12.6	12.4	12.3
Hispanic origin.....	10.5	10.6	10.8	10.9	10.4	9.6	10.5	10.6	9.6	9.0	9.2	8.7	8.5	7.9	8.0	8.2
Married men, spouse present.....	4.3	4.4	4.2	4.3	4.6	4.5	4.3	4.2	4.2	4.1	4.1	3.9	4.0	3.8	3.7	3.6
Married women, spouse present.....	5.6	5.2	5.1	5.1	5.0	5.0	4.8	4.8	4.8	4.5	4.4	4.1	4.0	4.2	4.3	4.2
Women who maintain families.....	10.4	9.8	10.1	9.8	8.9	9.7	9.8	9.8	9.5	9.7	9.3	9.6	9.7	9.4	9.0	8.8
Industry of last job:																
Private nonagricultural wage and salary workers.....																
Construction.....	7.2	7.0	6.9	7.0	7.0	7.0	6.8	6.7	6.6	6.5	6.2	6.3	6.2	6.1	5.9	5.9
Manufacturing.....	13.1	13.1	12.4	12.9	13.8	15.1	13.7	12.2	11.6	12.5	11.9	12.1	11.6	10.7	11.2	12.1
Durable goods.....	7.7	7.1	6.9	7.0	7.3	7.1	6.9	6.8	6.8	6.9	6.2	6.4	5.6	6.0	5.5	5.7
Agricultural wage and salary workers.....	7.6	6.9	6.8	6.5	7.2	6.6	6.4	6.8	6.8	6.7	6.2	6.3	6.3	6.1	5.5	5.6
Not Seasonally Adjusted	13.2	12.5	13.3	12.9	11.9	10.1	11.5	11.6	11.2	10.7	9.0	8.7	8.8	11.3	10.8	8.3
Occupation:																
Managerial and professional specialty.....	2.4	2.4	2.7	2.7	2.5	2.3	2.1	2.5	2.5	2.2	2.1	2.2	2.4	2.5	2.4	2.4
Technical, sales, and administrative support.....	4.8	4.7	4.8	4.9	4.6	4.5	3.9	4.8	4.6	4.3	4.3	4.2	4.5	4.3	4.4	4.4
Service occupations.....	8.8	8.6	8.2	8.6	8.9	8.1	8.0	8.9	8.5	8.0	7.6	7.3	7.9	7.5	7.6	7.5
Precision production, craft, and repair.....	7.2	7.2	6.0	6.0	6.1	6.6	6.7	8.0	7.9	7.3	6.5	6.1	5.9	5.4	5.2	5.1
Operators, fabricators, and laborers.....	11.2	10.9	9.5	10.0	10.3	10.7	10.8	12.0	12.1	11.5	9.8	9.4	8.4	8.9	8.1	7.8
Farming, forestry, and fishing.....	8.6	7.8	6.0	6.7	7.0	7.6	9.1	10.6	10.5	9.7	6.5	4.4	5.1	5.6	5.7	5.8
EMPLOYMENT §																
Employees on payrolls of nonagricultural estab.:																
Total, not adjusted for seas. variation.....thous.	97,519	99,610	99,641	100,549	100,984	101,234	101,289	99,511	99,792	100,462	101,381	102,140	102,704	*101,947	*102,154	*102,925
Private sector (excl. government).....do.....	81,125	82,900	83,977	84,025	83,918	84,000	84,103	82,584	82,587	83,152	84,030	84,778	85,610	*85,752	*86,103	*86,154
Seasonally Adjusted																
Total employees, nonagricultural payrolls.....do.....																
Private sector (excl. government).....do.....	97,519	99,610	99,772	100,039	100,209	100,415	100,567	100,919	101,150	101,329	101,598	101,708	101,818	*102,126	*102,278	*102,410
Nonmanufacturing industries.....do.....	61,865	63,906	64,180	64,308	64,403	64,561	64,673	65,027	65,229	65,357	65,549	65,659	65,772	*66,002	*66,100	*66,182
Goods-producing.....do.....	24,859	24,681	24,639	24,620	24,611	24,630	24,680	24,708	24,743	24,749	24,759	24,752	24,761	*24,850	*24,852	*24,912
Mining.....do.....	927	733	748	739	735	730	724	718	719	722	729	735	738	*744	*752	*756
Construction.....do.....	4,673	4,904	4,946	4,948	4,942	4,946	4,936	5,034	5,038	5,032	5,019	4,999	5,008	*5,002	*5,007	*4,974
Manufacturing.....do.....	19,260	18,994	18,945	18,933	18,934	18,954	18,970	18,956	18,986	18,995	19,011	19,018	19,015	*19,104	*19,126	*19,182
Durable goods.....do.....	11,490	11,244	11,206	11,181	11,169	11,174	11,175	11,157	11,179	11,176	11,175	11,175	11,175	*11,195	*11,244	*11,279
Lumber and wood products.....do.....	697	711	712	716	718	723	728	731	733	734	736	738	735	*740	*737	*739
Furniture and fixtures.....do.....	494	497	499	499	499	499	499	500	501	502	504	509	510	*518	*518	*521
Stone, clay and glass products.....do.....	588	586	584	584	581	582	584	586	588	586	584	582	582	*583	*583	*588
Primary metal industries.....do.....	808	753	735	732	733	733	733	726	733	739	743	742	746	*750	*754	*769
Fabricated metal products.....do.....	1,465	1,431	1,423	1,424	1,419	1,422	1,422	1,419	1,419	1,423	1,420	1,424	1,424	*1,424	*1,425	*1,429
Machinery, except electrical.....do.....	2,174	2,060	2,051	2,031	2,022	2,015	2,011	2,007	2,018	2,015	2,022	2,025	2,028	*2,033	*2,043	*2,054
Electric and electronic equip.....do.....	2,197	2,123	2,123	2,118	2,120	2,119	2,118	2,111	2,106	2,099	2,092	2,087	2,080	*2,088	*2,093	*2,098
Transportation equipment.....do.....	1,980	2,015	2,016	2,015	2,013	2,023	2,018	2,014	2,022	2,022	2,011	2,011	2,010	*1,995	*2,027	*2,017
Instruments and related products.....do.....	720	707	709	703	702	700	698	697	695	694	694	693	693	*695	*694	*698
Miscellaneous manufacturing.....do.....	367	362	360	359	360	361	364	363	364	366	364	366	368	*370	*370	*371
Nondurable goods.....do.....	7,770	7,750	7,739	7,752	7,765	7,780	7,795	7,799	7,807	7,819	7,836	7,843	7,839	*7,909	*7,882	*7,903
Food and kindred products.....do.....	1,603	1,617	1,616	1,619	1,621	1,627	1,631	1,628	1,630	1,635	1,642	1,643	1,634	*1,644	*1,638	*1,631
Tobacco manufactures.....do.....	64	69	58	58	58	58	58	58	58	57	56	57	57	*57	*56	*54
Textile mill products.....do.....	702	705	707	707	709	714	715	718	722	725	724	727	729	*736	*733	*737
Apparel and other textile products.....do.....	1,121	1,106	1,102	1,102	1,104	1,101	1,110	1,106	1,101	1,103	1,104	1,107	1,108	*1,130	*1,109	*1,114
Paper and allied products.....do.....	678	674	671	675	677	678	679	678	679	678	677	677	677	*677	*677	*683
Printing and publishing.....do.....	1,428	1,457	1,462	1,465	1,469	1,472	1,474	1,479	1,483	1,485	1,493	1,497	1,498	*1,504	*1,507	*1,507
Chemicals and allied products.....do.....	1,044	1,023	1,021	1,020	1,020	1,017	1,018	1,018	1,018	1,017	1,018	1,022	1,014	*1,026	*1,032	*1,033
Petroleum and coal products.....do.....	179	169	168	167	166	165	163	164	164	164	164	164	164	*164	*165	*167
Rubber and plastics products, nec.....do.....	786	790	786	791	794	797	800	803	805	807	809	809	810	*815	*818	*824
Leather and leather products.....do.....	165	151	148	147	147	147	148	147	147	148	149	150	149	*155	*152	*153
Service-producing.....do.....	72,660	74,930	75,133	75,419	75,598	75,785	75,937	76,211	76,407	76,580	76,839	76,956	77,057	*77,276	*77,393	*77,498
Transportation and public utilities.....do.....	5,238	5,244	5,202	5,255	5,251	5,278	5,286	5,304	5,315	5,333	5,348	5,344	5,350	*5,363	*5,377	*5,385
Wholesale trade.....do.....	5,717	5,735	5,736	5,736	5,731	5,728	5,725	5,741	5,757	5,766	5,772	5,775	5,781	*5,797	*5,805	*5,806
Retail trade.....do.....	17,356	17,845	17,913	17,939	17,980	18,009	18,007	18,090	18,140	18,136	18,197	18,205	18,226	*18,274	*18,254	*18,324
Finance, insurance, and real estate.....do.....	5,955	6,297	6,351	6,374	6,395	6,418	6,451	6,480	6,501	6,526	6,558	6,576	6,586	*6,608	*6,628	*6,626
Services.....do.....	22,000	23,099	23,284	23,317	23,369	23,452	23,544	23,670	23,759	23,842	23,926	24,025	24,083	*24,214	*24,277	*24,311
Government.....do.....	16,394	16,711	16,647	16,798	16,872	16,900	16,924	16,936	16,935	16,977	17,038	17,031	17,031	*17,020	*17,052	*17,046
Federal.....do.....	2,875	2,899	2,882	2,902	2,897	2,900	2,912	2,916	2,922	2,933	2,935	2,935	2,935	*2,936	*2,940	*2,960
State.....do.....	3,832	3,888	3,881	3,890	3,907	3,915	3,927	3,929	3,927	3,930	3,943	3,947	3,932	*3,952	*3,970	*3,975
Local.....do.....	9,687	9,923	9,884	10,006	10,068	10,085	10,093	10,095	10,092	10,125	10,162	10,149	10,164	*10,132	*10,142	*10,111
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted.....thous.																
Manufacturing.....do.....	65,586	67,061	68,018	68,080	67,994	68,074	68,138	66,616	66,596	67,102	67,918	68,611	69,339	*69,397	*69,706	*69,733
Nonmanufacturing.....do.....	13,092	12,895	12,925	13,017	12,954	12,940	12,908	12,753	12,801	12,846	12,874	12,927	13,053	*12,913	*13,107	*13,263
Seasonally Adjusted																
Production or nonsupervisory workers on private nonagricultural payrolls.....thous.																
Goods-producing.....do.....	65,586	67,061														

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
EMPLOYMENT §—Continued																
Seasonally Adjusted																
Production or nonsupervisory workers—Continued																
Nondurable goods.....thous.	5,449	5,463	5,458	5,469	5,480	5,494	5,513	5,514	5,518	5,526	5,533	5,537	5,537	*5,595	*5,562	*5,587
Food and kindred products.....do	1,118	1,136	1,135	1,138	1,139	1,146	1,149	1,147	1,150	1,154	1,158	1,153	1,150	*1,159	*1,146	*1,145
Tobacco manufactures.....do	48	45	43	44	44	45	44	44	44	44	43	44	42	*43	*42	*39
Textile mill products.....do	607	610	612	612	615	619	621	624	627	630	628	631	633	*640	*636	*640
Apparel and other textile products.....do	945	931	928	928	929	927	937	931	925	926	929	927	930	*950	*930	*936
Paper and allied products.....do	512	511	508	512	514	515	517	515	518	515	514	513	513	*515	*514	*520
Printing and publishing.....do	789	817	822	824	827	828	830	833	833	832	832	836	839	*841	*844	*845
Chemicals and allied products.....do	578	568	570	569	568	568	566	568	569	570	569	572	568	*576	*579	*583
Petroleum and coal products.....do	109	106	106	105	105	105	105	106	106	106	106	106	107	*108	*110	
Rubber and plastics products, nec.....do	607	614	612	616	618	620	622	623	625	626	629	629	629	*633	*635	*640
Leather and leather products.....do	137	124	122	121	121	121	122	123	123	123	125	125	125	*131	*128	*129
Service-producing.....do	48,177	49,769	49,989	50,096	50,173	50,300	50,382	50,608	50,770	50,883	51,044	51,128	51,221	*51,402	*51,462	*51,492
Transportation and public utilities.....do	4,339	4,335	4,290	4,344	4,342	4,368	4,380	4,389	4,401	4,419	4,428	4,429	4,439	*4,449	*4,467	*4,474
Wholesale trade.....do	4,598	4,601	4,602	4,598	4,590	4,586	4,583	4,600	4,611	4,617	4,622	4,623	4,632	*4,641	*4,643	*4,640
Retail trade.....do	15,457	15,891	15,953	15,977	16,013	16,035	16,090	16,097	16,141	16,132	16,189	16,193	16,195	*16,246	*16,242	*16,255
Finance, insurance, and real estate.....do	4,415	4,655	4,699	4,712	4,726	4,743	4,767	4,786	4,806	4,823	4,840	4,844	4,851	*4,853	*4,861	*4,864
Services.....do	19,368	20,288	20,445	20,465	20,502	20,568	20,622	20,736	20,811	20,892	20,965	21,039	21,104	*21,213	*21,249	*21,259
AVERAGE HOURS PER WEEK §																
Seasonally Adjusted																
Avg. weekly hours per worker on private nonag. payrolls: ◊																
Not seasonally adjusted.....hours	34.9	34.8	35.1	34.8	34.7	34.7	34.8	34.4	34.5	34.6	34.6	34.8	35.0	*35.1	35.3	*34.7
Seasonally adjusted.....do			34.7	34.7	34.7	34.8	34.6	34.7	34.9	34.8	34.7	34.9	34.8	34.8	34.8	*34.9
Mining.....do	43.4	42.2	42.3	42.1	42.1	41.4	42.4	42.5	42.0	41.8	41.8	42.4	42.4	*42.1	*42.6	*41.7
Construction.....do	37.7	37.4	38.3	38.5	37.9	36.5	36.8	37.2	36.8	37.4	37.4	38.5	38.1	38.6	38.6	*36.3
Manufacturing:																
Not seasonally adjusted.....do	40.5	40.7	40.7	41.0	40.7	41.0	41.5	40.8	40.8	40.9	40.4	40.9	41.1	40.6	40.9	*40.6
Seasonally adjusted.....do			40.8	40.8	40.7	40.8	40.8	40.9	41.1	40.9	40.6	41.0	41.0	41.0	41.0	*40.4
Overtime hours.....do	3.3	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	3.8	3.7	3.8	3.8	*3.6
Durable goods.....do	41.2	41.3	41.4	41.4	41.3	41.4	41.4	41.6	41.7	41.5	41.2	41.6	41.5	*41.6	41.6	*40.8
Overtime hours.....do	3.5	3.5	3.6	3.6	3.5	3.5	3.6	3.7	3.7	3.7	3.6	3.9	3.8	3.8	3.8	*3.6
Lumber and wood products.....do	39.9	40.3	40.2	40.3	40.4	40.8	40.6	40.8	41.3	40.9	40.6	41.0	40.6	40.6	40.6	*40.4
Furniture and fixtures.....do	39.4	39.8	39.9	40.0	39.9	39.8	39.9	40.2	40.2	40.0	39.1	39.9	40.0	*40.0	*40.1	*39.3
Stone, clay, and glass products.....do	41.9	42.2	42.3	42.4	42.3	41.9	42.2	42.5	42.8	42.5	41.9	42.3	42.0	42.2	42.1	*41.8
Primary metal industries.....do	41.5	41.9	42.0	42.1	42.3	42.4	42.5	42.6	42.6	42.6	42.3	43.1	43.1	*43.4	*43.7	*43.0
Fabricated metal products.....do	41.3	41.3	41.3	41.5	41.3	41.4	41.2	41.6	41.6	41.5	41.2	41.6	41.5	41.4	*41.5	*40.6
Machinery, except electrical.....do	41.5	41.6	41.6	41.7	41.7	41.7	41.7	42.0	42.2	42.0	41.8	42.2	42.2	42.4	42.2	*41.5
Electric and electronic equip.....do	40.6	41.0	41.1	41.2	41.0	41.0	41.0	41.1	41.1	40.9	40.6	40.8	41.1	41.1	41.0	*40.3
Transportation equipment.....do	42.6	42.3	42.4	42.4	42.1	42.2	42.1	42.3	42.5	42.3	41.9	42.2	41.9	*41.7	*41.8	*41.2
Instruments and related products.....do	41.0	41.0	40.9	40.7	40.9	41.1	41.1	41.2	41.3	41.3	41.0	41.5	41.5	41.6	*41.8	*40.8
Miscellaneous manufacturing.....do	39.4	39.6	39.2	39.5	39.8	40.1	40.2	39.5	39.2	39.3	38.8	39.2	39.3	*38.8	*39.4	*39.3
Nondurable goods.....do	39.6	39.9	40.0	39.9	39.9	40.0	40.0	40.1	40.3	40.1	39.7	40.2	40.2	40.3	40.3	*39.9
Overtime hours.....do	3.1	3.3	3.4	3.3	3.4	3.5	3.5	3.5	3.5	3.5	3.3	3.7	3.6	3.7	3.7	*3.7
Food and kindred products.....do	40.0	40.0	40.2	40.8	39.8	40.0	39.8	40.0	39.8	40.0	39.8	40.1	40.1	39.9	40.3	*40.1
Tobacco manufactures.....do	37.2	37.4	36.2	36.3	39.0	38.0	37.4	37.1	36.2	38.1	37.6	39.3	40.1	*35.5	*36.4	*35.3
Textile mill products.....do	39.7	41.1	41.2	41.4	41.4	41.4	41.6	41.6	42.0	42.1	41.4	42.0	42.1	*42.4	*42.1	*40.9
Apparel and other textile products.....do	36.4	36.7	36.6	36.8	36.8	36.9	37.0	37.0	37.4	37.0	36.1	37.2	37.1	37.3	*37.4	*36.0
Paper and allied products.....do	43.1	43.2	43.4	42.9	43.1	43.2	43.2	43.4	43.3	43.0	43.0	43.5	43.3	43.5	*43.4	*43.9
Printing and publishing.....do	37.8	38.0	38.0	38.0	38.0	38.0	38.0	37.9	38.1	37.9	37.7	37.9	38.1	38.1	*37.9	*38.1
Chemicals and allied products.....do	41.9	41.9	42.0	41.8	42.0	42.3	42.1	42.2	42.2	42.0	42.2	42.1	42.0	42.2	*42.4	*42.8
Petroleum and coal products.....do	43.0	43.8	44.2	43.5	43.7	43.8	43.6	44.0	44.1	43.9	44.3	43.3	43.3	*44.4	*43.1	*43.0
Rubber and plastics products, nec.....do	41.1	41.3	41.2	41.6	41.5	41.7	42.3	41.6	41.5	41.5	40.9	41.5	41.8	*41.0	41.5	*41.1
Leather and leather products.....do	37.2	36.9	36.8	36.7	36.8	37.1	38.1	37.3	37.2	37.5	36.7	38.6	39.3	*38.6	*38.8	*36.0
Transportation and public utilities.....do	39.5	39.2	39.1	39.1	39.1	39.2	38.9	39.0	39.2	39.0	39.0	39.2	38.8	39.2	*39.2	*39.2
Wholesale trade.....do	38.4	38.4	38.4	38.2	38.3	38.3	38.2	38.3	38.3	38.1	38.2	38.3	38.1	38.3	*38.3	*38.0
Retail trade.....do	29.4	29.2	29.2	29.1	29.1	29.2	28.9	29.0	29.3	29.3	29.5	29.4	29.2	29.3	*29.5	*29.6
Finance, insurance, and real estate.....do	36.4	36.4	36.5	36.2	36.4	36.5	36.5	36.3	36.4	36.3	36.3	36.3	36.4	*36.2	*36.5	*36.0
Services.....do	32.5	32.5	32.4	32.4	32.4	32.5	32.4	32.4	32.6	32.5	32.4	32.5	32.5	32.5	*32.6	*32.5
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																
Total private sector.....do	182.06	185.39	185.55	185.84	186.20	186.86	186.87	187.64	188.94	188.71	187.72	189.44	189.41	*189.97	*190.61	*186.86
Mining.....do	2.10	1.72	1.65	1.60	1.59	1.56	1.58	1.60	1.59	1.59	1.59	1.62	1.62	1.63	*1.66	*1.62
Construction.....do	9.16	9.54	9.65	9.68	9.63	9.58	9.55	10.01	9.98	9.90	9.77	9.90	9.76	*9.81	*9.85	*9.17
Manufacturing.....do	40.60	40.17	40.10	40.06	40.05	40.15	40.21	40.24	40.45	40.35	40.04	40.41	40.37	40.55	*40.65	*40.34
Transportation and public utilities.....do	10.76	10.72	10.58	10.67	10.67	10.80	10.75	10.75	10.86	10.86	10.88	10.89	10.87	*10.95	*10.96	*10.96
Wholesale trade.....do	11.42	11.45	11.45	11.40	11.43	11.42	11.36	11.42	11.46	11.41	11.48	11.50	11.50	*11.56	*11.48	*11.48
Retail trade.....do	26.53	27.10	27.20	27.11	27.21	27.31	27.00	27.25	27.72	27.65	27.93	27.80	27.67	*27.82	*28.00	*28.16
Finance, insurance, and real estate.....do	11.29	11.95	12.05	12.02	12.11	12.21	12.23	12.24	12.30	12.32	12.38	12.42	12.48	*12.46	*12.61	*12.44
Services.....do	37.56	39.46	39.69	39.64	39.85	40.07	40.10	40.30	40.60	40.67	40.79	41.00	41.10	*41.33	*41.53	*41.40
Government.....do	32.65	33.28	33.19	33.65	33.65	33.77	34.07	33.83	33.99	33.98	32.85	34.14	34.04	*33.93	*33.88	*31.28
Indexes of employee-hours (aggregate weekly): ◊																
Private nonagric. payrolls, total.....1977=100																
Goods-producing.....do	115.3	117.4	117.6	117.6	117.7	118.2	117.9	118.7	119.7	119.6	119.6	120.				

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
HOURLY AND WEEKLY EARNINGS \$																
Average hourly earnings per worker: ◊																
Not seasonally adjusted:																
Private nonagric. payrolls.....dollars..	8.57	8.76	8.70	8.82	8.82	8.88	8.86	8.90	8.92	8.92	8.91	8.93	8.92	8.91	8.94	8.96
Mining.....do.....	11.98	12.44	12.51	12.52	12.50	12.57	12.63	12.66	12.56	12.51	12.43	12.42	12.44	12.31	12.35	12.48
Construction.....do.....	12.32	12.47	12.44	12.59	12.68	12.66	12.77	12.58	12.51	12.59	12.55	12.60	12.61	12.57	12.67	12.80
Manufacturing.....do.....	9.54	9.73	9.68	9.73	9.72	9.78	9.85	9.84	9.84	9.85	9.87	9.87	9.87	9.87	9.86	10.02
Excluding overtime.....do.....	9.16	9.34	9.27	9.31	9.32	9.37	9.42	9.44	9.44	9.44	9.48	9.45	9.44	9.46	9.41	9.56
Durable goods.....do.....	10.10	10.29	10.22	10.29	10.27	10.33	10.40	10.38	10.39	10.39	10.39	10.40	10.42	10.40	10.41	10.53
Excluding overtime.....do.....	9.69	9.87	9.80	9.84	9.84	9.90	9.94	9.95	9.96	9.95	9.98	9.96	9.96	9.97	9.94	10.06
Lumber and wood products.....do.....	8.22	8.33	8.33	8.35	8.32	8.35	8.32	8.27	8.31	8.28	8.34	8.37	8.44	8.46	8.46	8.81
Furniture and fixtures.....do.....	7.17	7.46	7.50	7.55	7.53	7.55	7.65	7.61	7.58	7.58	7.58	7.64	7.66	7.67	7.74	7.80
Stone, clay, and glass products.....do.....	9.84	10.05	10.07	10.11	10.10	10.14	10.17	10.17	10.15	10.13	10.23	10.26	10.29	10.33	10.31	10.44
Primary metal industries.....do.....	11.67	11.86	11.74	11.82	11.75	11.80	11.82	11.76	11.78	11.82	11.96	11.96	11.97	11.97	11.92	12.11
Fabricated metal products.....do.....	9.70	9.89	9.82	9.88	9.88	9.94	10.02	9.98	9.99	9.99	9.98	9.97	10.00	9.95	9.95	10.03
Machinery, except electrical.....do.....	10.29	10.59	10.59	10.61	10.58	10.62	10.67	10.64	10.68	10.72	10.70	10.70	10.76	10.74	10.77	10.84
Electric and electronic equip.....do.....	9.46	9.65	9.64	9.70	9.67	9.73	9.82	9.84	9.84	9.84	9.82	9.83	9.84	9.89	9.90	9.96
Transportation equipment.....do.....	12.71	12.81	12.70	12.82	12.82	12.88	12.96	12.93	12.93	12.96	12.80	12.85	12.88	12.83	12.90	13.12
Instruments and related products.....do.....	9.17	9.47	9.47	9.54	9.56	9.63	9.65	9.64	9.67	9.67	9.67	9.69	9.70	9.74	9.79	9.84
Miscellaneous manufacturing.....do.....	7.30	7.54	7.51	7.58	7.57	7.62	7.69	7.69	7.68	7.66	7.67	7.72	7.74	7.72	7.71	7.78
Nondurable goods.....do.....	8.71	8.94	8.94	8.96	8.96	9.02	9.07	9.09	9.08	9.09	9.14	9.13	9.11	9.16	9.11	9.32
Excluding overtime.....do.....	8.38	8.58	8.56	8.57	8.59	8.64	8.69	8.72	8.72	8.72	8.79	8.75	8.72	8.77	8.70	8.87
Food and kindred products.....do.....	8.57	8.74	8.66	8.65	8.69	8.79	8.88	8.90	8.91	8.93	8.95	8.96	8.91	8.88	8.81	8.95
Tobacco manufactures.....do.....	11.96	12.85	13.55	12.29	12.14	12.67	12.93	12.97	13.44	13.80	14.28	14.53	15.57	14.85	14.10	12.97
Textile mill products.....do.....	6.70	6.93	6.97	7.02	7.02	7.05	7.10	7.10	7.11	7.12	7.12	7.13	7.15	7.14	7.17	7.24
Apparel and other textile products.....do.....	5.73	5.84	5.83	5.91	5.87	5.87	5.90	5.94	5.93	5.93	5.94	5.89	5.91	5.89	5.90	6.04
Paper and allied products.....do.....	10.83	11.18	11.19	11.23	11.25	11.27	11.34	11.26	11.26	11.27	11.37	11.40	11.41	11.48	11.41	11.71
Printing and publishing.....do.....	9.71	9.99	10.02	10.12	10.09	10.11	10.15	10.14	10.16	10.17	10.14	10.19	10.19	10.25	10.31	10.49
Chemicals and allied products.....do.....	11.56	11.93	11.99	12.03	12.08	12.17	12.20	12.18	12.21	12.24	12.30	12.31	12.27	12.37	12.32	12.57
Petroleum and coal products.....do.....	14.06	14.18	14.06	14.18	14.19	14.32	14.41	14.57	14.51	14.50	14.50	14.52	14.43	14.48	14.51	14.84
Rubber and plastics products, nec.....do.....	8.54	8.73	8.77	8.72	8.73	8.77	8.82	8.83	8.79	8.80	8.82	8.84	8.87	8.93	8.90	9.07
Leather and leather products.....do.....	5.88	5.92	5.92	5.95	5.95	5.98	5.98	6.04	6.01	6.06	6.12	6.05	6.04	5.98	6.01	6.21
Transportation and public utilities.....do.....	11.40	11.70	11.67	11.77	11.77	11.90	11.90	11.89	11.93	11.90	11.94	11.95	11.91	12.00	12.01	12.10
Wholesale trade.....do.....	9.16	9.35	9.32	9.37	9.36	9.47	9.47	9.49	9.55	9.53	9.53	9.57	9.57	9.57	9.61	9.64
Retail trade.....do.....	5.94	6.03	5.97	6.06	6.06	6.08	6.07	6.09	6.09	6.08	6.09	6.09	6.08	6.07	6.06	6.20
Finance, insurance, and real estate.....do.....	7.94	8.35	8.34	8.39	8.39	8.57	8.48	8.60	8.75	8.72	8.71	8.72	8.68	8.69	8.79	8.80
Services.....do.....	7.90	8.16	8.04	8.19	8.23	8.33	8.32	8.37	8.43	8.41	8.40	8.38	8.35	8.33	8.39	8.51
Seasonally adjusted:																
Private nonagricultural payrolls.....dollars..	8.57	8.76	8.77	8.78	8.82	8.86	8.84	8.86	8.88	8.91	8.91	8.95	8.94	8.96	9.02	9.02
Mining.....do.....	11.98	12.45	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Construction.....do.....	12.32	12.47	12.48	12.48	12.57	12.70	12.65	12.51	12.48	12.62	12.61	12.65	12.72	12.67	12.71	12.70
Manufacturing.....do.....	9.54	9.73	9.75	9.75	9.77	9.78	9.79	9.81	9.83	9.86	9.88	9.88	9.87	9.87	9.93	10.04
Transportation and public utilities.....do.....	11.40	11.70	11.71	11.73	11.77	11.82	11.83	11.86	11.89	11.92	11.96	12.05	11.97	12.04	12.05	12.10
Wholesale trade.....do.....	9.16	9.35	9.37	9.35	9.40	9.48	9.42	9.47	9.50	9.53	9.52	9.59	9.58	9.59	9.67	9.62
Retail trade.....do.....	5.94	6.03	6.03	6.05	6.06	6.07	6.09	6.05	6.04	6.05	6.08	6.09	6.10	6.11	6.13	6.19
Finance, insurance, and real estate.....do.....	7.94	8.34	8.41	8.39	8.43	8.59	8.46	8.59	8.66	8.67	8.69	8.74	8.68	8.74	8.86	8.80
Services.....do.....	7.90	8.16	8.17	8.18	8.22	8.29	8.25	8.30	8.35	8.38	8.39	8.41	8.40	8.44	8.53	8.49
Indexes of avg. hourly earnings, seas. adj.: ◊																
Private nonfarm economy:																
Current dollars.....1977=100..	165.2	169.3	169.5	169.8	170.2	171.2	171.1	171.2	171.8	172.2	172.6	172.9	172.9	173.2	174.1	174.7
1977 dollars †.....do.....	94.1	95.0	95.2	95.0	95.1	95.5	95.3	94.7	94.6	94.4	94.2	94.0	93.8	93.7	93.7	93.8
Mining †.....do.....	178.9	181.4	181.9	181.8	181.7	182.6	182.7	182.6	181.7	181.4	181.3	181.6	182.1	181.8	182.0	183.7
Construction.....do.....	150.5	152.1	152.0	151.9	153.2	154.7	154.3	152.8	152.4	153.8	153.7	154.1	155.0	154.3	154.7	154.4
Manufacturing.....do.....	168.6	172.3	172.7	172.7	173.0	173.2	173.4	173.4	173.7	174.3	175.0	174.4	174.7	174.7	175.3	176.9
Transportation and public utilities.....do.....	166.2	171.0	171.2	171.7	171.9	172.9	173.5	173.6	174.3	174.6	175.2	176.2	176.6	176.4	176.7	176.8
Wholesale trade †.....do.....	169.0	172.5	172.0	172.9	172.9	174.8	174.8	175.0	176.0	175.8	175.9	176.7	176.4	176.6	177.3	177.9
Retail trade.....do.....	155.6	158.3	158.6	159.0	159.3	159.3	159.3	158.9	158.9	159.0	159.8	160.2	160.3	160.9	161.5	162.5
Finance, insurance, and real estate †.....do.....	171.8	179.8	179.5	180.4	180.5	184.0	182.4	184.7	187.8	187.0	186.7	187.1	186.5	186.8	189.1	189.0
Services.....do.....	163.2	174.3	174.6	174.7	175.7	177.1	176.6	177.5	178.4	179.0	179.4	179.9	179.9	180.5	182.3	181.7
Hourly wages, not seasonally adjusted:																
Construction wages, 20 cities (ENR): ††																
Common labor.....\$ per hr.....	15.95	16.37	16.57	16.58	16.60	16.60	16.65	16.66	16.67	16.67	16.67	16.72	16.84	16.89	16.99	17.05
Skilled labor.....do.....	20.96	21.46	21.69	21.76	21.75	21.78	21.80	21.83	21.84	21.85	21.87	21.94	22.01	22.12	22.30	22.41
Railroad wages (average, class I).....do.....	13.62	13.84	13.96	13.88	13.77	14.24	14.49	14.10	14.47	14.13	14.23	14.28	14.28	14.34	14.32	.....
Avg. weekly earnings per worker, private nonfarm: ◊																
Current dollars, seasonally adjusted.....	299.09	304.85	304.32	304.67	306.05	308.33	305.86	307.44	309.91	310.07	309.18	312.36	311.11	311.87	314.80	312.09
1977 dollars, seasonally adjusted †.....	170.42	171.07	170.97	170.59	171.07	171.96	170.40	170.04	170.75	170.09	168.77	169.95	168.71	168.73	190.19	169.90
Current dollars, not seasonally adjusted:																
Private nonfarm, total.....dollars..																
Mining.....do.....	519.93	524.97	529.17	527.09	526.25	520.40	535.51	538.05	527.52	522.92	519.57	526.61	527.46	518.25	526.11	520.42
Construction.....do.....	464.46	466.38	476.45	484.72	489.57	462.09	469.94	467.98	460.37	470.87	469.37	485.10	480.44	485.20	489.06	464.64
Manufacturing.....do.....	386.37	396.01	393.98	398.93	395.60	400.98	408.78	401.47	401.47	402.87	398.75	403.68	405.66	400.72	403.27	406.81
Durable goods.....do.....	416.12	424.98	420.04	428.06	424.15	429.73	439.92	430.77	431.19	432.22	427.03	43				

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Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
WORK STOPPAGES																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year.....number		68	10	7	5	2	1	2	5	3	2	3	8	5	2	5
Workers involved in stoppages:																
Beginning in month or year.....thous.	324	529	113	38	44	9	3	7	38	12	3	7	16	8	17	43
Days idle during month or year.....do.	*7,079	12,140	1,612	1,208	1,412	941	939	829	794	104	151	223	295	483	403	1,115
UNEMPLOYMENT INSURANCE																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly # @.....thous.	*2,693	*2,746	2,483	2,335	2,296	2,478	2,841	3,276	3,155	2,933	2,526	2,216	2,108			
State programs (excluding extended duration provisions):																
Initial claims.....thous.	*20,612	*19,673	1,379	1,329	1,525	1,464	2,164	2,202	1,476	1,384	1,356	1,144	1,309			
Insured unemployment, avg. weekly.....do.	*2,611	*2,650	2,393	2,247	2,204	2,377	2,729	3,162	3,048	2,839	2,456	2,155	2,051			
Percent of covered employment: @ @																
Unadjusted.....do.	2.9	2.8	2.5	2.4	2.3	2.5	2.9	3.3	3.2	3.0	2.6	2.3	2.1			
Seasonally adjusted.....do.			2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4			
Beneficiaries, average weekly.....thous.	*2,295	*2,337	2,119	1,965	1,879	1,941	2,375	2,619	2,753	2,664	2,304	1,903	1,862			
Benefits paid @.....mil. \$.	*13,978	*15,403	1,160	1,144	1,147	1,081	1,449	1,538	1,493	1,595	1,372	1,084	1,105			
Federal employees, insured unemployment, average weekly.....thous.	*22	23	21	21	22	24	25	27	25	22	20	18	18			
Veterans' program (UCX):																
Initial claims.....do.	*147	*151	12	11	11	11	14	13	13	14	13	12	12			
Insured unemployment, avg. weekly.....do.	*18	20	21	21	17	17	18	20	20	20	20	19	19			
Beneficiaries, average weekly.....do.	18	*18	19	18	16	14	16	21	18	17	17	16	17			
Benefits paid.....mil. \$.	*129.2	*139.8	11.7	11.9	10.8	8.3	10.7	10.9	10.5	11.2	11.4	10.5	11.2			
Railroad program:																
Applications.....thous.																
Insured unemployment, avg. weekly.....do.	25	26	18	21	21	23	33	38	35	31	19	15	12			
Benefits paid.....mil. \$.																

FINANCE

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$.	68,413	64,974	64,480	67,009	65,920	64,952	64,974	65,049	65,144	65,954	66,752	*67,779	69,622	68,495	68,419	67,958
Commercial and financial company paper, total.....do.	293,909	326,144	322,648	326,967	329,955	326,678	326,144	333,916	337,458	337,133	349,763	355,445	351,253	347,421	347,916	
Financial companies.....do.	213,739	253,131	239,498	243,295	244,066	243,461	253,131	257,970	263,342	262,702	269,578	276,216	272,186	268,049	270,454	
Dealer placed.....do.	79,596	102,753	92,146	96,458	96,470	94,990	102,753	102,961	104,047	103,594	105,583	107,353	109,010	105,285	107,398	
Directly placed.....do.	134,143	150,378	147,352	146,837	147,539	148,471	150,378	155,009	159,295	159,108	163,995	168,863	163,176	162,764	162,556	
Nonfinancial companies.....do.	80,170	73,013	83,150	83,672	85,889	83,217	73,013	75,946	74,111	74,431	80,185	79,229	79,067	79,372	77,462	
Loans of the Farm Credit System: **																
Total, end of period.....mil. \$.	83,737	58,250		61,834			58,250				55,507					
Federal land banks and Federal land bank associations.....do.	47,498	39,286		41,433			39,286				37,458					
Federal intermediate credit banks and production credit associations.....do.	28,137	11,563		12,935			11,563				10,423					
Banks for cooperatives.....do.	8,102	7,400		7,465			7,400				7,626					
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$.	237,572	267,359	234,762	245,900	239,359	243,334	267,359	253,456	243,485	254,382	273,590	255,122	265,548	257,388	252,736	262,649
Reserve bank credit outstanding, total #.....do.	195,296	224,285	195,158	202,335	199,196	205,775	224,285	212,291	203,434	210,956	232,512	216,741	223,568	217,861	215,987	221,753
Loans.....do.	3,060	1,565	913	879	806	557	1,565	513	514	1,587	2,464	822	972	634	566	1,941
U.S. Government securities.....do.	181,327	211,316	185,937	190,751	189,995	196,293	211,316	202,436	194,178	196,409	218,883	207,304	212,306	208,170	207,238	211,941
Gold certificate account.....do.	11,090	11,084	11,084	11,084	11,084	11,084	11,084	11,075	11,059	11,081	11,076	11,070	11,069	11,069	11,068	11,075
Liabilities, total #.....do.	237,572	267,359	234,762	245,900	239,359	243,334	267,359	253,456	243,485	254,382	273,590	255,122	265,548	257,388	252,736	262,649
Deposits, total.....do.	39,503	56,899	36,364	45,313	40,239	41,475	56,899	51,013	41,855	46,394	65,713	45,219	50,652	45,409	41,833	49,022
Member-bank reserve balances.....do.	25,631	48,107	34,570	36,794	36,966	38,296	48,107	34,588	37,133	41,973	35,149	38,144	36,102	39,501	37,491	39,023
Federal Reserve notes in circulation.....do.	181,450	195,360	185,349	184,191	186,022	190,327	195,360	188,763	189,370	191,170	193,547	196,714	198,255	199,115	199,424	199,680
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$.	*48,142	*59,560	51,277	53,189	54,623	56,399	59,560	59,663	57,060	57,061	59,393	58,339	58,784	58,838	*58,361	59,817
Required.....do.	*47,085	*58,191	50,538	52,463	53,877	55,421	58,191	58,600	55,849	56,146	58,566	57,260	57,594	58,078	*57,329	59,020
Excess.....do.	*1,058	*1,369	740	726	746	978	1,369	1,063	1,211	916	827	1,079	1,190	761	1,032	797
Borrowings from Federal Reserve banks.....do.	*1,318	*827	872	1,008	841	752	827	580	556	527	993	1,035	776	672	647	940
Free reserves.....do.	*-204	*580	12	-145	4	296	580	522	726	480	-46	240	673	372	664	88
Large commercial banks reporting to Federal Reserve System: †																
Deposits:																
Demand, total #.....mil. \$.	254,210	289,536	216,886	209,372	212,303	238,557	289,536	228,664	220,771	215,387	229,261	231,830	221,666	215,132	211,519	239,687
Individuals, partnerships, and corporations ††.....do.	192,578	222,571	163,634	159,988	163,712	181,456	222,571	174,212	170,336	167,711	176,896	179,549	167,335	166,238	163,423	185,722
States and political subdivisions.....do.	6,359	6,846	5,324	5,138	4,912	5,694	6,846	5,311	5,315	5,066	5,585	5,478	5,476	5,192	5,331	6,169
U.S. Government.....do.	1,583	1,801	2,588	2,972	2,582	2,749	1,801	2,373	2,118	2,013	4,378	1,288	3,030	2,768	2,476	3,098
Depository institutions in U.S. ††.....do.	30,750	34,039	24,696	24,308	24,294	28,071	34,039	25,628	25,767	24,000	24,219	27,652	23,444	23,125	23,251	26,537
Transaction balances other than demand deposits *.....do.	43,116	60,167	47,932	48,643	50,502	53,313	60,167	57,268	57,780	59,152	60,280	59,148	58,552	59,387	60,381	60,321
Nontransaction balances, total *.....do.	490,387	509,177	493,999	499,413	498,366	500,632	509,177	515,117	518,349	518,410	516,142	523,212	525,456	526,119	525,330	526,449
Individuals, partnerships, and corporations.....do.	453,229	470,733	460,066	460,495	460,286	462,629	470,733	476,464	479,110	479,866	478,065	483,388	486,289	489,031	488,749	488,738
Loans and leases (adjusted), total \$.....do.	726,559	798,437	739,150	746,174	745,285	764,546	798,437	793,512	784,854	782,125	794,953	794,813	794,856	788,909	792,270	807,315
Commercial and industrial.....do.	259,819	289,324	256,546	256,472	257,482	263,306	289,324	282,511	281,062	280,043	277,688	278,868	275,596	269,468	268,805	275,165
For purchasing and carrying securities.....do.	19,818	14,418	16,712	16,043	12,962	18,602	14,418	15,452	13,798	13,904	20,435	14,465	14,377	14,432	14,095	17,064
To nonbank depository and other financial.....do.	26,644	28,545	26,735	26,691	27,028	26,491	28,545	25,450	24,180	24,071	25,543	25,121	25,077	23,014	22,533	23,619
Real estate loans.....do.	179,349	210,292	196,779	198,991	200,442	203,013	210,292	213,637	215,634	218,439	221,069	225,630	229,891	231,801	234,203	237,229
To States and political subdivisions ◊.....do.	36,282	34,515	36,342	36,251	35,472	35,230	34,515	34,847	34,403	34,298	33,508	33,215	32,634	31,909	31,661	31,685
Other loans.....do.	204,647	221,343	206,036	211,726	211,399	217,904	221,343	221,615	215,777	211,370	216,710	217,519	217,281	218,285	220,973	222,553
Investments, total.....do.	161,634	185,989	177,057	178,023	180,100	185,925	185,989	182,104	184,101	180,250	180,056	179,940	176,797	181,246	183,108	183,885
U.S. Treasury and Govt. agency securities, total ◊.....do.	82,290	113,784	102,941	101,708	107,848	113,975	113,784	113,734	116,590	112,955	110,606	111,722	107,910	113,702	115,607	115,805
Investment account ◊.....do.	68,847	93,91														

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FINANCE—Continued																
BANKING—Continued																
Commercial bank credit, seas. adj.: \$																
Total loans and securities (U.S. Government securities)	1,908.0	2,089.8	2,022.6	2,044.6	2,052.4	2,063.5	2,089.8	2,118.3	2,119.7	2,126.2	2,147.3	2,160.6	2,167.1	2,169.5	2,189.0	2,206.7
Other securities	271.4	309.9	291.5	294.9	299.6	304.1	309.9	316.3	315.2	314.3	315.8	320.1	316.9	319.8	328.6	331.8
Total loans and leases	1,456.0	1,583.0	1,585.1	1,545.4	1,553.0	1,561.5	1,583.0	1,611.8	1,610.7	1,616.4	1,634.3	1,642.9	1,651.7	1,652.8	1,665.5	1,680.4
Money and interest rates:																
Prime rate charged by banks on short-term business loans	9.93	8.33	7.90	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.75	8.14	8.25	8.25	8.25	8.70
Discount rate (New York Federal Reserve Bank) @	7.69	6.33	5.82	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.95
Federal intermediate credit bank loans	10.64	9.70	9.81	9.26	9.09	8.92	8.85	8.71	8.68	8.69	8.52	8.44	8.42	8.41	8.45	8.43
Home mortgage rates (conventional 1st mortgages):																
New home purchase (U.S. avg.)	11.09	9.74	9.84	9.74	9.57	9.45	9.28	9.14	8.87	8.77	8.84	8.99	9.05	9.01	9.01	9.03
Existing home purchase (U.S. avg.)	11.18	9.80	9.88	9.71	9.59	9.48	9.29	9.19	8.89	8.80	8.79	8.93	9.02	9.05	9.05	8.91
Open market rates, New York City:																
Bankers' acceptances, 90 days	7.92	6.39	5.80	5.60	5.58	5.67	5.96	5.74	5.99	6.09	6.41	6.91	6.83	6.59	6.64	7.31
Commercial paper, 6-month	8.01	6.39	5.83	5.61	5.61	5.69	5.88	5.76	5.99	6.10	6.50	7.04	7.00	6.72	6.81	7.55
Finance co. paper placed directly, 6-mo.	7.75	6.31	5.90	5.54	5.50	5.58	5.74	5.60	5.79	5.88	6.14	6.47	6.50	6.35	6.34	6.90
Yield on U.S. Gov. securities (taxable): 3-month bills (rate on new issue), percent	7.470	5.960	5.570	5.190	5.180	5.350	5.490	5.450	5.590	5.560	5.760	5.750	5.690	5.780	6.000	6.320
CONSUMER INSTALLMENT CREDIT +																
Not seasonally adjusted																
Total outstanding (end of period) #	530,968	586,259	565,083	573,620	579,148	579,861	586,259	580,634	575,288	574,509	578,656	580,329	586,386	591,075	597,488	
By major holder:																
Commercial banks	245,055	264,829	258,169	260,168	261,142	262,457	264,829	262,999	260,958	260,477	261,946	262,289	263,680	264,867	266,481	
Finance companies	113,398	136,581	130,425	137,136	139,951	138,160	136,581	135,091	133,913	133,868	135,129	135,466	137,993	139,811	142,015	
Credit unions	72,715	78,508	75,950	76,913	77,778	78,056	78,508	78,127	77,793	77,925	78,589	79,081	80,343	81,353	82,578	
Retailers	42,776	44,679	39,548	39,518	39,796	40,702	44,679	42,440	40,660	39,905	39,713	39,739	39,620	39,370	39,563	
Savings institutions *	52,720	58,391	57,398	56,424	57,129	57,278	58,391	58,588	58,759	59,149	59,994	60,405	61,227	61,941	62,920	
Seasonally adjusted																
Total outstanding (end of period) #			563,661	571,275	576,862	577,645	577,789	578,578	579,591	579,913	583,594	583,277	587,821	591,175	595,832	
By major holder:																
Commercial banks			257,482	258,982	260,937	262,941	261,611	261,694	262,106	261,933	263,433	263,464	264,396	265,085	265,818	
Finance companies			129,264	135,518	138,037	136,312	136,496	135,802	136,009	136,050	137,091	136,998	138,038	138,745	140,689	
Credit unions			75,640	76,303	76,993	77,506	77,854	78,284	78,491	78,570	79,255	79,476	80,585	81,492	82,233	
Retailers			40,379	40,455	40,564	40,496	40,585	40,617	40,644	40,469	40,467	40,318	40,287	40,364	40,391	
Savings institutions *			57,525	56,685	57,043	57,169	58,037	58,906	59,031	59,488	59,827	60,045	60,983	61,910	63,059	
By major credit type:																
Automobile			231,202	239,015	243,395	242,998	245,056	245,471	246,064	246,290	247,682	247,578	250,130	250,981	253,887	
Revolving			133,175	133,118	133,812	134,388	134,940	134,916	135,663	135,166	136,706	136,869	137,401	138,741	139,769	
Mobile home			25,940	25,731	25,733	25,732	25,710	25,552	25,789	25,614	25,625	25,542	25,685	25,860	25,692	
Total net change (during period) #			5,607	7,614	5,587	782	144	789	1,013	322	3,681	-318	4,545	3,354	4,657	
By major holder:																
Commercial banks			1,736	1,501	1,954	2,004	-1,329	82	412	-172	1,501	30	933	789	733	
Finance companies			1,887	6,254	2,519	-1,725	185	-695	207	41	1,041	-693	1,641	1,944	1,944	
Credit unions			778	663	690	513	343	430	208	78	685	221	1,109	707	741	
Retailers			221	75	109	-67	88	32	27	-176	-2	-149	-31	97	27	
Savings institutions *			1,024	-840	359	126	868	869	124	458	338	218	938	927	1,149	
By major credit type:																
Automobile			3,381	7,813	4,380	-396	2,057	416	592	226	1,373	-85	2,553	7,850	2,906	
Revolving			992	-58	694	576	552	-23	746	-496	1,540	163	532	1,850	1,028	
Mobile home			49	-209	52	-51	-21	141	-63	-175	12	-84	143	175	-168	
FEDERAL GOVERNMENT FINANCE																
Budget receipts and outlays:																
Receipts (net)	734,057	769,091	56,523	78,013	59,012	52,967	78,035	81,771	55,463	56,515	122,897	47,691	82,945	64,223	60,213	92,410
Outlays (net)	945,987	990,231	84,579	81,939	84,302	80,054	90,250	83,928	83,842	84,547	84,078	83,149	83,439	86,431	81,940	77,140
Budget surplus or deficit (-)	-211,931	-221,140	-28,056	-3,926	-25,290	-27,087	-12,215	-2,157	-28,379	-28,032	-38,819	-35,459	-494	-22,208	-21,727	15,270
Budget financing, total	211,931	221,140	28,056	3,926	25,290	27,087	12,215	2,157	28,379	28,032	38,819	35,459	494	22,208	21,727	-15,270
Borrowing from the public	197,269	236,187	20,423	22,377	5,971	40,433	22,962	4,339	15,262	7,904	8,913	12,719	9,728	-3,163	33,060	-8,060
Reduction in cash balances	14,662	-15,047	7,633	-18,451	19,319	-13,346	-10,747	-2,183	13,188	20,128	-47,732	22,739	-9,235	25,371	-11,333	-7,210
Gross amount of debt outstanding	1,827,470	2,129,964	2,098,878	2,129,964	2,143,470	2,184,129	2,219,565	2,226,528	2,245,791	2,251,433	2,272,499	2,291,587	2,313,438	2,311,067	2,348,300	2,354,286
Held by the public	1,509,857	1,746,044	1,723,667	1,746,044	1,752,015	1,792,447	1,815,410	1,819,749	1,835,011	1,842,915	1,851,828	1,864,547	1,874,275	1,871,115	1,904,175	1,896,114
Budget receipts by source and outlays by agency:																
Receipts (net), total	734,057	769,091	56,523	78,013	59,012	52,967	78,035	81,771	55,463	56,515	122,897	47,691	82,945	64,223	60,213	92,410
Individual income taxes (net)	334,560	348,959	25,764	37,125	31,123	24,122	33,584	46,466	22,805	14,240	71,850	9,275	40,521	31,889	26,884	39,797
Corporation income taxes (net)	61,331	63,143	1,075	11,448	540	1,748	15,693	3,460	936	13,114	11,189	1,844	10,973	2,358	1,566	20,506
Social insurance taxes and contributions (net)	265,163	283,901	23,738	23,507	21,179	21,751	22,267	25,664	25,590	23,689	33,646	30,218	24,712	23,346	25,712	25,403
Other	73,003	73,087	5,945	5,933	6,170	5,345	6,492	6,181	6,131	5,472	6,213	6,354	6,740	6,630	6,051	6,705
Outlays (net), total #	945,987	990,231	84,579	81,939	84,302	80,054	90,250	83,928	83,842	84,547	84,078	83,149	83,439	86,431	81,940	77,140
Agriculture Department	55,523	58,666	3,290	5,758	5,733	5,178	5,985	6,433	3,877	4,629	4,754	2,935	1,818	4,193	3,325	733
Defense Department, military	245,371	265,636	21,858	23,288	22,525	20,197	23,498	21,598	22,857	24,073	23,758	22,936	24,012	23,477	23,270	21,470
Health and Human Services Department	315,537	333,935	29,148	26,890	29,905	26,552	30,390	28,510	29,024	28,134	29,804	29,563	32,344	30,552	27,748	28,792
Treasury Department	164,987	179,189	13,525	9,721	7,965	14,109	25,557	12,988	13,744	11,917	12,047	14,198	26,202	12,323	13,866	11,143
National Aeronautics and Space Administration	7,251	7,403	582	728	625	626	746	442	669	583	525	661	699	671	645	698
Veterans Administration	26,333	26,536	3,369	822	3,484	790	3,645	2,240	2,066	1,149	2,382	2,049	2,457	3,380	1,133	2,178
GOLD AND SILVER:																
Gold:																
Monetary stock, U.S. (end of period) @	11,090	11,064	11,084	11,084	11,066	11,070	11,064	11,062	11,085	11,081	11,076	11,070	11,069	11,069	11,068	
Price at New York #	317.299	367.867	376.852	419.014	423.617	398.806	391.225	408.260	401.318	408.914	438.721	461.230	449.591	450.809	460.883	460.198
Silver:																
Price at New York #	6.142	5.470	5.218	5.683	5.667	5.596	5.364	5.529	5.488	5.682						

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FINANCE—Continued																
MONETARY STATISTICS																
Currency in circulation (end of period).....bil. \$..	197.5	212.0		200.6				212.0				207.8				215.2
Money stock measures and components (averages of daily figures): †																
Measures (not seasonally adjusted): ‡																
M1.....bil. \$..	593.9	673.3	685.2	691.2	698.9	715.4	746.5	744.4	723.3	723.9	757.5	744.9	749.1	751.5	749.3	749.3
M2.....do.....	2,482.0	*2,682.1	*2,716.1	*2,729.3	*2,757.8	*2,778.5	*2,814.7	*2,833.7	*2,811.1	*2,820.3	*2,848.6	*2,829.3	*2,842.7	*2,854.8	*2,860.1	*2,867.5
M3.....do.....	3,102.9	*3,355.5	*3,392.2	*3,417.1	*3,440.2	*3,466.7	*3,507.5	*3,529.2	*3,512.6	*3,524.4	*3,552.0	*3,550.1	*3,574.3	*3,583.2	*3,601.0	*3,617.4
L (M3 plus other liquid assets).....do.....	3,684.8	*3,991.1	*4,024.4	*4,049.6	*4,076.1	*4,110.2	*4,153.4	*4,184.0	*4,172.1	*4,172.8	*4,189.4	*4,199.2	*4,227.6	*4,221.8	*4,245.1	
Components (not seasonally adjusted):																
Currency.....do.....	165.0	177.4	179.9	179.5	180.9	183.2	186.2	184.6	184.8	186.0	188.0	190.2	191.9	193.8	*194.1	194.3
Demand deposits.....do.....	259.6	286.1	289.4	291.3	293.0	300.1	319.5	311.0	292.0	291.5	305.8	293.8	298.8	*298.6	294.8	293.3
Other checkable deposits ††.....do.....	163.6	203.6	208.6	213.5	218.5	226.0	235.0	242.8	240.3	245.0	257.4	249.4	251.3	*251.4	252.5	254.2
Overnight RP's and Eurodol- lars.....do.....	63.3	*71.8	*75.0	*73.2	*78.2	*77.5	*78.4	*84.7	*80.1	*76.9	*76.9	*76.0	*74.5	*74.7	*77.7	79.8
General purpose and broker/dealer money market funds.....do.....	175.6	195.9	200.5	202.2	206.9	207.1	207.6	209.0	210.7	211.6	211.0	*208.9	*209.6	*209.8	*212.8	216.5
Money market deposit accounts.....do.....	480.3	543.1	553.6	558.8	564.4	568.7	571.4	574.3	570.8	570.6	565.5	557.1	553.5	548.0	*543.5	539.1
Savings deposits.....do.....	295.0	328.7	333.2	339.6	351.2	358.3	365.6	376.4	384.6	395.1	406.1	412.7	417.5	420.3	418.4	417.3
Small time deposits @.....do.....	382.1	878.1	877.5	873.3	867.3	859.5	854.2	*854.5	*854.0	*846.0	*840.3	*838.5	*846.3	*858.7	*866.4	873.4
Large time deposits @.....do.....	425.0	447.6	449.2	450.3	447.1	446.7	448.1	451.3	451.2	452.5	451.2	453.3	453.3	*461.1	*466.2	471.2
Measures (seasonally adjusted): ‡																
M1.....do.....			687.0	693.1	701.4	712.4	730.5	737.7	737.4	739.5	750.3	753.1	746.6	747.6	750.9	751.1
M2.....do.....			*2,718.7	*2,736.8	*2,761.4	*2,776.3	*2,801.2	*2,823.5	*2,823.0	*2,826.5	*2,839.9	*2,840.4	*2,841.5	*2,847.7	*2,862.1	2,874.7
M3.....do.....			3,396.8	*3,422.7	*3,443.7	*3,462.4	*3,492.3	*3,518.4	*3,522.3	*3,527.3	*3,543.9	*3,559.9	*3,576.5	*3,583.5	*3,605.5	3,622.6
L (M3 plus other liquid assets).....do.....			4,027.7	*4,055.6	*4,081.7	*4,107.4	*4,139.9	*4,172.6	*4,180.4	*4,169.7	*4,181.4	*4,214.6	*4,228.4	*4,221.6	4,248.5	
Components (seasonally adjusted):																
Currency.....do.....			179.0	179.7	181.2	182.4	188.5	186.0	187.2	187.7	188.9	190.2	191.1	192.1	193.2	194.5
Demand deposits.....do.....			291.2	292.2	293.4	297.8	308.3	305.1	300.8	299.3	303.9	303.9	297.4	296.2	296.4	294.0
Other checkable deposits ††.....do.....			210.4	214.7	220.3	225.8	232.3	240.1	242.9	245.7	250.7	252.2	251.2	252.5	254.5	255.5
Savings deposits.....do.....			384.6	341.4	350.5	358.5	366.3	376.7	387.2	396.3	406.1	411.7	415.2	*416.8	420.0	419.5
Small time deposits @.....do.....			876.7	872.2	864.7	857.1	853.5	851.6	*848.5	*846.1	*843.9	*843.2	*850.1	*858.7	*865.8	872.5
Large time deposits @.....do.....			449.4	448.4	445.5	445.8	447.1	449.7	448.2	450.1	454.6	459.7	*465.1	*465.0	*466.7	469.6
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Bureau of the Census):																
Net profit after taxes, all manu- facturing.....mil. \$..	87,648	83,121		18,371			18,706				23,953				31,301	
Food and kindred products.....do.....	12,798	13,292		3,178			4,153				2,879				3,718	
Textile mill products.....do.....	1,200	1,706		429			498				379				386	
Paper and allied products.....do.....	2,880	3,280		819			957				996				1,206	
Chemicals and allied products.....do.....	9,542	12,900		3,855			2,139				4,251				3,883	
Petroleum and coal products.....do.....	12,739	8,823		373			1,539				2,821				4,435	
Stone, clay, and glass products.....do.....	1,627	2,120		655			614				655				852	
Primary nonferrous metal.....do.....	-1,000	760		164			180				278				64	
Primary iron and steel.....do.....	-1,349	-3,372		-2,153			-470				352				397	
Fabricated metal products.....do.....	3,388	3,232		703			617				513				1,275	
Machinery (except electrical).....do.....	-9,676	6,551		1,614			1,404				751				3,216	
Electrical and electronic equipment.....do.....	6,886	7,619		1,521			1,967				1,982				2,414	
Transportation equipment (except motor vehicles and equipment).....mil. \$..	3,594	3,261		1,030			11				1,017				1,208	
Motor vehicles and equipment.....do.....	9,087	8,363		1,265			1,759				2,903				3,298	
All other manufacturing in- dustries.....do.....	16,580	14,586		4,918			3,338				4,176				4,949	
Dividends paid (cash), all manu- facturing.....do.....	45,517	46,044		12,054			12,353				10,771				12,753	
SECURITIES ISSUED																
Securities and Exchange Commission:																
Estimated gross proceeds, total.....mil. \$..	133,742	230,357	18,934	10,035	19,991	21,291	24,871	18,252	20,912	30,209	18,561	*19,086	*19,774	12,895		
By type of security:																
Bonds and notes, corporate.....do.....	87,095	159,689	13,444	6,072	12,951	14,457	17,305	13,475	16,328	18,997	13,269	*11,509	*12,894	9,241		
Common stock.....do.....	36,432	55,070	4,022	3,636	5,824	5,351	5,452	3,537	3,489	8,332	4,811	*6,006	*5,998	3,437		
Preferred stock.....do.....	6,374	11,496	1,368	327	817	1,184	1,018	842	795	2,382	481	697	*882	217		
By type of issuer:																
Corporate, total #.....mil. \$..	129,901	226,255	18,834	10,035	19,592	20,992	23,775	17,854	20,612	29,711	18,561	*18,212	*19,774	12,895		
Manufacturing.....do.....	26,050	41,780	2,618	1,341	2,396	4,128	6,374	2,813	3,651	7,452	1,988	*4,490	*3,187	2,033		
Extractive.....do.....	4,711	4,135	131	428	218	364	149	8	34	2,107	1,669	985	*664	363		
Public utility.....do.....	10,014	23,933	2,003	1,302	1,987	1,914	2,909	1,616	2,642	1,430	1,407	736	*1,961	710		
Transportation.....do.....	4,036	4,560	57	28	728	15	318	0	619	2,255	511	23	*546	954		
Communication.....do.....	4,153	11,491	1,208	334	437	641	999	106	432	57	67	528	*786	186		
Financial and real estate.....do.....	66,174	116,877	11,111	5,228	11,778	11,938	10,551	12,144	11,937	11,130	10,615	*10,099	*10,237	7,794		
State and municipal issues (Bond Buyer):																
Long-term.....do.....	208,954	142,544	25,208	6,986	11,761	11,554	16,538	7,420	7,866	14,476	7,002	6,641	11,087	7,533	5,962	
Short-term.....do.....	19,492	20,111	1,793	544	342	1,215	1,026	366	500	676	2,782	282	1,998	2,430	2,024	
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at broker-dealers, end of year or month.....mil. \$..	28,390	36,480	34,550	34,580	36,310	37,090	36,840	34,960	35,740	38,080	39,820	38,890	38,420	40,250	41,640	44,170
Free credit balances at brokers, end of year or month:																
Margin-account.....do.....	2,715	4,880	3,085	3,395	3,805	3,765	4,880	5,060	4,470	4,730	4,660	4,355	3,680	4,095	4,240	4,270
Cash-account.....do.....	12,840	19,000	14,210	14,060	14,445	15,045	19,000	17,395	17,325	17,370	17,285	16,985	15,405	15,930	16,195	15,895
Bonds																
Prices:																
Standard & Poor's Corporation, domestic municipal (15 bonds).....dol. per \$100 bond..	53.0	65.1	65.6	66.8	67.0	69.2	68.6	71.1	70.9	70.4	63.2	59.8	61.2	61.6	61.1	58.0
Sales:																
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$..	9,046.45	10,475.40	806.33	761.06	815.01	788.96	928.52	880.80	766.66	853.65	932.27	780.02	790.99	793.38	720.53	

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FINANCE—Continued																
Bonds—Continued																
Yields:																
Domestic corporate (Moody's).....percent..	12.05	9.71	9.44	9.55	9.54	9.37	9.23	9.04	9.03	8.99	9.35	9.82	9.87	9.92	10.14	10.64
By rating:																
Aaa.....do	11.37	9.02	8.72	8.89	8.86	8.68	8.49	8.36	8.38	8.36	8.85	9.33	9.32	9.42	9.67	10.18
Aa.....do	11.82	9.47	9.22	9.36	9.33	9.20	9.02	8.86	8.88	8.84	9.15	9.59	9.65	9.64	9.86	10.35
A.....do	12.28	9.95	9.64	9.73	9.72	9.51	9.41	9.23	9.20	9.13	9.36	9.83	9.98	10.00	10.20	10.72
Baa.....do	12.72	10.39	10.18	10.20	10.24	10.07	9.97	9.72	9.65	9.61	10.04	10.51	10.52	10.61	10.80	11.31
By group:																
Industrials.....do	11.80	9.96	9.73	9.68	9.68	9.58	9.49	9.31	9.25	9.23	9.40	9.81	9.87	9.82	9.94	10.28
Public utilities.....do	12.29	9.46	9.15	9.42	9.39	9.15	8.96	8.77	8.81	8.75	9.30	9.82	9.87	10.01	10.33	11.00
Railroads.....do	11.94	9.85	9.69	9.57	9.65	9.56	9.37	9.19	9.22	9.13	9.30	9.53	9.56	9.52	9.69	9.96
Domestic municipal:																
Bond Buyer (20 bonds).....do	9.07	7.23	6.93	7.19	6.94	6.74	6.85	6.56	6.59	6.93	7.85	8.03	7.81	7.73	8.05	8.53
Standard & Poor's Corp. (15 bonds).....do	9.18	7.38	7.31	7.14	7.12	6.86	6.93	6.63	6.67	6.71	7.62	8.10	7.89	7.83	7.90	8.36
U.S. Treasury bonds, taxable $\frac{1}{2}$.....do	10.75	8.14	7.72	8.08	8.04	7.81	7.67	7.60	7.69	7.62	8.31	8.79	8.63	8.70	8.97	9.58
Stocks																
Prices:																
Dow Jones averages (65 stocks).....	541.56	702.50	712.53	709.96	721.67	744.53	753.06	796.65	843.73	865.48	857.52	858.02	895.59	924.48	974.11	936.34
Industrial (30 stocks).....	1,328.23	1,792.76	1,843.45	1,813.47	1,817.04	1,883.65	1,924.07	2,065.13	2,202.34	2,292.61	2,302.64	2,291.11	2,384.02	2,481.72	2,655.01	2,570.80
Public utility (15 stocks).....	157.58	195.24	210.95	205.35	201.41	210.14	210.82	221.59	222.36	217.77	204.62	200.47	202.99	203.38	207.98	198.23
Transportation (20 stocks).....	645.11	785.41	743.80	772.85	825.43	838.43	835.97	861.96	925.78	942.43	931.24	952.58	1,014.02	1,044.15	1,081.73	1,027.73
Standard & Poor's Corporation: \$																
Combined index (500 Stocks).....1941-43=10..	186.84	236.34	245.00	238.27	237.36	245.09	248.61	264.51	280.93	292.47	289.32	289.12	301.38	310.09	329.36	318.66
Industrial total (400 Stocks) #.....do	207.79	262.16	270.23	263.62	263.09	272.79	276.69	296.10	318.18	334.65	335.43	336.10	349.58	362.36	384.94	372.49
Capital goods.....do	188.75	227.14	226.20	229.12	219.49	227.85	234.51	251.85	275.49	288.16	291.95	299.77	304.87	315.79	336.67	327.04
Consumer goods.....do	184.52	260.72	280.30	263.60	262.82	272.91	272.63	291.32	315.13	333.68	326.16	322.75	343.21	353.73	378.96	365.08
Utilities (40 Stocks).....do	82.97	107.65	118.53	113.11	114.01	114.10	115.52	120.09	119.87	117.65	109.97	108.06	112.63	110.93	117.70	114.98
Transportation (20 Stocks).....1982=100..	166.62	200.19	186.18	189.86	205.27	206.35	204.75	212.07	224.37	227.30	222.25	231.31	247.20	256.09	268.34	257.77
Railroads.....1941-43=10..	123.17	141.73	131.50	133.04	135.51	141.50	140.70	148.13	158.02	163.02	160.27	169.22	174.05	186.70	195.96	191.61
Financial (40 Stocks).....1970=10..	22.04	28.36	29.51	27.85	27.59	27.14	27.89	29.26	30.21	31.00	28.42	27.80	29.55	29.44	31.45	30.02
Money center banks \uparrow1941-43=10..	85.44	115.71	122.42	115.88	110.91	110.79	115.90	121.19	121.00	117.56	111.12	114.97	125.53	122.72	128.94	118.70
Major regional banks \uparrowdo	101.62	114.41	116.52	112.04	110.12	113.60	112.15	116.03	115.37	118.22	110.72	110.32	117.56	116.27	123.11	116.76
Property-Casualty Insurance.....do	246.47	312.67	320.60	308.53	302.91	290.71	303.73	316.67	336.07	343.87	301.46	295.91	310.87	310.69	328.90	323.85
N.Y. Stock Exchange common stock indexes:																
Composite.....12/31/65=50..	108.09	136.00	140.91	137.06	136.74	140.84	142.12	151.17	160.23	166.43	163.88	163.00	169.58	174.28	184.18	178.39
Industrial.....do	123.78	155.84	160.10	156.52	156.56	162.10	163.85	175.60	189.17	198.95	199.03	198.78	206.61	214.12	226.49	219.52
Transportation.....do	104.10	119.87	111.24	114.06	120.04	122.27	121.26	126.61	135.49	138.55	137.91	141.30	150.39	157.49	164.02	158.58
Utility.....do	56.74	71.36	77.84	74.56	73.38	75.77	76.07	78.54	78.19	77.15	72.74	71.64	74.25	74.18	78.20	76.13
Finance.....do	114.21	147.20	152.90	145.56	143.89	142.97	144.29	153.32	158.41	162.41	150.52	145.97	152.73	152.25	160.94	154.08
NASDAQ over-the-counter price indexes: *																
Composite.....2/5/71=100..	290.19	366.96	375.62	358.26	355.03	358.08	354.92	384.23	411.71	432.20	422.77	416.63	423.70	429.01	448.39	442.80
Industrial.....do	300.26	367.27	371.05	352.77	350.87	358.46	355.31	391.37	428.59	453.66	449.35	447.28	450.95	456.03	477.19	473.10
Insurance.....do	340.23	430.57	438.50	432.95	430.53	412.84	411.03	437.87	458.29	460.48	429.80	414.05	407.73	436.74	461.87	450.84
Bank.....do	285.42	410.17	433.17	413.51	408.90	420.74	416.83	454.22	495.54	516.69	493.22	474.51	477.16	473.60	496.62	494.26
NASDAQ/NMS composite.....7/10/84=100..	122.90	156.10	159.79	152.43	151.21	152.54	151.55	164.48	176.34	185.03	180.64	177.97	181.14	183.47	192.17	189.82
Industrial.....do	112.22	138.03	139.40	132.63	132.21	135.33	134.71	149.00	163.54	173.09	171.20	170.53	171.96	174.08	182.74	181.31
Yields (Standard & Poor's Corp.):																
Composite (500 stocks).....percent..	4.25	3.48	3.36	3.43	3.49	3.40	3.38	3.17	3.02	2.93	2.99	3.02	2.92	2.83	2.69	2.78
Industrials (400 stocks).....do	3.76	3.09	2.99	3.04	3.08	2.99	2.93	2.78	2.62	2.51	2.52	2.54	2.46	2.36	2.26	2.33
Utilities (40 stocks).....do	8.12	6.54	5.97	6.14	6.37	6.19	6.13	5.88	5.95	6.00	6.68	6.89	6.64	6.69	6.50	6.42
Transportation (20 stocks).....do	2.86	2.43	2.59	2.54	2.45	2.39	2.39	2.30	2.19	2.16	2.23	2.15	2.03	1.90	1.90	1.97
Financial (40 stocks).....do	4.21	3.22	3.08	3.22	3.33	3.38	3.40	3.25	3.20	3.10	3.45	3.58	3.39	3.40	3.19	3.39
Preferred stocks, 10 high-grade.....do	10.44	8.76	8.42	8.10	8.17	8.07	8.18	7.91	7.93	7.52	7.94	8.41	8.31	8.25	8.32	8.64
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$..	1,199,420	1,704,334	130,677	147,892	144,742	139,546	160,605	184,314	180,157	193,961	210,257	186,900	171,072	189,903	.....	.....
Shares sold.....millions..	37,046	48,229	3,738	4,108	4,030	3,951	4,599	5,065	4,840	5,341	5,343	4,797	4,622	5,333	.....	.....
On New York Stock Exchange:																
Market value.....mil. \$..	1,023,179	1,448,235	111,220	127,758	121,600	117,883	135,712	156,482	155,749	165,971	182,930	162,847	147,990	162,926	.....	.....
Shares sold (cleared or settled).....millions..	30,222	39,150	3,046	3,403	3,260	3,223	3,733	4,116	3,974	4,378	4,426	3,991	3,834	4,386	.....	.....
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected).....millions..	27,511	35,680	2,702	3,167	3,017	2,941	3,261	4,041	3,486	3,966	3,930	3,418	3,594	3,968	4,063	.....
NASDAQ over-the-counter: *																
Market value.....mil. \$..	233,454	378,216	27,629	29,230	27,311	25,715	32,824	46,065	46,987	50,933	44,773	38,501	42,752	39,750	44,959	40,424
Shares sold.....millions..	20,699	28,737	2,119	2,213	2,148	2,038	2,624	3,188	3,046	3,306	3,031	2,795	3,285	3,392	3,149	3,115
Shares listed, NYSE, end of period:																
Market value, all listed shares.....bil. \$..	1,950.33	2,199.26	2,279.44	2,127.30	2,237.28	2,266.61	2,199.26	2,470.60	2,563.18	2,628.71	2,581.26	2,603.29	2,718.55	2,845.01	2,945.88	2,885.08
Number of shares listed.....millions..	82,427	59,620	57,452	57,970	58,512	59,062	59,620	60,333	60,991	61,860	62,518	65,155	66,310	68,246	68,660	70,444

FOREIGN TRADE OF THE UNITED STATES

Exports (mdse.), incl. reexports, total @	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Exports (mdse.), incl. reexports, total @	218,828.0	226,818.5	16,897.8	17,531.1	19,563.3	18,412.6	18,523.5	16,755.0	19,360.3	21,775.7	20,496.3	20,783.7	21,126.1	21,008.4	20,222.2	.....
Excl. Dept. of Defense shipments, Seasonally adjusted.....do	218,814.9	226,808.1	16,894.8	17,530.5	19,561.6	18,411.3	18,522.7	16,753.4	19,359.2	21,775.0	20,495.6	20,781.1	21,125.7	21,005.3	20,221.1	.....
By geographic regions:																
Africa.....do	7,388.1	5,978.2	566.4	450.9	465.1	577.9	574.4									

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FOREIGN TRADE OF THE UNITED STATES—Continued																
VALUE OF EXPORTS—Continued																
Exports (mde.), incl. reexports—Continued																
Europe:																
France.....mil. \$	6,095.7	7,215.9	600.6	638.0	644.9	601.1	537.6	519.5	601.0	729.3	633.5	645.4	682.5	583.9	610.6	
German Democratic Republic.....do	72.3	87.9	9.9	5.3	9.9	9.8	27.2	2.0	3.0	15.5	4.9	2.3	4.5	2.1	1.4	
Federal Republic of Germany.....do	9,050.0	10,560.5	859.0	821.3	1,051.8	1,068.8	975.8	863.2	1,084.7	1,046.3	913.7	957.2	894.8	839.3	886.9	
Italy.....do	4,625.2	4,838.3	342.3	361.0	425.8	461.4	412.9	433.8	483.0	501.8	458.6	479.9	517.4	367.9	387.4	
Union of Soviet Socialist Republics.....do	2,422.8	1,247.5	66.5	40.8	62.0	44.2	47.0	31.4	51.2	67.9	168.7	196.6	135.5	200.8	144.0	
United Kingdom.....do	11,272.9	11,418.2	933.7	878.0	983.2	1,016.8	976.7	819.4	1,149.2	1,371.8	1,389.2	1,141.9	1,153.0	1,044.2	1,123.4	
North and South America:																
Canada.....do	*53,287.1	*55,511.6	3,094.7	4,119.4	4,175.9	3,911.1	3,719.0	4,152.3	4,762.8	5,258.9	4,928.3	5,055.1	*5,605.7	4,715.0	4,165.8	
Latin American Republics,																
total #.....do	27,849.8	27,968.0	2,452.8	2,314.9	2,497.1	2,349.7	2,256.8	2,088.8	2,206.8	2,505.2	2,338.9	2,621.3	2,639.6	3,001.6	2,639.0	
Brazil.....do	3,139.6	3,885.3	441.0	412.5	388.1	370.4	352.7	227.5	245.5	258.3	264.6	279.7	288.3	618.5	306.2	
Mexico.....do	13,634.7	12,391.6	1,009.6	964.9	1,087.1	945.8	945.2	1,016.7	1,030.9	1,276.8	1,120.9	1,192.5	1,243.6	1,225.5	1,192.8	
Venezuela.....do	3,399.4	3,141.0	244.3	234.5	243.2	279.4	264.0	201.7	227.7	236.2	215.4	341.6	295.1	344.5	332.2	
Exports of U.S. merchandise, total \$.....do	*212,361.3	*216,555.2	16,830.8	16,860.4	18,594.1	17,895.0	17,777.4	16,213.5	18,658.8	21,050.4	19,755.2	20,009.1	*20,295.9	20,312.5	19,503.7	
Excluding military grant-aid.....do	*212,948.2	*216,543.1	16,827.8	16,859.8	18,592.4	17,893.7	17,776.6	16,211.9	18,657.7	21,048.7	19,754.5	20,006.5	*20,295.5	20,309.4	19,502.6	
Agricultural products, total.....do	29,241.5	26,061.0	1,835.3	1,915.1	2,434.3	2,512.1	2,566.4	2,165.1	2,220.8	2,416.2	2,270.1	2,178.9	2,070.7	2,385.7	2,134.8	
Nonagricultural products, total.....do	*183,719.8	*190,494.2	14,945.6	14,945.4	16,159.2	15,382.9	15,211.0	14,048.4	16,438.0	18,634.2	17,485.1	17,830.3	*18,225.2	17,926.9	17,369.0	
By commodity groups and principal commodities:																
Food and live animals #.....mil. \$	19,267.9	17,302.6	1,604.5	1,465.0	1,638.1	1,523.0	1,472.5	1,286.6	1,402.8	1,561.9	1,474.0	1,543.9	1,502.1	1,785.6	1,706.3	
Beverages and tobacco.....do	2,958.2	2,920.2	209.5	207.0	228.1	339.5	388.3	291.8	235.7	297.8	303.3	305.8	263.7	276.5	283.7	
Crude materials, inedible, exc. fuels #.....do	16,939.5	17,323.8	1,275.7	1,238.3	1,557.2	1,642.2	1,725.3	1,435.4	1,605.6	1,706.3	1,562.5	1,503.5	1,593.3	1,613.6	1,688.3	
Mineral fuels, lubricants, etc. #.....do	9,970.9	8,114.5	661.1	657.4	670.0	641.2	619.7	573.3	564.3	619.9	633.1	623.3	653.9	604.9	674.7	
Oils and fats, animal and vegetable.....do	1,434.0	1,014.9	98.0	91.8	59.7	55.4	74.3	58.7	59.0	73.3	58.2	70.1	75.4	89.3	99.4	
Chemicals.....do	21,753.7	22,765.8	2,049.7	1,942.0	1,935.6	1,897.4	1,907.9	1,759.1	1,919.0	2,343.0	2,155.9	2,412.7	2,281.2	2,178.1	2,357.7	
Manufactured goods #.....do	14,008.9	14,005.0	1,179.0	1,189.0	1,228.0	1,259.1	1,187.3	1,141.4	1,317.4	1,469.5	1,419.6	1,450.7	1,506.9	1,370.0	1,450.7	
Machinery and transport equipment, total.....mil. \$	94,278.4	95,289.5	7,347.4	7,785.5	8,678.9	8,107.4	8,049.0	6,903.3	8,438.9	9,521.4	8,996.3	8,959.6	9,078.6	8,745.0	8,253.5	
Machinery, total #.....do	59,488.2	60,396.8	5,118.2	4,920.3	5,377.1	5,157.9	5,238.5	4,430.3	5,228.6	6,008.1	5,510.7	5,762.8	5,853.2	5,516.8	5,648.9	
Transport equipment, total.....do	34,790.2	34,892.7	2,229.2	2,865.2	3,301.8	2,949.5	2,810.4	2,473.0	3,210.3	3,513.3	3,485.6	3,196.9	3,225.2	3,228.2	2,604.6	
Motor vehicles and parts.....do	19,364.0	18,575.0	996.6	1,649.3	1,616.3	1,601.7	1,329.4	1,455.9	1,683.4	1,788.2	1,762.3	1,879.8	2,045.3	1,344.0	1,367.8	
VALUE OF IMPORTS																
General imports, total.....do	345,275.5	366,063.4	29,481.7	30,807.9	32,771.1	32,413.1	29,858.6	27,466.4	32,306.7	33,196.7	31,983.1	33,313.0	35,266.3	35,844.1	34,319.8	
Seasonally adjusted.....do																
By geographic regions:																
Africa.....do	11,964.3	10,348.1	799.8	851.4	820.3	827.7	869.0	574.3	830.7	770.2	875.2	870.2	1,090.6	1,349.4	1,304.3	
Asia.....do	131,884.2	153,869.1	12,914.0	12,076.9	13,198.2	15,640.0	11,060.4	12,008.5	13,495.3	13,475.6	13,385.5	14,129.4	15,197.0	16,054.3	15,785.4	
Australia and Oceania.....do	3,819.3	3,717.0	282.8	281.2	300.5	365.0	322.2	317.4	339.5	305.0	325.6	372.9	390.0	375.7	406.7	
Europe.....do	81,692.1	91,826.0	7,127.5	6,532.8	6,793.7	9,099.8	7,433.8	6,285.1	7,640.6	8,771.7	7,949.5	8,108.1	8,338.2	8,785.4	7,627.3	
Northern North America.....do	69,014.4	68,259.0	5,225.2	5,571.6	5,719.0	6,682.4	4,862.1	5,430.7	5,930.4	5,987.0	5,815.2	5,916.6	6,101.5	5,322.4	5,069.7	
Southern North America.....do	25,969.5	23,465.0	1,756.9	1,851.7	1,728.4	2,055.6	1,861.6	1,531.4	2,376.1	2,245.0	2,107.8	2,300.9	2,416.0	2,267.8	2,167.8	
South America.....do	20,931.6	18,477.2	1,369.4	1,529.7	1,458.0	1,516.4	1,386.2	1,319.0	1,694.1	1,641.9	1,524.4	1,614.9	1,733.0	1,748.8	1,958.1	
By leading countries:																
Africa:																
Egypt.....do	79.2	111.5	5.0	27.0	12.5	11.5	14.2	7.6	7.6	9.0	24.1	27.5	63.5	84.6	64.0	
Republic of South Africa.....do	2,070.8	2,364.5	156.4	216.6	199.8	177.0	251.0	127.2	89.2	115.5	88.1	107.0	103.3	121.3	134.9	
Asia; Australia and Oceania:																
Australia, including New Guinea.....mil. \$	2,870.4	2,676.6	188.0	187.8	222.5	277.4	261.7	238.5	251.5	214.4	222.8	275.8	262.0	267.5	300.0	
Japan.....do	68,782.9	81,911.1	6,694.4	5,884.2	6,995.6	8,392.1	5,882.8	5,900.5	6,824.5	6,804.2	6,832.3	6,933.8	7,382.6	7,340.5	7,242.4	
Europe:																
France.....do	9,481.9	10,128.6	802.4	682.0	730.6	992.8	732.5	663.6	845.2	850.3	839.6	843.5	942.6	1,067.4	871.9	
German Democratic Republic.....do	91.5	86.5	7.0	8.3	6.2	7.6	6.1	4.2	5.7	10.6	5.5	7.8	6.2	7.3		
Federal Republic of Germany.....do	20,239.2	25,123.7	2,064.5	1,827.0	1,944.2	2,575.9	2,107.6	1,793.5	2,088.2	2,582.3	2,341.2	2,353.1	2,331.7	2,244.9	2,109.7	
Italy.....do	9,673.7	10,607.4	989.1	706.5	796.9	1,022.9	796.7	737.8	888.4	956.9	868.1	858.3	950.0	1,111.1	1,000.4	
Union of Soviet Socialist Republics.....do	408.6	558.2	42.1	47.9	25.4	50.5	19.6	29.7	30.8	26.5	29.3	20.5	43.0	40.3		
United Kingdom.....do	14,937.3	15,396.0	1,127.3	1,241.6	1,098.6	1,511.0	1,261.2	1,092.6	1,431.1	1,505.4	1,345.8	1,538.0	1,386.7	1,564.5	1,352.6	
North and South America:																
Canada.....do	69,006.3	68,252.6	5,224.8	5,571.6	5,719.0	6,681.4	4,861.9	5,429.9	5,929.3	5,986.0	5,814.4	5,916.0	6,100.8	5,321.9	5,069.0	
Latin American Republics, total #.....do	43,447.5	39,541.2	2,934.6	3,207.5	3,037.1	3,382.5	3,073.5	2,701.1	3,826.4	3,696.8	3,440.0	3,702.1	3,925.4	3,737.4	3,882.9	
Brazil.....do	7,526.2	6,812.9	530.1	518.6	539.9	513.7	555.4	492.9	555.1	536.6	573.1	531.4	639.6	658.0	777.0	
Mexico.....do	19,131.8	17,301.7	1,249.7	1,381.3	1,311.3	1,525.1	1,382.1	1,155.9	1,827.3	1,712.9	1,601.6	1,764.1	1,833.3	1,653.3	1,630.9	
Venezuela.....do	6,537.0	5,096.7	360.9	466.8	364.8	414.4	353.6	366.7	518.9	425.9	390.6	491.2	490.8	524.4	575.2	
By commodity groups and principal commodities:																
Agricultural products, total.....mil. \$	20,004.5	21,284.4	1,608.8	1,635.7	1,619.9	1,869.2	1,651.6	1,525.8	1,774.2	2,032.4	1,813.5	1,684.4	1,798.0	1,686.7	1,573.5	
Nonagricultural products, total.....do	325,271.0	348,676.9	27,866.7	27,059.6	28,398.1	34,317.6	26,143.6	25,940.6	30,532.5	31,164.3	30,169.6	31,628.7	33,468.4	34,157.4	32,746.3	
Food and live animals #.....do	18,649.3	20,802.5	1,609.4	1,653.3	1,578.4	1,918.0	1,590.1	1,476.8	1,753.1	1,943.8	1,742.4	1,650.5	1,868.4	1,724.9	1,629.3	
Beverages and tobacco.....do	3,726.7	3,866.1	322.0	309.9	356.3	409.8	322.2	346.1	302.0	360.3	320.2	319.9	328.6	338.5	309.0	
Crude materials, inedible, exc. fuels #.....do	10,391.2	10,431.5	865.5	909.8	816.6	806.6	687.3	778.7	891.5	988.9	920.2	964.9	972.5	969.1	962.9	
Mineral fuels, lubricants, etc.....do	53,917.1	37,309.9	2,510.6	2,933.0	2,662.2	3,014.3	2,646.7	2,564.2	3,439.9	3,119.5	2,979.3	3,425.4	3,294.6	4,593.3	4,581.7	
Petroleum and products.....do	49,606.6	34,140.4	2,293.7	2,719.9	2,437.7											

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.

FOREIGN TRADE OF THE UNITED STATES—Continued

FOREIGN TRADE OF THE UNITED STATES—Continued																
Indexes																
Exports (U.S. mdse., excl. military grant-aid):																
Unit value @ 1977=100	155.0	155.4	156.2	157.2	156.9	156.8	157.5	157.3	155.5	157.9	158.2	158.9	157.9	160.0	159.9	
Quantity	113.0	112.6	109.7	109.2	120.6	116.2	114.9	102.7	117.5	131.1	124.8	125.9	126.9	123.1	122.8	
Value	175.2	175.0	171.3	171.6	189.2	182.1	180.9	161.6	182.8	207.0	197.4	200.0	200.4	197.0	196.4	
General imports:																
Unit value @	159.4	154.0	152.0	151.6	156.3	156.5	155.6	157.2	158.4	159.8	161.2	168.5	165.2	168.0	169.7	
Quantity	148.6	164.9	153.7	155.3	158.2	190.4	147.1	143.9	167.9	171.1	163.3	167.7	175.7	175.7	166.6	
Value	236.9	253.9	242.7	236.3	247.2	298.0	228.9	226.2	266.0	278.4	263.4	274.3	290.3	295.2	282.6	
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight	349,964	323,419	27,907	28,376	30,139	29,036	29,715	26,718								
Value	91,679	87,946	7,504	6,850	7,572	7,695	7,794	7,518								
General imports:																
Shipping weight	394,442	450,214	38,870	43,896	35,533	40,210	35,044	41,440								
Value	205,606	217,781	17,961	16,303	17,368	20,962	16,113	21,282								

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION AND COMMUNICATION																
TRANSPORTATION																
Air Carriers																
Certificated route carriers:																
Passenger-miles (revenue)	395.90	'366.28	38.08	28.75	29.50	27.62	30.67	28.66	28.02	35.04						
Passenger-load factor	61.4	'60.4	69.2	57.2	58.0	56.9	58.8	55.6	58.6	65.2						
Ton-miles (revenue), total	41,252	'45,646	4,571	3,623	3,792	3,564	3,866	3,538	3,500	4,337						
Operating revenues (quarterly) #	48,580	49,987		13,365			12,512			12,638						
Passenger revenues	40,941	39,608		10,767			9,775			9,918						
Cargo revenues	2,748	5,623		1,429			1,510			1,447						
Mail revenues	893	833		192			236			211						
Operating expenses (quarterly)	47,207	48,725		12,290			12,084			12,514						
Net income after taxes (quarterly)	583	'-176		542			84			-283						
Domestic operations:																
Passenger-miles (revenue)	270.06	'301.84	30.33	22.92	24.30	22.98	25.61	23.41	23.82	24.64						
Cargo ton-miles	3,132	'3,390	348	336	392	346	328	303	307	358						
Mail ton-miles	1,213	'1,247	98	94	107	102	148	106	100	109						
Operating revenues (quarterly)	37,629	'40,921		10,652			10,327			10,449						
Operating expenses (quarterly)	36,611	'39,833		9,865			9,849			10,367						
Net income after taxes (quarterly)	248	'-17		314			145			-279						
International operations:																
Passenger-miles (revenue)	65.84	64.44	7.74	5.82	5.20	4.63	5.06	5.25	4.21	5.40						
Cargo ton-miles	2,874	3,346	284	286	326	311	271	230	259	330						
Mail ton-miles	443	433	33	32	36	43	52	32	31	35						
Operating revenues (quarterly)	8,302	8,616		2,607			2,106			2,122						
Operating expenses (quarterly)	7,984	8,449		2,259			2,157			2,084						
Net income after taxes (quarterly)	359	-169		229			-72			20						
Urban Transit Systems																
Passengers carried, total *	9,138	9,009	713	747	820	727	758	737	703	789	772	730	751			
Motor Carriers																
Carriers of property, large, class I, qtrly.:																
Number of reporting carriers	100	100		100			100			100			100			
Operating revenues, total	17,349	'18,480		4,728			4,775			4,331			4,673			
Net income, after extraordinary and prior period charges and credits	360	548		176			111			46			105			
Tonnage hauled (revenue), common and contract carrier service	159	166		42			42			42			44			
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common carriers of general freight, seas. adj. 1967=100	136.7	'148.2	153.8	155.7	157.1	156.1	158.7	153.0	159.6	160.4	157.0	158.0	161.6	161.4	164.1	
Class I Railroads †																
Financial operations, quarterly (AAR), excluding Amtrak:																
Operating revenues, total #	27,635	'25,957		6,428			6,466			6,446			6,625			
Freight	26,711	'25,098		6,211			6,244			6,229			6,423			
Passenger, excl. Amtrak	106	110		30			28			28			24			
Operating expenses	25,258	'24,652		5,986			6,778			5,752			5,733			
Net railway operating income	1,724	1,185		384			-279			403			572			
Ordinary income †	1,779	733		341			-36			444			556			
Traffic:																
Revenue ton-miles, qtrly. (AAR)	877.0	874.5		218.3			221.6			226.4			230.5			
Price index for railroad freight 12/84=100	99.9	100.8	101.0	100.8	100.6	100.6	99.6	99.7	99.7	99.7	100.1	100.0	100.2	100.1	100.2	
Travel																
Lodging industry:																
Restaurant sales index, same month 1967=100	213	219	212	217	231	214	229	175	213	236	216	253	243			
Hotels: Average room sale	69.92	'73.61	69.50	75.06	77.08	76.93	74.95	79.55	83.16	92.30	86.54	83.07	79.40			
Rooms occupied, % of total	64	'66	73	66	71	65	53	59	69	76	71	70	69			
Motor hotels: Average room sale	47.71	'48.07	48.91	47.74	46.62	42.24	45.76	46.68	48.29	52.98	47.83	47.98	46.95			
Rooms occupied, % of total	64	'62	72	59	61	55	47	54	64	75	69	64	67			
Economy hotels: Average room sale	30.13	31.13	32.88	31.24	30.32	32.33	29.53	30.76	31.86	33.33	33.24	35.31	32.18			
Rooms occupied, % of total	64	63	80	64	64	56	47	53	59	68	65	67	73			
Foreign travel:																
U.S. citizens: Arrivals (quarterly)	15,252	15,343		4,549			3,448	1,413	1,063	1,896	1,812	1,400				
Departures (quarterly)	14,768	14,357		4,134			3,362	1,133	1,030	1,287	1,294	1,329				
Aliens: Arrivals (quarterly)	3,903	10,265		3,300			2,482	772	675	770	914	917				
Departures (quarterly)	7,725	8,518		2,902			2,106	775	568	701	759	767				
Passports issued	4,955	4,110	313	285	272	274	276	333	385	543	518	477	536	495	372	
National parks, recreation visits #	49,329	52,749	10,022	5,659	4,417	2,168	1,467	1,544	1,494	2,039	3,041	4,975	7,371	9,981	10,030	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TRANSPORTATION AND COMMUNICATION—Continued																
COMMUNICATION																
Telephone carriers: ◊																
Operating revenues #.....mil. \$..	71,685	73,897		18,688	² 6,356	² 5,880	² 6,343									
Station revenues.....do.....	29,817	31,218		7,870	² 2,687	² 2,451	² 2,641									
Tolls, message.....do.....	8,214	8,536		2,200	² 753	² 662	² 775									
Operating expenses (excluding taxes).....do.....	47,085	48,553		12,212	² 4,182	² 3,952	² 4,466									
Net operating income (after taxes).....do.....	12,934	13,140		3,301	² 1,137	² 1,074	² 927									
Access lines.....mil.....			² 108.3		² 109.2	² 109.4										
Telegraph carriers, domestic and overseas: @																
Operating revenues.....mil. \$..	1,367.0			286.8	² 98.6	² 89.9										
Operating expenses.....do.....	1,208.8			275.7	² 93.5	² 88.6										
Net operating revenues (before taxes).....do.....	¹ 84.4			-4.4		² -2.4										

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al ₂ O ₃) † thous. sh. tons..	1,003	1,213	124	110	111	86	96	92	89	92	95	99	103	¹ 109	102	
Chlorine gas (100% Cl ₂) †.....do.....	10,469	10,352	886	877	839	815	923	839	888	909	900	892	880	903	928	
Hydrochloric acid (100% HCl) †.....do.....	2,777	2,929	288	284	218	201	230	242	224	222	233	221	222	² 217	194	
Phosphorus, elemental †.....do.....	359	363	29	28	32	29	29	28	26	32	30	28	28	26	27	
Sodium hydroxide (100% NaOH) †.....do.....	10,959	10,949	933	918	889	865	971	877	904	960	938	944	981	955	981	
Sodium silicate, anhydrous †.....do.....	737	792	62	70	68	48	56	89	92	63	76	83	75	73	85	
Sodium sulfate, anhydrous †.....do.....	1,199	802	61	62	66	65	70	57	64	65	69	65	69	66	70	
Sodium tripolyphosphate (100% Na ₃ P ₃ O ₁₀) †.....do.....	607	617	61	47	50	50	44	48	46	52	49	51	47	47	43	
Titanium dioxide (composite and pure) †.....do.....	814	927	73	79	76	73	83	83	75	78	74	82	88	¹ 76	83	
Sulfur, native (Frasch) and recovered:																
Production.....thous. met. tons..	¹ 10,324	9,862	815	787	785	807	872	855	740	788	754	781	783	¹ 793	799	
Stocks (producers') end of period.....do.....	2,799	2,748	2,987	2,919	2,890	2,779	2,748	2,820	2,805	2,758	2,676	2,675	2,662	2,659	2,622	
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous † thous. sh. tons..	17,319	14,005	1,097	1,109	1,162	1,100	1,218	1,333	1,214	1,398	1,375	1,367	1,267	1,225	1,187	
Ammonium nitrate, original solution †.....do.....	6,776	5,556	377	422	456	426	423	485	483	572	577	530	454	420	342	
Ammonium sulfate †.....do.....	2,098	2,085	157	173	172	171	181	182	186	183	183	193	159	187	182	
Nitric acid (100% HNO ₃) †.....do.....	7,364	6,562	452	492	522	504	513	579	536	654	636	594	554	507	443	
Nitrogen solutions (100% N) †.....do.....	2,780	2,608	185	193	171	177	198	245	251	250	285	285	201	218	175	
Phosphoric acid (100% P ₂ O ₅) †.....do.....	10,513	9,206	706	820	906	818	855	794	789	901	951	847	780	809	924	
Sulfuric acid (100% H ₂ SO ₄) †.....do.....	39,651	36,822	2,877	3,253	3,461	3,130	3,374	3,040	2,896	3,406	3,481	3,278	3,048	3,192	3,413	
Superphosphate and other phosphatic fertilizers (gross weight):																
Production.....thous. sh. tons..	15,475	12,710	1,084	1,207	1,290	1,107	1,189	1,204	1,183	1,328	1,415	1,294	1,140	1,198	1,379	
Stocks, end of period.....do.....	1,129	775	648	509	660	815	775	671	511	401	420	632	552	616	593	
Potash, sales (K ₂ O).....do.....	5,964	5,521	358	548	299	326	549	752	473	571	768	486	592	226	440	
Imports:																
Ammonium nitrate.....do.....	561	561	28	28	25	28	64	29	54	55	46	24	20	15	10	
Ammonium sulfate.....do.....	403	291	29	8	12	25	17	39	35	39	36	27	25	13	8	
Potassium chloride.....do.....	8,233	7,536	552	717	409	607	526	591	714	742	895	443	458	473	416	
Sodium nitrate.....do.....	142	118	12	3	0	8	4	2	15	24	7	16	3	7	13	
Industrial Gases †																
Production:																
Acetylene.....mil. cu. ft..	5,051	4,726	433	427	462	465	473	478	478	485	473	477	409	407		
Hydrogen (high and low purity).....do.....	121,345	122,629	9,934	10,541	10,028	10,065	11,822	11,293	11,339	11,632	12,091	11,769	12,563	12,564		
Nitrogen (high and low purity).....do.....	665,190	671,183	56,902	55,408	57,305	55,626	55,995	55,389	51,785	58,425	55,996	57,565	57,519	57,540		
Oxygen (high and low purity).....do.....	392,554	399,347	32,943	33,078	32,627	32,590	33,847	34,756	30,511	34,924	33,889	34,726	33,497	35,274		
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin).....mil. lb..	¹ 28.2	27.1		6.7			7.5			7.6			5.5			
Ethyl acetate †.....do.....	¹ 192.0	¹ 198.5		51.2			44.7			45.8			54.7			
Formaldehyde (37% HCHO).....do.....	¹ 5,606.1	¹ 5,860.9		1,395.3			1,467.1			1,341.5			1,613.5			
Glycerin, refined, all grades.....do.....	321.1	295.0	25.1	18.8	23.9	24.9	22.8	23.6	23.8	25.1	20.9	16.9	24.6	¹ 21.5	23.9	
Methanol, synthetic.....mil. gal..	¹ 753.5	¹ 1,102.8		284.1			284.8			237.3			284.9			
Phthalic anhydride.....mil. lb..	¹ 820.2	¹ 864.2		224.2			208.3			257.8			272.6			
ALCOHOL																
Ethyl alcohol and spirits:																
Production.....mil. tax gal..	681.0	¹ 644.9	50.2	56.7	62.2	54.2	60.8	62.2	54.9	55.8	60.2	62.0				
Stocks, end of period.....do.....	46.9	47.5	36.8	35.8	47.6	45.7	47.5	48.9	49.9	41.2	45.4	48.8				
Denatured alcohol:																
Production.....mil. wine gal..	512.2	¹ 408.3	30.5	31.1	37.4	28.8	33.5	31.2	29.7	34.4	35.9	36.8				
Consumption (withdrawals).....do.....	513.8	¹ 444.3	35.6	37.4	35.0	38.1	34.1	34.9	33.6	44.8	38.7	37.4				
For fuel use.....do.....	222.9	¹ 226.4	17.7	19.4	14.6	22.2	15.4	14.2	15.0	25.3	17.0	15.1				
Stocks, end of period.....do.....	26.5	23.8	23.0	20.0	23.6	26.9	23.8	16.8	20.9	10.2	8.0	10.6				

See footnotes at end of tables.

Units	Annual		1986						1987							
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS, 1984															

CHEMICALS AND ALLIED PRODUCTS—Continued

PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....mil. lb.	'1,713.8	'1,519.6		364.1				393.5			(2)					
Polyethylene and copolymers.....do	'15,318.1	'16,217.6		4,129.7				4,153.5		4,275.7			4,223.1			
Polypropylene.....do	'5,654.4	'5,834.6		1,466.2				1,481.4		1,555.1			1,576.0			
Polystyrene and copolymers.....do	'7,229.0	'5,794.3		1,470.6				1,437.5		(2)						
Polyvinyl chloride and copolymers.....do	'6,667.9	7,499.1		1,883.5				1,927.5		1,909.1			1,990.9			
PAINTS, VARNISH, AND LACQUER ◊																
Total shipments.....mil. \$.	9,174.8	9,679.1	860.8	858.0	880.4	661.7	628.4	724.6	784.7	883.1	938.8	952.2	969.5	932.7		
Architectural coatings.....do	3,825.3	4,121.1	392.8	360.6	340.2	257.4	235.0	274.1	304.9	370.2	407.0	417.2	442.3	421.6		
Product coatings (OEM).....do	3,383.5	3,565.9	286.9	322.0	370.3	270.4	266.0	310.7	328.8	342.9	345.7	343.8	338.7	315.3		
Special purpose coatings.....do	1,966.1	1,992.1	181.0	175.4	169.9	133.9	127.4	139.9	151.0	169.9	186.1	191.2	188.1	195.8		

ELECTRIC POWER AND GAS

ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw.-hr.	2,469,841	2,487,310	225,166	206,692	197,754	196,432	213,551	222,736	194,019	201,837	189,499	205,986	225,483	247,461		
By fuels.....do	2,188,686	2,196,465	203,977	185,579	176,419	173,278	187,586	197,323	172,803	178,600	167,470	181,765	204,675	227,268		
By waterpower.....do	281,149	290,844	21,189	21,114	21,335	23,153	25,965	25,409	21,216	23,236	22,029	24,221	20,808	20,193		
Sales to ultimate customers, total (Edison Electric Institute) †.....mil. kw.-hr.																
Commercial \$.....do	2,315,006	'2,361,423		639,734			576,255			600,394			578,038			
Industrial \$.....do	608,490	'632,511		175,794			154,585			155,535			158,908			
Railways and railroads.....do	821,990	'817,531		209,627			204,129			199,187			211,040			
Residential or domestic.....do	4,697	'4,730		1,145			1,212			1,278			1,122			
Street and highway lighting.....do	797,010	'822,423		230,346			195,458			224,419			187,006			
Other public authorities.....do	13,954	'14,387		3,471			3,875			3,607			3,482			
Interdepartmental.....do	63,122	'63,453		16,662			15,621			15,207			15,275			
Revenue from sales to ultimate customers (Edison Electric Institute) †.....mil. \$.	149,836	'153,146		43,212			36,270			37,206			36,758			
GAS †																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total @.....thous.	50,158	51,010		50,405			51,010			51,933						
Residential.....do	46,099	46,863		46,348			46,863			47,651						
Commercial.....do	3,884	3,922		3,834			3,834			4,054						
Industrial @.....do	178	177		175			177			179						
Other.....do	47	47		47			47			48						
Sales to customers, total.....tril. Btu.	12,616	10,815		1,621			2,803			3,806						
Residential.....do	4,513	4,416		885			1,231			2,003						
Commercial.....do	2,338	2,240		252			616			908						
Industrial.....do	3,686	2,639		534			606			610						
Electric generation *.....do	1,949	1,340		432			312			235						
Other.....do	130	130		17			38			49						
Revenue from sales to customers, total.....mil. \$.	63,293	50,286		6,857			12,669			17,418						
Residential.....do	26,864	24,874		2,563			6,661			10,215						
Commercial.....do	12,723	11,275		1,258			2,927			4,226						
Industrial.....do	15,659	9,977		1,814			2,137			2,134						
Electric generation *.....do	7,428	3,621		1,164			798			648						
Other.....do	620	540		58			147			196						

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	193.31	196.50	17.06	15.26	15.62	13.53	13.97	15.60	15.63	17.66	17.42	17.44	18.58	18.09		
Taxable withdrawals.....do	175.13	'178.19	15.78	14.02	14.64	12.48	12.84	13.61	13.74	15.31	15.31	16.14	16.62	17.04		
Stocks, end of period.....do	13.07	13.42	14.41	14.06	13.75	13.40	13.42	14.07	14.67	15.44	15.47	15.44	15.42	14.74		
Distilled spirits (total):																
Production.....mil. tax gal.	96.78	85.69	4.49	5.23	7.48	7.98	6.86	6.22	6.31	7.79	7.68	6.82	5.86			
Consumption, apparent, for beverage purposes #.....mil. wine gal.	416.07	392.50	30.94	31.92	33.73	36.47	47.00	*28.13	27.35	*31.31	*30.14	30.27	33.40			
Stocks, end of period.....mil. tax gal.	530.46	500.75	516.00	510.51	503.84	501.29	500.75	496.43	494.72	492.99	492.69	488.01	512.03			
Imports.....mil. proof gal.	115.78	103.59	8.09	8.20	10.40	14.15	8.67	8.42	13.07	7.69	7.45	8.05	7.74	7.40	8.50	
Whisky:																
Production.....mil. tax gal.	60.17	50.44	1.95	2.18	3.95	3.61	3.66	3.28	3.90	4.73	4.90	3.89	3.42			
Stocks, end of period.....do	460.53	433.63	450.37	444.63	440.14	435.43	433.63	427.09	430.41	427.34	428.01	424.31	419.91			
Imports.....mil. proof gal.	79.68	67.68	5.03	5.74	7.10	9.56	5.08	3.92	10.33	5.60	5.23	5.40	4.32	4.50	5.84	
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	32.19	30.57	3.01	3.01	4.22	2.85	2.67	1.84	2.77	2.01	1.12	1.60	1.74			
Taxable withdrawals.....do	30.36	30.10	2.14	2.07	4.66	4.72	3.89	1.32	1.28	1.78	2.00	3.29	2.36			
Stocks, end of period.....do	14.69	15.96	13.56	17.16	13.73	15.90	15.96	16.62	17.36	17.01	16.91	16.14	16.13			
Imports.....do	15.76	14.30	1.10	.97	1.34	2.49	1.56	.46	.80	1.13	1.11	1.04	.81	.88	.96	
Still wines:																
Production.....do	454.54	481.90	97.65	185.41	109.43	30.03	24.40	6.71	5.21	5.02	5.82	4.51	5.13			
Taxable withdrawals.....do	413.00	460.25	51.36	32.37	38.20	34.30	33.61	31.52	33.42	44.29	43.15	41.68	40.34			
Stocks, end of period.....do	594.60	598.43	459.06	601.25	614.81	626.53	598.43	587.20	608.79	525.26	545.88	468.33	453.85			
Imports.....do	121.00	90.31	6.36	6.38	8.18	8.95	6.67	5.96	5.76	7.62	8.13	7.22	6.89	7.37	6.03	
Distilling materials produced at wineries.....do																
	153.98	143.17	22.77	29.96	27.18	10.12	8.19	8.33	11.09	3.01	6.42	3.32	3.53			

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS																
Butter:																
Production (factory)..... mil. lb.	1,247.8	1,202.4	69.9	80.2	85.3	80.3	101.3	109.2	97.8	107.6	104.2	101.7	83.1	76.2	67.6	
Stocks, cold storage, end of period..... do	205.5	193.0	304.4	279.6	253.3	218.5	193.0	206.6	231.6	254.0	247.5	250.2	237.9	211.2	187.3	175.0
Producer Price Index..... 1967=100	217.1	223.0	234.9	234.8	236.0	235.3	234.9	210.3	210.3	212.3	212.8	214.3	216.9	228.1	227.6	227.5
Cheese:																
Production (factory), total..... mil. lb.	5,080.9	5,209.2	421.7	410.1	410.2	401.0	439.4	413.6	400.9	455.9	458.3	484.7	463.8	458.1	423.5	
American, whole milk..... do	2,855.2	2,798.2	219.2	198.2	196.4	194.1	217.7	219.5	211.2	238.7	246.0	264.3	246.1	240.6	208.5	
Stocks, cold storage, end of period..... do	852.9	698.6	916.2	859.0	805.0	757.0	693.6	680.8	652.9	645.9	645.7	670.1	659.1	644.9	606.1	582.0
American, whole milk..... do	758.8	601.7	816.0	759.9	711.2	665.5	601.7	587.2	564.8	556.5	554.0	573.0	564.7	549.7	509.4	485.6
Imports..... do	302.5	311.4	23.1	25.8	30.7	33.2	31.3	14.4	15.5	21.4	15.6	16.4	18.4	27.8	24.9	
Price, wholesale, cheddar, single daisies (Chicago)..... \$ per lb.	1.620	1.575	1.596	1.597	1.599	1.599	1.599	(*)								
Condensed and evaporated milk:																
Production, case goods..... mil. lb.	635.3	584.4	50.9	45.2	48.6	45.7	47.3	39.8	41.1	47.2	50.1	56.3	52.9	50.0	46.1	
Stocks, manufacturers', case goods, end of period..... do	62.3	45.0	111.8	105.1	87.8	62.1	45.0	49.9	53.3	55.0	58.8	69.9	84.2	93.9	100.9	
Exports..... do	11.6	10.8	.5	.5	.5	.6	.6	.2	.4	.5	.4	.4	1.1	.4	.3	
Fluid milk:																
Production on farms..... do	¹² 143,147	¹² 122,185	10,169	9,662	9,732	9,400	9,717	9,932	9,279	10,376	10,378	10,957	10,491	10,433	10,270	9,887
Utilization in manufactured dairy products..... do	82,951	82,606	6,556	6,252	6,143	5,694	6,416	6,468	6,304	7,179	7,291	7,696	7,395	7,219	6,518	
Price, wholesale, U.S. average..... \$ per 100 lb.	12.75	12.50	12.30	12.80	13.20	13.40	13.40	13.30	12.90	12.50	12.30	12.00	11.90	12.00	12.30	12.60
Dry milk:																
Production:																
Dry whole milk..... mil. lb.	118.9	122.4	11.2	10.1	9.9	11.4	9.1	11.3	12.6	11.3	9.4	11.1	12.4	11.3	12.0	
Nonfat dry milk (human food)..... do	1,390.0	1,284.1	90.4	74.3	68.8	66.7	89.4	82.1	80.3	87.8	101.4	118.6	104.8	98.6	80.0	
Stocks, manufacturers', end of period:																
Dry whole milk..... do	6.5	6.7	6.8	6.6	4.3	5.6	6.7	6.5	8.0	7.4	9.2	6.6	8.2	7.3	6.3	
Nonfat dry milk (human food)..... do	78.2	57.9	65.1	52.1	39.9	43.7	57.9	55.3	66.5	60.5	65.3	86.8	83.4	71.3	65.4	
Exports, whole and nonfat (human food)..... do	276.1	482.4	77.1	45.6	57.9	52.0	39.5	20.4	24.3	47.9	26.4	35.4	27.0	66.1	58.0	
Price, manufacturers' average selling, nonfat dry milk (human food)..... \$ per lb.	.849	.810	.808	.808	.810	.816	.814	.802	.794	.794	.792	.794	.795	.793	.791	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat)..... mil. bu.	2,695.0	2,083.9	182.9	195.5	230.6	190.3	179.9	177.4	181.8	229.7	272.6	250.7	245.5	304.7	237.8	
Barley:																
Production (crop estimate)..... do	² 591.4	² 610.5														¹¹ 518.1
Stocks (domestic), end of period, total..... do	530.9	³ 324.3										¹² 335.6				
On farms..... do	365.6	⁴ 199.3										¹³ 193.9				
Off farms..... do	165.4	⁴ 125.6										¹³ 141.7				
Exports, including malt \$..... do	34.8	75.9	12.5	12.8	16.6	14.4	14.7	1.3	16.5	18.2	17.2	10.7	.7	7.7	9.3	
Producer Price Index, No. 2 feed, Minneapolis..... 1967=100	150.1	121.3	98.4	101.9	123.2	141.8	118.9	118.5	118.2	118.5	150.3	163.1	144.4	140.1	129.1	146.9
Corn:																
Production (crop estimate, grain only)..... mil. bu.	² 8,876.7	² 8,252.8														¹¹ 7,139.3
Stocks (domestic), end of period, total..... do	7,894.8	⁷ 10,304.1	⁴ 4,039.5			10,304.1			8,248.2			¹² 6,332.2				¹² 4,882.0
On farms..... do	5,528.6	⁶ 7,795.5	² 2,049.4			6,795.5			5,024.0			¹³ 3,491.8				¹² 2,284.5
Off farms..... do	2,366.2	³ 3,508.6	¹ 1,990.1			3,508.6			3,224.2			¹² 2,840.4				¹² 2,597.5
Exports, including meal and flour..... do	1,731.6	1,064.7	50.0	80.3	124.1	114.3	109.9	104.4	98.9	141.6	183.5	169.2	119.9	133.7	111.3	
Producer Price Index, No. 2, Chicago..... 1967=100	204.8	161.6	133.6	116.8	112.2	126.6	132.8	120.0	118.5	119.7	131.6	146.8	144.1	129.9	114.9	125.5
Oats:																
Production (crop estimate)..... mil. bu.	² 520.8	² 386.4														¹¹ 369.2
Stocks (domestic), end of period, total..... do	379.6	⁴ 183.7										¹³ 132.7				
On farms..... do	311.2	⁴ 147.2										¹³ 103.3				
Off farms..... do	68.4	⁴ 36.5										¹³ 29.4				
Exports, including oatmeal..... do	1.7	3.9	.4	.4	.5	.2	.4	.1	.2	.3	.2	.2	.2	.1	.2	
Producer Price Index, No. 2, Minneapolis..... 1967=100	216.8	188.6	158.1	179.6	199.0	247.9	238.5	237.1	235.7	235.7	222.7	272.3	241.4	231.3	244.3	269.4
Rice:																
Production (crop estimate)..... mil. bags #	² 134.9	² 134.4														¹¹ 126.8
Southern States mills (Ark., La., Tenn., Tex.):																
Receipts, rough, from producers..... mil. lb.	9,230	10,242	1,166	3,524	1,200	785	990	230	551	438	462	362	418	271		
Shipments from mills, milled rice..... do	5,659	6,556	632	689	616	616	645	603	583	580	681	591	651	634		
Stocks, domestic, rough and cleaned (cleaned basis), end of period..... mil. lb.	2,751	3,046	1,180	2,819	3,034	2,975	3,046	2,737	2,556	2,302	1,983	1,748	1,574	1,330		
Exports..... do	4,101	5,111	778	835	565	446	323	343	411	365	399	560	254	582	474	
Producer Price Index, medium grain, milled..... 1967=100	206.3	178.4	170.3	164.4	159.2	155.9	155.8	154.3	148.5	148.1	147.7	149.8	149.4	148.9	151.1	158.3
Rye:																
Production (crop estimate)..... mil. bu.	² 20.6	² 19.5														¹¹ 19.1
Producer Price Index, No. 2, Minneapolis..... 1967=100	¹ 196.9	167.2	128.9	137.5	139.6	146.1	171.8	169.7	169.2	167.5	148.2	180.4	150.4	150.4	143.9	150.4
Wheat:																
Production (crop estimate), total..... mil. bu.	² 2,425	² 2,092														¹² 2,105
Spring wheat..... do	² 598	² 570														¹² 544
Winter wheat..... do	² 1,828	² 1,522														¹² 1,561
Distribution, quarterly @..... do	2,132	2,073	842			⁶ 487			⁴ 428			442				
Stocks (domestic), end of period, total..... do	2,526.2	² 2,671.5	3,154.6			2,671.5			2,249.3			¹⁴ 1,820.9				2,958.0
On farms..... do	1,011.2	² 1,063.0	1,293.0			1,063.0			794.0			¹⁴ 560.0				1,145.0
Off farms..... do	1,515.0	² 1,608.5	1,861.6			1,608.5			1,455.3			¹⁴ 1,260.9				1,813.0
Exports, total, including flour..... do	926.8	939.0	119.9	102.0	89.5	61.2	54.8	71.6	66.0	69.5	71.8	70.6	124.6	163.2	117.0	
Wheat only..... do	893.1	883.7	113.4	97.8	83.5	59.1	49.6	65.0	62.5	63.9	65.1	63.9	119.4	157.0	112.5	

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Continued																
Wheat—Continued																
Producer Price Indexes:																
Hard red winter, No. 1, ord. protein (K.C.) 1967=100..	204.6	176.9	149.2	151.0	157.6	158.8	163.9	161.5	166.1	173.9	173.2	193.6	161.5	156.7	155.4	170.2
Hard red spring, No. 1, ord. protein (Minn.) 1967=100..	186.4	160.5	135.8	147.9	148.7	156.0	154.5	155.3	151.2	144.0	142.6	155.7	147.3	145.5	142.6	154.8
Wheat flour:																
Production.....thous. sacks (100 lb.)..	313,815	341,166	30,212	30,409	31,807	30,251	29,510	28,055	27,970	28,992	27,457	29,968	29,753	*28,236	29,526	
Flour.....thous. sh. tons..	5,556	6,011	534	541	569	546	532	503	506	512	507	534	532	*508	522	
Millfeed.....thous. sh. tons..	700,151	758,468	67,284	67,817	71,113	67,714	65,944	61,667	61,581	63,819	63,513	67,648	66,875	*63,883	66,170	
Grindings of wheat.....thous. bu..	4,847	5,228		5,101			5,228			5,738			6,176			
Stocks held by mills, end of period.....thous. sacks (100 lb.)..	14,454	23,741	2,791	1,824	2,541	941	2,240	2,800	1,508	2,417	2,852	2,856	2,233	2,633	1,902	
Exports.....do.....	96.6	91.4	87.0	85.4	86.9	86.8	86.9	87.0	89.1	89.2	89.8	*93.5	89.0	88.1	88.0	90.2
Producer Price Index.....6/83=100..																
POULTRY AND EGGS																
Poultry:																
Slaughter.....mil. lb..	16,972	18,037	1,528	1,629	1,677	1,400	1,553	1,545	1,418	1,595	1,592	1,589	1,772	*1,751	1,638	
Stocks, cold storage (frozen), end of period, total.....mil. lb..	324	369	629	689	716	423	369	389	409	427	457	516	592	*676	745	836
Turkeys.....do.....	150	178	449	512	543	249	178	198	211	227	251	301	381	*473	560	641
Price, in Georgia producing area, live broilers.....\$ per lb..	.280	.325	.425	.340	.370	.330	.295	.295	.275	.270	.270	.280	.250	.255	.290	.270
Eggs:																
Production on farms.....mil. cases \$..	190.0	190.3	15.9	15.4	16.1	15.9	16.6	16.4	14.9	16.8	16.1	*13.5	*12.9	*13.3	*13.3	*13.1
Stocks, cold storage, end of period:																
Shell.....thous. cases \$..	24	22	33	29	20	29	22	20	25	32	28	38	32	34	32	32
Frozen.....mil. lb..	13	13	15	14	14	13	13	14	13	14	15	18	17	17	17	17
Price, wholesale, large (delivered; Chicago) \$ per doz..	.634	.681	.700	.694	.663	.741	.728	.644	.620	.592	.590	.518	.556	.554	.587	.648
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals..	3,168	3,195	262	263	276	238	272	248	225	251	215	189	214	220	202	229
Cattle.....do.....	34,765	35,913	3,101	3,019	3,164	2,693	2,944	3,084	2,564	2,805	2,875	2,780	2,945	3,009	2,972	2,977
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb..	58.37	57.74	59.04	59.43	59.73	61.54	59.82	58.79	61.02	61.58	66.30	70.66	68.83	65.80	64.50	64.81
Steers, stocker and feeder (Kansas City).....do.....	62.08	60.38	62.20	61.51	61.94	62.77	62.83	65.75	69.01	68.47	70.56	70.53	70.21	71.22	75.31	77.10
Calves, vealers (So. St. Paul).....do.....	58.28	59.92	62.50	67.50	67.50	67.50	67.50	65.94	68.28	70.00	75.00	90.00	90.63	77.50	79.22	80.25
Hogs:																
Slaughter (federally inspected).....thous. animals..	81,974	77,290	5,799	6,323	7,083	6,064	6,558	6,723	5,886	6,786	6,492	5,916	5,987	6,019	6,018	6,855
Prices:																
Wholesale, average, all weights (Sioux City) \$ per 100 lb..	44.98	50.73	63.66	59.59	54.86	54.44	52.02	47.56	49.08	48.67	52.10	55.79	61.37	62.69	60.56	55.19
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	17.6	26.1	35.9	40.2	37.9	35.9	33.7	32.1	33.9	32.2	33.4	32.8	35.7	37.3	*39.9	35.3
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals..	5,976	5,464	426	495	495	401	442	418	390	432	477	363	407	411	400	459
Price, wholesale, lambs, average (Omaha) \$ per 100 lb..	68.41	67.54	66.16	62.45	57.23	65.17	72.70	77.25	74.62	82.50	85.50	89.94	85.42	74.02	70.86	67.14
MEATS																
Total meats (excluding lard):																
Production.....mil. lb..	39,131	39,050	3,180	3,259	3,506	2,986	3,261	3,410	2,877	3,198	3,160	2,975	3,102	3,157	3,133	3,333
Stocks, cold storage, end of period.....do.....	607	564	572	541	572	564	564	598	599	595	591	559	498	*516	495	519
Exports (meats and meat preparations).....do.....	1,461	1,722	147	159	188	170	171	151	133	151	157	176	167	177	178	
Imports (meats and meat preparations).....do.....	2,511	2,544	232	232	223	237	168	211	218	236	240	222	268	277	244	
Beef and veal:																
Production, total.....do.....	24,055	24,722	2,117	2,093	2,190	1,845	2,012	2,141	1,783	1,945	1,962	1,883	1,993	2,051	2,035	2,077
Stocks, cold storage, end of period.....do.....	329	318	327	299	301	304	318	327	313	317	318	285	257	*233	273	288
Exports.....do.....	660	884	80	87	107	82	80	76	64	69	66	69	69	76	71	
Imports.....do.....	1,449	1,505	148	143	127	136	87	118	131	140	143	132	168	178	149	
Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb..	.913	.890	.910	.905	.918	.957	.920	.897	.917	.929	1.009	1.078	1.057	.993	.954	.969
Lamb and mutton:																
Production, total.....mil. lb..	350	330	25	30	30	24	28	25	24	27	29	22	24	25	24	28
Stocks, cold storage, end of period.....do.....	13	13	15	14	15	14	13	12	14	14	13	13	11	*9	8	7
Pork (excluding lard):																
Production, total.....do.....	14,726	13,998	1,037	1,137	1,285	1,117	1,221	1,244	1,070	1,226	1,169	1,070	1,086	1,082	1,074	1,228
Stocks, cold storage, end of period.....do.....	229	197	185	186	216	206	197	218	229	221	218	219	189	*181	175	185
Exports.....do.....	192	133	7	8	11	13	13	10	9	12	11	14	10	9	10	
Imports.....do.....	984	928	77	80	87	91	74	85	77	86	86	78	89	87	84	
Prices:																
Producer Price Index, Hams, smoked 1967=100..	284.5	312.5	336.4	346.4	368.2	376.5	372.1	309.7	295.2	292.8	301.2	*304.3	302.9	313.1	312.5	329.4
Fresh loins, 8-14 lb. average, wholesale (N.Y.).....\$ per lb..	1.136	1.285	1.504	1.440	1.305	1.216	1.251	1.191	1.241	1.132	1.228	1.363	1.460	1.395	1.429	1.413
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans, imports (including shells).....thous. lg. tons..																
	266.1	201.5	22.5	11.8	7.8	14.9	17.2	26.1	28.0	22.8	30.5	20.6	10.2	10.6	14.0	
Coffee:																
Imports, total.....thous. bags (50 lb.)..	18,698	19,483	1,513	1,641	1,535	1,449	1,192	1,092	1,218	1,841	1,789	1,883	2,181	1,717	1,481	
From Brazil.....do.....	4,148	2,200	84	60	239	91	156	177	118	236	346	400	363	345	275	
U.S. Import Price Index *.....6/77=100..	59.1	77.8		77.5			62.2			49.2			46.6			45.1
Fish:																
Stocks, cold storage, end of period.....mil. lb..	362	340	332	347	349	350	340	323	296	289	279	281	320	*354	*394	*419

See footnotes at end of tables.

Units	Annual		1986						1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
	Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984																
FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.																	
MISCELLANEOUS FOOD PRODUCTS—Cont.																	
Sugar:																	
Exports, raw and refined.....sh. tons..	375,782	454,394	60,083	57,027	35,292	45,016	44,423	83,683	49,937	62,915	85,425	87,312	34,371	52,906	27,609		
Imports, raw and refined.....thous. sh. tons..	2,423	1,913	115	158	127	208	123	33	129	140	146	116	74	167	65		
Producer Price Indexes:																	
Raw (cane).....1967=100..	291.3	292.2	292.9	293.2	296.9	299.0	294.5	299.7	304.8	305.8	307.0	308.1	309.0	310.8	309.5	308.9	
Refined.....12/77=100..	165.6	166.4	166.6	167.5	168.4	168.5	169.4	168.6	169.5	169.3	171.5	171.2	171.9	172.7	172.1	172.6	
Tea, imports.....thous. lb.	174,617	197,963	14,626	18,110	14,864	14,965	14,086	15,206	14,495	19,830	14,634	16,835	12,421	12,838	13,538		
TOBACCO																	
Leaf:																	
Production (crop estimate).....mil. lb.	1,512	1,163														1,234	
Stocks, dealers' and manufacturers', end of period.....do..	5,293	4,979		4,898				4,979		4,775			4,436				
Exports, incl. scrap and stems.....thous. lb.	538,648	466,630	23,684	22,144	32,926	66,347	106,080	59,598	25,388	43,120	41,399	32,270	20,732	19,408	15,658		
Imports, incl. scrap and stems.....do..	430,273	457,658	45,716	39,498	44,280	41,906	26,287	31,635	50,885	45,474	24,732	50,250	38,027	53,679	47,834		
Manufactured products:																	
Consumption (withdrawals):																	
Cigarettes (small):																	
Tax-exempt.....millions..	66,491	74,301	6,096	8,779	7,555	5,646	6,069	6,440	6,952	8,467	8,077	8,728	11,608	9,547			
Taxable.....do..	594,922	533,020	51,401	50,808	51,965	49,220	48,793	38,100	42,666	52,980	42,212	50,996	61,753	37,894			
Cigars (large), taxable.....do..	2,916	2,905	242	261	258	210	250	217	206	226	204	225	281	181			
Exports, cigarettes.....do..	58,968	63,945	5,485	5,329	6,413	6,623	5,041	5,021	6,663	7,466	7,169	8,736	9,026	8,965	9,835		

LEATHER AND PRODUCTS																
LEATHER																
Exports:																
Upper and lining leather.....thous. sq. ft.	131,505	160,888	16,769	11,502	13,043	14,003	15,581	12,172	15,625	19,865	18,874	18,818	19,585	15,455	15,015	
Producer Price Index, leather.....1967=100..	353.1	382.6	391.8	388.4	382.2	386.8	397.9	399.0	402.8	410.7	428.2	437.4	444.2	441.8	436.5	440.3
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs..	265,098	241,388	20,864	19,754	21,465	18,408	16,607	17,337	18,351	19,376	18,959	18,385	20,025	16,445		
Shoes, sandals, and play shoes, except athletic.....thous. pairs..	199,630	176,111	15,657	14,322	15,618	13,449	13,223	14,510	15,348	15,674	15,456	14,848	14,929	12,639		
Slippers.....do..	54,649	55,927	4,233	4,569	4,918	4,136	2,555	2,338	2,488	3,182	2,932	2,989	4,480	3,319		
Athletic.....do..	10,819	9,350	974	863	929	823	829	488	515	520	571	548	616	487		
Other footwear.....do..	2,732	2,971	231	256	333	264	244	442	473	378	458	485	322	215		
Exports.....do..	9,205	10,277	732	930	1,057	848	785	1,078	1,214	1,264	1,114	1,043	1,471	2,231	2,328	
Producer Price Indexes:																
Men's leather upper, dress and casual																
12/80=100..	109.7	112.8	112.8	113.6	113.7	113.8	114.0	114.6	114.7	115.2	115.2	115.2	115.3	117.5	119.1	119.3
Women's leather upper.....1967=100..																
12/80=100..	223.5	225.0	222.9	223.0	226.7	226.1	227.3	227.6	228.0	229.5	230.2	230.2	230.0	231.0	231.6	235.1
Women's plastic upper.....12/80=100..																
104.0	104.4	104.0	104.5	104.5	104.6	104.6	104.5	104.5	100.2	104.5	102.9	104.8	93.0	102.1	103.7	103.7

LUMBER AND PRODUCTS																
LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total.....mil. bd. ft.	37,352	41,680	3,441	3,397	3,820	3,496	3,623	3,293	3,307	3,742	3,616	3,518	3,905	3,662		
Hardwoods.....do..	6,031	6,955	486	538	660	798	888	396	384	393	449	430	461	470		
Softwoods.....do..	31,321	34,725	2,955	2,859	3,160	2,698	2,735	2,897	2,923	3,349	3,167	3,088	3,444	3,192		
Shipments, total.....do..	37,023	41,615	3,344	3,291	3,689	3,480	3,791	3,350	3,302	3,735	3,686	3,656	4,039	3,671		
Hardwoods.....do..	5,873	7,165	502	550	685	845	1,056	449	453	480	499	471	492	480		
Softwoods.....do..	31,150	34,450	2,842	2,741	3,004	2,635	2,735	2,901	2,849	3,255	3,187	3,185	3,547	3,191		
Stocks (gross), mill, end of period, total.....do..																
6,484	6,549	6,484	6,590	6,653	6,715	6,549	6,495	6,625	6,607	6,554	6,432	6,233	6,237			
Hardwoods.....do..																
1,719	1,509	1,762	1,750	1,724	1,677	1,509	1,456	1,513	1,404	1,373	1,335	1,306	1,309			
Softwoods.....do..																
4,765	5,040	4,722	4,840	4,929	5,038	5,040	5,039	5,112	5,203	5,181	5,097	4,927	4,928			
Exports, total sawmill products.....do..																
Imports, total sawmill products.....do..	14,178	14,607	1,272	1,334	1,012	803	766	1,078	1,222	1,329	1,293	1,332	1,333	1,329	1,182	
SOFTWOODS																
Douglas fir:																
Orders, new.....mil. bd. ft.	8,044	9,570	796	857	899	733	847	897	824	1,032	843	966	976	804	896	
Orders, unfilled, end of period.....do..	528	668	577	595	646	649	668	741	732	783	728	753	704	695	746	
Production.....do..	8,062	9,412	782	912	884	756	793	825	861	1,009	892	883	964	824	835	
Shipments.....do..	8,077	9,430	736	839	843	730	828	824	833	981	898	941	1,025	813	845	
Stocks (gross), mill, end of period.....do..	899	881	781	854	890	916	881	882	910	938	932	874	813	824	814	
Exports, total sawmill products.....do..	486	522	42	36	48	47	48	57	56	56	61	56	55	58	57	
Sawed timber.....do..	127	105	7	7	11	9	7	16	13	10	14	9	21	8	9	
Boards, planks, scantlings, etc.....do..	358	417	34	29	37	38	41	42	43	46	47	47	34	45	48	
Producer Price Index, Douglas fir, dressed 1967=100..	336.6	331.5	339.3	345.4	333.5	329.4	317.6	314.6	326.4	325.9	326.6	322.9	323.3	330.7	339.7	367.8

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
LUMBER AND PRODUCTS—Continued																
SOFTWOODS—Continued																
Southern pine:																
Orders, new.....mil. bd. ft.	'10,763	'11,523	790	703	1,085	778	765	1,082	957	977	1,092	1,116	1,156	857		
Orders, unfilled, end of period.....do	680	710	634	657	732	721	710	808	849	828	806	936	1,005	792		
Production.....do	'10,790	'11,605	919	676	1,014	846	833	966	912	1,008	1,092	988	1,071	1,086		
Shipments.....do	'10,644	'11,492	891	676	955	837	775	984	920	997	1,114	997	1,092	1,074		
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	1,894	2,007	1,895	1,897	1,892	1,947	2,007	1,992	1,982	1,992	1,969	1,972	1,949	1,960		
Exports, total sawmill products.....thous. bd. ft.	169,925	187,258	16,129	15,946	15,176	17,302	16,531	19,889	20,611	20,159	12,174	24,865	19,877	18,413	13,738	
Producer Price Index, southern pine, dressed.....1967=100	300.7	299.9	303.6	295.5	287.9	289.1	290.3	295.8	305.3	318.7	322.6	*318.9	332.0	351.0	344.2	345.0
Western pine:																
Orders, new.....mil. bd. ft.	9,247	10,500	988	995	949	813	830	957	889	1,016	880	966	1,074	891	1,029	
Orders, unfilled, end of period.....do	433	451	510	517	531	518	451	553	590	594	583	582	607	551	581	
Production.....do	9,276	10,482	971	1,007	961	841	864	840	882	1,035	885	928	1,051	928	994	
Shipments.....do	9,221	10,482	945	988	935	826	897	855	852	1,012	891	967	1,049	947	999	
Stocks (gross), mill, end of period.....do	1,312	1,312	1,285	1,304	1,330	1,345	1,312	1,297	1,327	1,350	1,344	1,305	1,307	1,288	1,283	
Producer Price Index, other softwood, dressed.....1967=100	378.7	390.6	387.2	409.6	399.5	407.3	401.3	402.3	421.4	426.3	427.2	*419.3	423.0	430.3	432.9	442.9
HARDWOOD FLOORING																
Oak:																
Orders, unfilled, end of period.....mil. bd. ft.	5.5	7.5	9.2	8.3	7.4	7.9	7.5	8.3	9.4	11.5	12.9	11.3	13.5	16.1	15.9	16.8
Shipments.....do	121.8	145.2	12.6	12.7	14.7	11.2	12.2	12.4	12.3	14.6	13.6	14.1	15.9	14.5	13.9	11.8
Stocks (gross), mill, end of period.....do	6.2	7.4	4.3	5.3	5.1	5.5	7.4	7.1	6.9	6.2	5.9	5.7	5.9	6.2	6.6	7.8

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons	932	929	86	103	72	87	77	65	87	84	92	115	99	84	91	
Scrap.....do	'9,950	11,704	1,011	752	964	703	1,154	731	728	798	900	638	1,258	1,072	862	
Pig iron.....do	32	47	2	(*)	6	1	10		1	22	1	2	12	1		
Imports:																
Steel mill products.....do	24,256	20,698	1,529	1,586	1,359	1,927	1,521	1,500	1,852	1,807	1,529	1,898	1,697	1,723	1,624	
Scrap.....do	611	724	101	69	48	96	57	63	76	58	50	55	60	62	47	
Pig iron.....do	344	295	33	44	20	26	13	13	14	38	13	21	30	14	28	
Iron and Steel Scrap																
Production.....thous. sh. tons	'30,455	26,335	1,871	1,838	1,881	1,763	1,762	1,949	1,803	1,963	2,150	*2,063	2,144			
Receipts, net.....do	'38,816	37,928	3,044	3,168	3,288	3,086	3,057	3,196	3,427	3,369	3,684	*3,520	3,682			
Consumption.....do	'30,493	65,369	5,026	4,967	5,239	4,935	4,867	5,185	5,025	5,683	5,751	*5,714	5,667			
Stocks, end of period.....do	'5,104	4,401	4,566	4,595	4,545	4,467	4,401	4,335	4,366	4,411	4,407	*4,260	4,321			
Producer Price Indexes, iron and steel scrap:																
No. 1 heavy melting, composite *.....1967=100	273.3	266.2	267.7	265.7	265.7	266.7	270.3									
Pittsburgh district *.....do	287.6	278.0	283.7	283.7	283.7	283.7	298.6									
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons	'48,751	38,882	3,041	2,986	2,767	2,221	2,342	2,782	3,029	3,258	3,076					
Shipments from mines.....do	'49,411	42,374	4,600	4,147	4,093	4,036	3,375	330	254	900	3,437					
Imports.....do	15,955	16,749	1,120	1,444	1,191	1,228	1,267	959	438	931	1,159	1,580	1,948	1,173	1,817	
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do	61,757	51,307	4,249	4,555	4,585	4,480	4,281	1,616	1,052	2,209	4,479	5,159	6,127	*6,178	5,994	
Consumption at iron and steel plants.....do	63,658	55,283	4,274	3,754	3,872	3,771	3,913	4,242	3,928	4,890	5,031	5,334	5,035	4,684		
Exports (domestic).....do	7,135	6,501	1,160	1,650	529	369	469	71	(*)	22	440	911	1,463	*414	438	
Stocks, total, end of period.....do	29,389	22,133	23,417	23,706	23,624	22,695	22,133	21,817	21,750	20,910	19,885					
At mines.....do	5,968	2,983	7,960	7,166	5,875	4,061	2,983	5,347	8,127	10,485	10,124					
At furnace yards.....do	21,290	17,163	14,455	15,375	16,086	16,795	17,163	14,334	11,660	9,522	9,204					
At U.S. docks.....do	2,404	1,987	1,002	1,165	1,663	1,839	2,123	2,136	1,963	903	557					
Manganese (manganese content), general imports.....do																
	828	883	79	93	58	76	84	30	31	46	64	57	95	57	58	
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys).....thous. sh. tons	'50,446	43,952	2,966	2,982	3,161	3,097	3,146	3,214	3,069	3,891	4,048	4,256	4,079	4,235	*4,165	4,208
Consumption.....do	'51,460	'41,789	2,964	2,869	3,015	2,972	3,028	3,046	3,052	4,122	4,222	*4,200	4,123			
Stocks, end of period.....do	'239	226	241	227	228	221	226	243	214	222	223	*244	239			
Producer Price Index, basic.....6/82=100	98.4															
Castings, gray and ductile iron:																
Shipments, total.....thous. sh. tons	10,017	7,138	562	601	681	550	566	632	621	730	797	727	*801	748		
For sale.....do	6,432	4,611	395	389	428	367	374	416	423	481	515	488	*524	524		
Castings, malleable iron:																
Shipments, total.....do	376	471	81	86	46	41	42	50	44	49	40	34	41	32		
For sale.....do	198	153	11	11	15	12	12	16	16	17	17	20	14			

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
METALS AND MANUFACTURES—Continued																
Steel, Raw and Semifinished																
Steel (raw):																
Production.....thous. sh. tons..	'88,259	81,606	5,668	5,644	6,087	5,860	5,877	6,248	5,992	7,375	7,402	7,641	7,349	7,324	7,494	7,694
Rate of capability utilization.....percent..	'66.1	63.8	52.8	54.3	56.8	56.5	54.9	65.5	69.5	77.3	80.3	80.2	79.7	77.3	79.1	53.9
Steel castings:																
Shipments, total.....thous. sh. tons..	940	879	66	69	77	75	77	77	81	88	71	66	68	69		
For sale, total.....do.....	904	842	64	66	74	72	73	74	77	82	68	64	65	66		
Steel Mill Products																
Steel products, net shipments:																
Total (all grades).....thous. sh. tons..	'73,043	'70,263	5,364	5,608	5,923	4,899	5,199	5,664	5,527	6,234	6,312	6,247	6,656	6,245	6,369	
By product:																
Semifinished products.....do.....	4,345	4,954	384	412	418	351	367	430	413	510	539	519	541	485	546	
Structural shapes (heavy), steel piling.....do.....	'4,698	'4,528	384	366	395	317	322	365	369	412	412	354	458	434	429	
Plates.....do.....	'4,327	'3,565	265	242	274	224	256	262	255	294	319	315	328	343	345	
Rails and accessories.....do.....	931	640	49	44	39	31	40	41	37	48	43	45	39	37	40	
Bars and tool steel, total.....do.....	'12,668	12,171	950	951	1,028	858	858	933	965	1,106	1,067	1,069	1,117	1,037	1,089	
Bars: Hot rolled (including light shapes).....do.....	'7,027	6,559	512	499	532	475	490	537	540	630	602	577	656	473	541	
Bars: Reinforcing.....do.....	4,326	4,239	337	349	387	293	278	292	316	356	348	380	342	361	390	
Bars: Cold finished.....do.....	1,255	1,257	98	98	104	86	85	110	105	112	107	115	114	113		
Pipe and tubing.....do.....	4,096	2,836	211	191	210	179	173	188	207	234	254	288	341	317	323	
Wire and wire products.....do.....	1,136	1,080	88	81	89	68	64	80	88	101	107	94	97	94	87	
Tin mill products.....do.....	3,772	3,302	320	310	287	262	272	280	293	333	336	336	358	361	351	
Sheets and strip (including electrical), total.....do.....	'37,069	36,686	2,713	3,010	3,181	2,609	2,847	3,087	2,913	3,237	3,238	3,227	3,377	3,184	3,154	
Sheets: Hot rolled.....do.....	12,952	'12,167	840	1,003	1,069	875	1,004	1,021	969	1,115	1,096	1,066	1,112	1,075	1,023	
Sheets: Cold rolled.....do.....	13,574	'13,250	949	1,062	1,112	924	974	1,088	1,020	1,117	1,135	1,153	1,200	1,124	1,126	
By market (quarterly):																
Service centers and distributors.....do.....	17,548	'15,251		3,986			3,599		3,873				4,113	'1,622	'1,539	
Construction, incl. maintenance.....do.....	'6,407	'5,141		1,489			1,099		1,302				1,335	'2,509	'2,550	
Contractors' products.....do.....	2,663	'2,559		646			641		546				613	'2,226	'2,228	228
Automotive.....do.....	12,725	'9,871		2,689			2,166		3,065				2,415	736	812	
Rail transportation.....do.....	1,059	'674		163			136		160				157	54	66	
Machinery, industrial equip., tools.....do.....	2,129	'1,323		436			298		488				372	170	170	
Containers, packaging, ship. materials.....do.....	4,069	4,075		1,093			895		921				1,127	387	386	
Other.....do.....	'26,098	'23,367		6,313			5,456		7,032				6,841	2,589	2,614	
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																
Producing mills, inventory, end of period:																
Steel in process.....mil. sh. tons..	23.5	23.5	'54.5	'58.6	'58.1	'52.5	'52.7									
Finished steel.....do.....	7.4	7.3	7.2	7.0	6.7	7.2	7.3	7.0	7.0	7.0	7.0	7.0	6.8	6.8		
Service centers (warehouses), inventory, end of period.....mil. sh. tons..	5.8	5.7	6.0	5.7	5.5	5.5	5.7	5.8	5.9	5.8	5.8	5.8	5.7	5.8		
Consumers (manufacturers only):																
Inventory, end of period.....do.....	4.1	4.6	4.4	4.3	4.3	4.4	4.6									
Receipts during period.....do.....	53.6	44.5	3.4	4.1	3.7	3.2	3.5									
Consumption during period.....do.....	57.5	43.9	3.5	4.2	3.7	3.1	3.3									
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores).....thous. met. tons..	3,499	3,036	235	231	243	239	252	262	238	266	263	271	272	282		
Recovery from scrap.....do.....	1,728	1,739	147	164	146	133	134	147	149	160	160	150	156	155		
Imports (general):																
Metal and alloys, crude.....do.....	960.9	1,463.4	136.1	106.1	118.3	100.4	85.2	126.0	124.6	111.1	106.3	114.9	133.6	120.6	106.1	
Plates, sheets, bars, etc.....do.....	463.4	495.3	41.0	34.6	42.6	48.9	28.9	36.1	40.7	41.9	31.1	40.2	39.4	39.5	32.8	
Exports:																
Metal and alloys, crude.....do.....	383.0	228.6	17.2	18.0	21.2	19.1	23.5	17.0	26.3	23.5	26.0	16.8	16.1	29.0	30.6	
Plates, sheets, bars, etc.....do.....	174.5	203.3	14.3	16.7	18.9	20.7	14.1	20.2	25.5	24.2	24.1	23.7	28.5	19.4	23.2	
Price, U.S. market, 99.7% purity, monthly average.....\$ per lb..	.4881	.5587	.5449	.5540	.5357	.5250	.5284	.5460	.5945	.6254	.6497	.6890	.7254	.7424	.8167	
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.).....mil. lb.	14,456	14,382	1,131	1,116	1,219	1,042	1,062	1,186	1,257	1,354	1,294	1,323	'1,446	1,349		
Mill products, total.....do.....	11,092	11,418	915	932	972	840	872	931	917	1,056	1,015	1,021	'1,147	1,044		
Sheet and plate.....do.....	6,442	6,629	526	526	547	484	520	554	543	636	606	616	699	614		
Castings.....do.....	'2,230	'2,187	'155	'170	'189	'168	'155	183	192	208	198	180	180	144		
Inventories, total (ingot, mill products, and scrap), end of period.....mil. lb.	5,165	4,928	5,057	4,977	4,927	4,902	4,928	4,868	4,784	4,702	4,591	4,515	'4,475	4,404		
Copper:																
Production:																
Mine, recoverable copper.....thous. met. tons..	1,105.8	'1,147.3	94.9	97.9	100.5	92.8	97.4	103.9	94.6	107.6	100.7	106.7	'104.4	106.4		
Refined from primary materials.....do.....	'945.6	'1,071.3	86.2	88.9	94.5	90.0	102.0	'93.6	88.4	85.8	78.6	'87.0	'96.1	91.4		
Electrolytically refined:																
From domestic ores.....do.....	890.4	'947.9	71.7	73.5	80.0	72.9	87.1	'81.6	77.7	74.5	67.4	74.8	'81.6	76.4		
From foreign ores.....do.....	55.2	'40.2	3.8	3.9	3.1	5.2	2.8									
Electrowon.....do.....	93.5	124.5	10.8	11.4	11.4	11.9	12.1	'11.9	10.7	11.3	11.2	12.2	'14.4	15.0		
Refined from scrap.....do.....	363.2	492.7	37.4	43.9	43.5	36.0	36.7	30.2	31.3	42.9	46.7	36.4	'38.3	29.7		
Imports, unmanufactured (general):																
Refined, unrefined, scrap (copper cont.).....do.....	483.2	667.5	43.4	92.9	40.4	67.2	40.8	41.7	50.7	63.7	48.2	72.0	80.2	45.7	57.3	
Refined.....do.....	390.7	503.1	36.0	37.3	31.7	55.6	31.2	34.4	38.7	55.8	38.9	60.2	69.3	37.0	45.0	
Exports:																
Refined and scrap.....do.....	463.0	497.1	55.1	25.3	46.2	41.6	43.9	26.5	40.5	46.3	40.8	28.4	33.0	38.7	38.0	
Refined.....do.....	48.1	14.9	1.8	1.7	.6	.9	.8	.8	1.9	2.4	2.8	.8	1.1	.6	.5	
Consumption, refined (reported by mills, etc.).....do.....	1,899	'2,102	155	175	185	171	152	170	176	206	191	173	182	140		
Stocks, refined, end of period.....do.....	311	'225	262	232	209	198	221	210	199	182	180	174	'168	195		
Price, avg. U.S. producer cathode, delivered \$ per lb..	.6697	.6605	.6237	.6484	.6346	.6236	.6364	.6499	.6552	.6807	.6713	.7098	.7435	.8042		

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products.....mil. lb.	2,363	2,318		578				559			772				825	
Copper wire mill products (copper content).....do	1,880	1,792		453				445			473				485	
Brass and bronze foundry products.....do	541	478		112				125			132				140	
Lead:																
Production:																
Mine, recoverable lead.....thous. met. tons.	414.0	337.8	23.3	24.0	24.2	20.7	24.1	23.9	23.6	27.8	23.5	27.0	26.2	28.6		
Recovered from scrap (lead cont.).....do	594.2	590.8	50.2	46.2	51.3	50.8	47.5	50.0	49.9	54.4	55.6	59.3	53.9	59.9		
Imports (general), ore (lead content), metal.....do	56.5	103.4	12.7	8.6	18.9	14.4	14.6	17.2	11.6	2.6	17.8	20.3	23.5	26.2	24.3	
Consumption, total.....do	1,148.3	1,124.8	98.8	105.3	110.4	94.8	96.6	90.8	85.8	99.8	97.8	98.0	100.2	94.1		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons.	61.3	74.0	74.5	72.0	73.9	64.9	74.0	67.0	53.4	59.2	56.6	56.5	58.4	58.6	67.7	67.0
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons.	83.9	20.4	73.2	52.1	37.6	27.2	20.4	31.0	33.3	35.6	28.6	29.6	18.6	10.6		
Consumers' (lead content).....do	93.1	83.8	58.3	53.0	50.1	53.5	55.3	58.0	58.1	59.5	58.0	60.7	59.5	60.2		
Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons.	22.0	19.4	22.6	21.1	19.6	16.3	19.4	21.4	20.2	18.7	18.6	17.9	23.8	25.5		
Price, common grade, delivered.....\$ per lb.	1.907	2.205	2.242	2.343	2.555	2.801	2.868	2.788	2.604	2.600	2.784	3.495	3.693	4.167		
Tin:																
Imports (for consumption):																
Ore (tin content).....metric tons	1,633	4,030	677	293	373	957				727	195	387	154		732	422
Metal, unwrought, unalloyed.....do	33,331	35,768	2,508	1,833	2,371	4,268	2,194	2,935	3,347	3,034	5,448	3,427	3,036	4,196	3,009	
Recovery from scrap, total (tin cont.).....do	9,045	7,243	564	419	601	585	607	810	817	982	859	807	916	800		
As metal.....do	1,176	714		144		141	148	164	137	153	150	134	110	114		
Consumption, total.....do	51,600	50,100	4,100	4,000	4,300	3,900	3,900	4,100	3,900	4,200	4,700	4,300	4,200	4,200		
Primary.....do	38,900	37,400	3,000	3,000	3,200	2,900	2,900	3,000	2,900	3,200	3,400	3,300	3,200	3,300		
Exports, incl. reexports (metal).....do	2,875	3,022	213	199	167	261	112	102	120	200	249	137	164	180	135	
Stocks, pig (industrial), end of period.....do	5,665	4,802	4,246	3,497	3,554	4,681	4,802	5,232	6,394	6,321	7,263	8,087	6,663	4,292		
Price, Straits quality (delivered).....\$ per lb.	5.9595	3.6991	3.4701	3.4583	3.5387	3.8422	4.0277	4.1849	4.1715	4.1401	4.1830	4.2179	4.1449	4.0309		
Zinc:																
Mine prod., recoverable zinc.....thous. met. tons.																
Imports (general):																
Ores (zinc content).....do	91.4	197.7	23.9	16.6	30.6	24.1	25.4	37.8	28.5	28.3	28.2	40.0	37.2	35.7	38.5	
Metal (slab, blocks).....do	568.7	667.1	44.8	61.3	51.3	56.5	56.6	43.4	51.9	64.8	58.7	50.7	53.4	66.4	68.5	
Consumption (recoverable zinc content):																
Ores.....do	52.7	21.9	7	6	5	5	5	5	5	5	5	5	5	5	5	
Scrap, all types.....do	251.0	273.8	20.8	21.8	27.0	21.9	22.6	22.7	22.4	23.7	22.6	23.5	23.3	24.4		
Slab zinc: @																
Production, total.....thous. met. tons	301.0	269.9	22.2	22.7	24.1	21.8	23.8	23.4	24.3	25.6	23.0	16.5	16.6	13.6	14.9	15.5
Consumption, fabricators.....do	711.8	706.0	54.8	58.6	58.1	52.5	52.7	55.7	55.1	63.9	59.1	59.0	60.6	55.6		
Exports.....do	7	1.9	(*)	1	5	1	2	2	2	(*)	(*)	(*)	(*)	1	2	
Stocks, end of period:																
Producers', at smelter (ABMS).....do	35.6	15.5	9.3	7.4	8.7	10.7	15.5	16.6	19.5	18.7	15.6	10.9	9.7	7.4	7.1	6.4
Consumers'.....do	75.4	54.2	42.7	46.0	45.7	42.6	44.2	44.4	41.2	41.5	43.1	44.1	44.3			
Price, high grade.....\$ per lb.	4.037	3.800	4.083	4.370	4.598	4.578	4.351	4.140	3.838	3.770	3.819	4.223	4.505	4.587		
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly # ..mil. \$.																
Electric processing heating equipment.....do	239.5	148.2		30.9			44.1									
Fuel-fired processing heating equip.....do	100.0	65.5		10.5			16.1									
Material handling equipment (industrial):																
Shipments *.....do	4,272.4		420.2													
Industrial supplies, machinery and equipment:																
New orders index, seas. adjusted...1977=100	119.9	118.6	118.1	120.0	120.3	119.7	121.2	119.2	124.3	126.9	123.2	128.0	126.3	124.6	128.0	
Industrial suppliers distribution:																
Sales index, seas. adjusted...1977=100	147.3	145.0	148.0	145.5	154.5	144.1	128.1	139.0	138.7	143.6	151.1	143.0	140.5	149.6	151.5	147.3
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.)...1977=100	162.9	164.7	165.0	165.1	165.3	165.3	165.6	165.7	165.8	165.9	166.2	166.3	166.5	166.3	166.5	166.9
Fluid power products shipments indexes:																
Hydraulic products \$.....1985=100	100	98	97	98	95	87	90	94	103	112	115	109	117	111	104	105
Pneumatic products \$.....do	100	98	90	95	102	85	87	94	97	107	102	100	104	113	104	109
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total.....mil. \$.	1,853.10	1,544.25	115.10	100.15	130.85	83.95	87.25	98.95	103.70	124.45	79.55	144.80	114.95	102.10	96.35	127.00
Domestic.....do	1,652.15	1,376.55	108.60	89.95	114.95	75.85	74.05	95.65	98.35	108.55	65.15	139.60	98.85	84.60	90.25	118.65
Shipments, total.....do	1,742.25	1,890.30	108.25	161.35	183.50	116.80	215.00	111.25	99.25	138.65	115.85	161.65	165.10	136.30	118.35	144.40
Domestic.....do	1,548.50	1,684.70	92.50	140.80	170.40	104.40	189.10	104.10	88.80	118.20	102.10	146.00	148.20	127.90	99.85	127.90
Order backlog, end of period.....do	1,243.3	897.2	1,171.7	1,110.5	1,057.8	1,025.0	897.2	885.0	889.4	874.2	837.9	821.0	770.9	736.7	714.7	697.3
Metal forming type tools:																
Orders, new (net), total.....do	675.00	581.05	39.30	35.10	49.30	48.65	49.30	47.70	49.15	40.75	50.75	43.30	87.80	60.90	45.65	56.15
Domestic.....do	610.00	506.80	30.40	23.65	44.45	42.30	37.05	32.90	43.10	28.70	45.00	36.50	75.45	43.90	36.60	40.00
Shipments, total.....do	802.95	688.20	43.10	46.60	59.30	50.00	56.25	36.45	47.35	43.85	56.50	46.95	68.05	61.50	40.05	56.85
Domestic.....do	742.95	621.35	39.05	40.30	52.40	44.70	43.20	31.25	42.65	35.85	43.05	43.80	54.65	54.35	33.60	37.65
Order backlog, end of period.....do	414.2	307.1	336.9	325.4	315.4	314.0	307.1	318.4	320.2	317.0	311.3	307.6	327.4	326.8	322.4	331.7

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb*	Mar.	Apr.	May	June	July	Aug.	Sept.
METALS AND MANUFACTURES—Continued																
MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly: Tracklaying (ex. shovel loaders).....units	7,321	*3,440		*1,554				*1,722								
mil. \$	628.7	*821.1		*141.1				*167.0								
Wheel (contractors' off-highway).....units	7,080	*5,999		*1,211				*1,439								
mil. \$	486.6	*421.9		*87.5				*97.6								
Shovel loaders †.....units	70,653	*53,723		*11,344				*14,693								
mil. \$	2,364.6	*1,679.0		*328.6				*452.6								
ELECTRICAL EQUIPMENT																
Batteries (auto-type replacement), shipments.....thous.	58,684	60,306	5,668	6,461	6,936	6,170	5,969	3,798	3,709	3,912	3,876	4,272	5,328	5,015	5,732	6,542
Radio sets, production, total market.....thous.	22,851	25,364	2,832	*2,774	3,165	2,822	*2,404	1,549	1,893	1,876	1,680	2,132	2,435	2,507	2,524	3,152
Television sets (incl. combination models), production, total market.....thous.	20,525	23,351	1,927	*2,337	2,209	2,161	*2,353	1,820	1,721	2,194	1,552	1,776	2,094	1,484	1,836	2,373
Household major appliances (electrical), factory shipments (domestic and export) #.....thous.	41,797	45,072	*3,784	*4,061	4,085	3,425	3,609	4,082	3,477	4,053	4,139	3,947	4,747	4,012	3,934	4,207
Air conditioners (room).....do	3,022	2,816	89	89	53	56	92	155	243	582	542	655	656	350	196	93
Dishwashers.....do	3,575	3,918	339	346	386	330	338	337	324	350	338	294	369	322	335	342
Disposers (food waste).....do	4,105	4,269	*364	*421	404	347	388	449	367	364	352	347	356	343	357	409
Microwave ovens/ranges @.....do	10,833	12,444	1,046	*1,231	1,137	1,129	1,158	1,332	832	838	1,071	807	1,021	913	978	1,277
Ranges.....do	3,142	3,313	271	294	319	278	283	292	248	279	281	256	289	286	290	289
Refrigerators.....do	6,080	6,510	605	597	611	449	434	474	461	517	531	589	821	732	700	619
Freezers.....do	1,236	1,222	122	110	94	72	72	84	82	105	97	106	136	137	138	109
Washers.....do	5,278	5,765	500	554	600	410	485	506	447	510	461	452	602	484	520	596
Dryers (incl. gas).....do	3,914	4,245	356	408	460	350	357	435	366	390	338	323	426	363	381	450
Vacuum cleaners (qtrly).....do																
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, warm air, shipments.....thous.	1,822	2,105	199	218	252	202	182	168	153	149	138	118	140	157	203	
Ranges, total, shipments.....do	1,814	1,940	156	189	182	173	187	180	160	184	157	154	183	158	157	
Water heaters (storage), automatic, shipments.....do	3,529	3,729	273	290	346	294	322	346	340	352	353	290	330	297	290	

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production †.....thous. sh. tons	4,708	*4,292	*381	*384	*479	*415	*378	256	264	305	*287	*282	*304	271	281	
Exports.....do	1,286	1,460	162	274	338	199	95	12	8	42	45	96	154	121	144	
Producer Price Index.....1967=100	616.3	638.5	635.5	635.5	635.5	635.7	639.6	640.8	640.8	640.8	636.6	*636.7	636.4	639.1	639.1	641.0
Bituminous:																
Production †.....thous. sh. tons	878,930	*886,023	*75,912	*74,407	*79,412	*69,774	*73,201	74,278	71,253	75,374	*70,775	*69,772	*76,948	70,428	79,728	
Consumption, total †.....do	815,132	801,811	70,430	65,132	62,964	63,431	69,496	72,390	62,844	63,567						
Electric power utilities.....do	692,808	684,227	61,645	56,489	54,059	54,074	59,020	62,350	53,640	54,568	51,387	56,414	63,414			
Industrial, total.....do	115,853	111,151	8,402	8,134	8,359	8,780	9,738	9,444	8,682	8,627						
Coke plants (oven and beehive).....do	41,026	35,973	2,576	2,532	2,519	2,541	2,637	2,634	2,496	2,670						
Residential and commercial.....do	6,470	6,433	383	509	545	577	738	596	521	372						
Stocks, end of period, total †.....do	162,976	168,073	154,993	157,690	163,094	166,996	168,073	162,698	163,326	166,003						
Electric power utilities.....do	149,188	154,707	142,046	144,799	150,044	153,788	154,707	149,970	151,236	154,550	157,642	158,585	156,177			
Industrial, total.....do	13,789	13,367	12,947	12,891	13,050	13,208	13,367	12,727	12,089	11,453						
Oven-coke plants.....do	3,409	2,985	3,083	2,860	2,902	2,943	2,985	2,879	2,773	2,668						
Exports.....do	91,361	84,017	7,553	7,915	7,066	6,475	6,436	4,709	4,634	6,417	6,183	6,456	7,174	6,489	7,614	
Producer Price Index.....1967=100	543.5	534.7	534.4	533.6	533.1	530.9	530.4	530.8	526.6	525.0	515.4	*513.5	514.7	512.6	511.1	508.4
COKE																
Production:																
Beehive and oven (byproduct).....thous. sh. tons	28,651	25,540		5,513			5,618			5,926						
Petroleum coke †.....do	33,204	36,903	3,230	3,171	3,066	2,925	3,206	3,208	2,919	3,044	2,991	3,078	3,107	3,175		
Stocks, end of period:																
Oven-coke plants, total.....do	2,553	2,066		2,141			2,066			1,853						
At furnace plants.....do	2,148	1,778		1,747			1,778			1,557						
At merchant plants.....do	404	288		394			288			295						
Petroleum coke @ @.....do	1,232	1,206	1,304	1,296	1,231	1,143	1,206	1,373	1,414	1,437	1,551	1,485	1,309	1,280		
Exports.....do	1,179	1,063	240	26	72	151	76	67	31	75	56	30	50	98	32	
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Producer Price Index.....1967=100	619.4	344.0	263.8	311.8	308.8	307.4	308.3	369.6	384.2	383.4	390.3	*401.4	412.7	437.7	448.1	425.1
Gross input to crude oil distillation units @ @.....mil. bbl.	4,440.2	4,681.4	415.2	395.7	395.3	387.8	400.3	392.8	346.6	378.1	377.9	397.3	397.0	420.7		
Refinery operating ratio @ @.....% of capacity	78	83	87	86	83	84	84	81	79	78	80	82	84	86		
All oils, supply, demand, and stocks: @ @																
New supply, total ◊.....mil. bbl.	5,730.9	6,026.1	528.3	508.2	507.8	499.4	517.2	506.2	444.0	484.9	477.2	491.9	497.7	537.5		
Production:																
Crude petroleum.....do	3,274.6	3,168.3	259.6	249.8	261.0	252.4	258.9	262.8	232.9	258.8	252.8	257.5	247.9	255.5		
Natural gas plant liquids.....do	607.5	587.1	46.6	45.7	47.6	49.4	50.6	51.7	47.4	52.0	49.5	51.1	49.2	51.2		
Imports:																
Crude and unfinished oils.....do	1,308.6	1,642.7	159.9	161.0	146.6	148.3	146.1	143.8	117.3	127.6	131.2	141.3	157.3	172.8		
Refined products.....do	540.3	628.0	62.3	51.6	52.6	49.3	61.5	47.9	46.4	46.5	43.6	42.1	43.3	58.0		
Change in stocks, all oils.....do	-37.5	73.7	9.6	35.7	-7.5	1.6	-19.5	-5.8	-22.8	-3.6	-17.1	1.3	6.5	11.2		
Product demand, total.....do	6,024.6	6,227.9	542.0	498.6	540.4	511.1	556.4	533.5	495.9	517.3	520.9	515.7	524.4	547.7		
Exports:																
Crude petroleum.....do	74.5	56.2	7.2	4.8	4.7	3.4	4.9	3.0	8.4	5.1	7.4	2.1	3.5	4.6		
Refined products.....do	209.9	223.3	19.6	16.5	21.1	21.0	20.4	22.6	19.3	17.3	18.4	18.2	16.5	16.2		

See footnotes at end of tables.

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Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS †—Continued																
All oils, supply, demand, and stocks—Continued																
Domestic product demand, total #.....mil. bbl.....	5,740.1	5,942.4	515.2	477.3	514.7	486.6	531.1	507.8	468.2	494.9	495.0	495.3	504.4	526.9		
Gasoline.....do.....	2,503.3	2,579.1	231.7	207.8	225.6	207.1	222.1	201.2	189.1	215.5	220.5	232.5	226.9	285.7		
Kerosene.....do.....	41.6	35.9	3.1	1.7	3.1	3.5	4.9	5.1	4.2	3.2	1.3	1.4	1.8	1.7		
Distillate fuel oil.....do.....	1,046.8	1,063.7	81.2	76.2	90.3	86.3	103.2	101.0	93.7	93.1	90.1	82.8	83.8	83.8		
Residual fuel oil.....do.....	438.8	517.7	46.0	38.9	39.0	41.7	50.8	45.3	41.2	37.8	37.7	31.8	36.2	39.8		
Jet fuel.....do.....	444.7	477.2	41.9	39.6	39.4	41.4	44.8	40.9	40.4	41.0	39.8	39.0	39.8	41.9		
Lubricants.....do.....	53.1	51.9	4.4	4.8	4.8	3.9	3.3	5.3	4.7	5.4	5.5	4.8	5.4	4.7		
Asphalt.....do.....	155.1	163.6	21.6	21.0	18.6	9.7	6.9	5.7	4.8	7.7	11.6	16.6	20.0	23.1		
Liquefied petroleum gases.....do.....	588.6	552.1	39.1	43.7	54.2	54.5	58.1	61.6	50.8	48.2	44.6	40.2	42.2	47.5		
Stocks, end of period, total.....do.....	1,518.8	1,592.5	1,582.3	1,618.0	1,610.4	1,612.0	1,592.5	1,587.7	1,564.9	1,561.4	1,544.3	1,545.5	1,552.0	1,563.1		
Crude petroleum.....do.....	814.2	842.8	837.7	844.2	851.4	848.6	842.8	848.7	843.7	853.0	850.5	853.0	857.0	856.2		
Strategic petroleum reserve.....do.....	493.3	511.6	505.0	506.4	507.5	509.5	511.6	514.9	516.7	520.0	522.0	525.1	527.2	530.0		
Unfinished oils, natural gasoline, etc.....do.....	148.0	140.4	141.0	141.9	148.5	145.5	140.4	142.8	154.2	158.5	154.6	150.8	149.8	147.0		
Refined products.....do.....	556.6	609.4	603.6	631.9	610.5	617.5	609.4	596.3	562.0	549.5	536.6	544.2	545.2	559.9		
Refined petroleum products:																
Gasoline (incl. aviation):																
Production.....do.....	2,352.3	2,476.3	221.2	208.7	206.0	207.5	216.5	208.2	179.0	204.0	206.5	217.5	213.7	219.1		
Stocks, end of period.....do.....	192.4	196.4	189.7	198.5	187.0	193.0	196.4	211.7	209.6	208.1	203.4	197.7	194.7	191.1		
Prices, regular grade (excl. aviation):																
Producer Price Index ‡.....2/73=100.....	507.3	333.4	282.5	311.9	284.5	283.9	289.1	320.5	340.4	341.0	359.1	364.5	375.8	386.4	401.3	379.0
Retail, U.S. city average (BLS):																
Leaded.....\$ per gal.....	\$ 1.115	.857	.778	.797	.771	.762	.764	.806	.848	.856	.879	.888	.906	.921	.946	.940
Unleaded.....do.....	\$ 1.202	.927	.843	.860	.831	.821	.823	.862	.905	.912	.934	.941	.958	.971	.995	.990
Aviation gasoline:																
Production.....mil. bbl.....	9.3	11.7	1.4	2.0	.9	.7	.4	.8	.7	.8	.7	.8	1.0	.9		
Stocks, end of period.....do.....	2.1	2.2	2.3	2.5	2.5	2.5	2.2	2.4	2.5	2.3	2.0	1.9	2.0	2.0		
Kerosene:																
Production.....do.....	34.5	32.6	2.3	2.7	2.8	3.2	4.1	4.0	2.2	1.9	1.4	1.1	1.1	1.7		
Stocks, end of period.....do.....	7.5	8.4	6.9	8.3	8.3	8.5	8.4	8.5	7.6	6.5	6.9	6.6	6.1	6.4		
Producer Price Index (light distillate) ‡.....1967=100.....	809.3	534.0	413.3	426.8	423.9	419.4	429.1	451.9	488.1	486.4	502.2	512.1	530.1	550.6	577.0	579.3
Distillate fuel oil:																
Production.....mil. bbl.....	980.9	1,021.2	90.6	86.0	84.2	87.5	91.2	86.0	72.1	73.9	76.6	79.5	80.7	83.7		
Imports.....do.....	73.1	90.3	11.5	7.8	7.5	7.6	10.5	6.1	6.4	7.8	5.5	6.2	7.4	11.7		
Stocks, end of period.....do.....	143.7	155.1	137.7	152.4	151.6	158.3	155.1	141.4	123.5	110.0	100.4	101.8	104.3	114.7		
Producer Price Index (middle distillate) ‡.....1967=100.....	821.5	499.8	406.5	469.0	436.0	440.7	461.8	520.3	537.9	503.2	526.1	539.8	558.1	571.0	601.3	574.9
Residual fuel oil:																
Production.....mil. bbl.....	322.0	324.3	27.8	25.6	25.6	29.2	30.6	28.5	23.3	26.9	24.9	25.2	25.9	28.0		
Imports.....do.....	186.3	244.2	24.6	19.2	19.7	17.2	28.3	20.7	17.1	17.1	16.2	15.4	14.3	21.1		
Stocks, end of period.....do.....	50.4	47.4	41.3	44.0	45.8	46.3	47.4	45.0	38.1	39.6	35.9	40.3	41.3	45.1		
Producer Price Index ‡.....1967=100.....	983.1	525.8	361.0	419.1	453.4	450.8	462.1	530.8	627.6	594.1	617.1	639.9	650.8	688.5	721.6	646.6
Jet fuel:																
Production.....mil. bbl.....	433.9	472.0	39.3	38.7	40.7	39.8	43.8	42.3	37.0	39.7	37.5	38.8	37.6	41.7		
Stocks, end of period.....do.....	40.5	49.7	48.5	48.9	50.6	50.1	49.7	50.2	47.9	48.1	47.0	47.4	46.0	46.7		
Lubricants:																
Production.....do.....	53.1	58.2	5.0	4.9	4.8	5.0	4.8	5.1	4.4	5.0	5.3	5.0	5.3	5.3		
Stocks, end of period.....do.....	11.8	14.2	13.3	13.0	12.5	13.3	14.2	14.3	13.7	13.0	12.5	12.2	11.7	11.7		
Asphalt:																
Production.....do.....	146.3	149.7	13.3	16.0	14.2	10.4	7.0	6.6	6.5	9.0	12.0	14.7	17.1	19.8		
Stocks, end of period.....do.....	21.2	17.7	22.6	18.9	15.2	16.6	17.7	19.3	21.7	23.8	25.1	24.3	22.7	20.9		
Liquefied petroleum gases:																
Production, total.....do.....	622.0	618.5	50.2	48.9	50.4	51.7	53.5	54.7	50.0	54.8	53.4	53.8	52.2	54.8		
At gas processing plants (L.P.G.).....do.....	479.3	466.2	36.3	35.8	37.5	39.2	40.8	41.1	38.1	41.0	39.6	40.1	38.4	39.6		
At refineries (L.R.G.).....do.....	142.6	152.3	13.9	13.1	12.9	12.6	12.7	13.6	11.9	13.8	13.9	13.7	13.8	15.2		
Stocks (at plants and refineries).....do.....	73.5	102.7	126.5	130.7	123.0	115.4	102.7	87.4	81.6	82.2	86.4	95.3	100.7	105.5		

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD																
Receipts.....thous. cords (128 cu.ft.).....	'85,499	'90,943	7,465	7,493	8,247	7,224	7,639	8,074	7,694	7,912	7,873	7,382	7,743	8,264		
Consumption.....do.....	'85,744	'91,434	7,582	7,362	7,779	7,681	7,795	8,049	7,541	7,869	7,855	7,582	7,723	8,195		
Inventories, end of period.....do.....	5,046	4,794	4,835	4,970	5,501	4,909	4,794	4,712	4,900	4,891	4,950	4,557	4,651	4,782		
WASTE PAPER																
Consumption.....thous. sh. tons.....	'15,623	'16,670	1,390	1,380	1,419	1,408	1,349	1,432	1,380	1,485	1,437	1,500	1,474	1,453		
Inventories, end of period.....do.....	969	'832	851	877	948	878	932	781	769	755	775	752	773	797		
WOODPULP																
Production:																
Total.....thous. sh. tons.....	'54,147	'57,017	4,903	4,662	4,871	4,757	4,926	5,077	4,616	5,026	'4,879	'4,900	'4,971	5,111		
Dissolving pulp.....do.....	1,174	1,258	113	104	98	95	122	108	98	114	108	99	113	123		
Paper grades chemical pulp.....do.....	43,696	'46,081	3,961	3,763	3,942	3,854	3,997	4,108	3,750	4,077	'3,964	'3,981	'4,035	4,141		
Groundwood and thermo-mechanical.....do.....	5,251	'5,487	469	457	481	464	470	497	443	474	'450	'470	'468	484		
Semi-chemical.....do.....	4,027	'4,191	359	338	350	345	338	364	324	361	'357	'351	'355	364		
Inventories, end of period:																
At pulp mills:																
Own use woodpulp.....do.....	165	174	195	186	176	175	176	183	200	197	186	183	177	173		
Market pulp.....do.....	485	284	352	303	292	353	292	352	338	292	300	286	'276	281		
Market pulp at paper and board mills.....do.....	503	569	542	558	527	553	527	530	561	573	580	570	593	608		
Exports, all grades, total.....do.....	'3,794	'4,308	418	457	344	312	409	285	372	471	571	377	455	463	390	
Dissolving and special alpha.....do.....	631	711	63	83	61	53	66	53	65	83	59	52	1	65	62	
All other.....do.....	'3,161	'3,599	355	374	283	259	343	232	307	553	512	325	454	398	328	
Imports, all grades, total.....do.....	'4,466	'4,340	422	379	372	467	295	441	392	447	377	388	390	401	380	
Dissolving and special alpha.....do.....	117	148	18	18	12	7	11	5	12	12	11	1	10	2	14	

Units	Annual		1986						1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
PULP, PAPER, AND PAPER PRODUCTS—Continued																	
PAPER AND PAPER PRODUCTS																	
Paper and board:																	
Production (API):																	
Total.....thous. sh. tons..	'67,030	'70,861	6,114	5,872	6,180	5,878	5,929	6,226	5,769	6,285	6,071	'6,134	'6,139	'6,222	6,434	.....
Paper.....do	33,996	35,443	3,029	2,974	3,123	2,927	2,970	3,083	2,874	3,090	3,010	'3,023	'3,047	'3,066	3,139	.....
Paperboard.....do	33,034	35,419	3,085	2,898	3,057	2,950	2,959	3,144	2,895	3,194	3,061	3,111	3,092	'3,157	3,295	.....
Producer Price Indexes:																	
Paperboard.....1967=100	274.6	271.6	274.9	274.9	276.2	278.1	280.8	290.4	294.4	294.5	296.2	'295.2	'295.1	'296.3	300.7	308.5	
Building paper and board.....do	257.2	260.7	262.2	262.7	265.0	262.7	262.0	262.4	261.7	261.5	261.2	'262.9	'262.9	'266.5	268.8	271.3	
Selected types of paper (API):																	
Groundwood paper, uncoated:																	
Orders, new.....thous. sh. tons..	'1,477	'1,553	138	122	130	132	122	138	110	154	109	'119	'126	'128	134	.....
Orders, unfilled, end of period...do	106	124	149	141	132	129	131	125	108	127	116	'115	'124	'126	134	.....
Shipments.....do	'1,521	'1,540	126	132	137	134	124	135	127	138	120	'121	'120	'126	125	.....
Coated paper:																	
Orders, new.....do	'5,642	'6,334	562	549	555	507	515	553	524	527	561	630	651	'618	621	.....
Orders, unfilled, end of period...do	393	469	467	478	458	434	399	462	454	429	443	521	604	'645	657	.....
Shipments.....do	5,875	6,263	556	555	570	535	540	568	529	548	548	554	569	'581	591	.....
Uncoated free sheet papers:																	
Orders, new.....do	'9,704	'10,485	922	841	922	839	856	850	844	900	892	'902	'923	'947	992	.....
Shipments.....do	'9,952	'10,657	903	893	958	854	899	898	855	939	926	'912	'933	'948	959	.....
Unbleached kraft packaging and industrial converting papers:																	
Shipments.....thous. sh. tons..	'3,403	'3,303	277	274	272	263	271	280	260	274	265	233	247	241	243	.....
Tissue paper, production.....do	'4,941	'5,095	430	415	454	424	421	439	414	446	429	'443	'438	'433	453	.....
Newsprint:																	
Canada:																	
Production.....thous. metric tons..	8,988	9,289	780	744	808	782	783	794	765	848	808	816	806	791	826	.....
Shipments from mills.....do	8,996	9,302	790	840	816	743	815	750	756	847	818	815	857	779	785	.....
Inventory, end of period.....do	290	277	374	278	270	309	277	322	331	333	323	323	273	286	326	.....
United States:																	
Production.....do	4,924	5,108	441	420	426	429	428	445	400	431	420	454	444	455	452	.....
Shipments from mills.....do	4,927	5,115	444	437	436	426	440	427	402	442	428	452	451	452	449	.....
Inventory, end of period.....do	57	49	86	69	58	61	49	67	65	54	45	47	40	43	46	.....
Estimated consumption, all users ()																	
Publishers' stocks, end of period #	11,587	11,936	997	999	1,038	1,078	1,010	908	906	1,037	1,031	1,073	'996	'968	1,023	.....
thous. metric tons..	910	849	893	904	888	803	849	845	879	874	869	848	885	'931	912	.....
Imports.....thous. sh. tons..	8,472	8,589	760	668	726	791	594	781	696	759	740	761	776	741	708	.....
Producer Price Index, standard newsprint.....1967=100	332.5	326.1	322.2	322.3	333.6	333.8	333.6	340.5	342.8	342.2	342.7	343.1	343.1	355.8	367.1	369.2	
Paper products:																	
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area..	267,453	283,621	23,821	'24,491	27,132	21,406	22,030	24,708	22,704	24,755	25,591	23,637	25,620	25,341	24,977	25,925	

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. metric tons..	774.68	744.65	49.93	57.04	80.33	50.77	51.19	49.94	85.38	81.30	62.30	62.61	56.30	67.35	61.41	.....
Stocks, end of period.....do	95.17	33.52	86.39	91.57	75.26	78.23	38.51	76.67	78.78	70.24	80.20	79.49	79.00	82.47	77.01	.....
Imports, incl. latex and guayule	779.83	752.99	44.47	62.91	72.34	53.13	55.83	55.01	89.85	80.67	32.73	63.60	58.01	63.22	46.83	.....
thous. long tons..																.....
U.S. Import Price Index *.....12/83=100	71.9	77.0		76.7			79.2			80.2			86.1		91.7	.....
Synthetic rubber:																
Production.....thous. metric tons..	1,837.86	1,985.49	170.47	173.59	186.67	145.59	174.69	187.12	177.46	193.56	174.07	179.30	174.97	186.19	164.15	.....
Consumption.....do	1,801.76	1,872.50	168.54	160.60	177.51	145.77	155.71	162.80	166.12	182.78	160.53	163.09	'157.92	'161.88	163.56	.....
Stocks, end of period.....do	213.87	216.91	233.40	236.47	231.14	224.58	235.61	247.01	249.44	242.62	240.34	242.21	'241.65	'251.86	240.55	.....
Exports (Bu. of Census).....thous. lg. tons..	306.94	338.85	31.77	34.24	30.39	27.78	27.04	31.91	32.69	35.49	36.48	38.79	36.34	33.56	32.75	.....
TIRES AND TUBES																
Pneumatic casings:																
Production.....thous.....	'196,923	'190,289	16,112	16,540	18,180	15,144	15,183	16,879	16,593	17,733	16,680	16,982	16,548	15,796	16,723	.....
Shipments, total.....do	242,050	225,163	21,244	22,025	23,418	19,842	18,078	18,888	18,501	20,786	21,030	20,981	23,829	20,812	20,656	.....
Original equipment.....do	62,537	57,121	4,532	5,359	5,695	4,656	4,268	5,481	5,493	6,019	5,408	5,400	5,145	3,605	4,316	.....
Replacement equipment.....do	173,553	174,205	16,252	16,142	17,205	14,743	13,356	12,917	12,351	14,182	15,032	14,949	17,983	16,531	15,683	.....
Exports.....do	5,960	5,334	460	524	518	443	454	490	657	585	590	632	701	676	657	.....
Stocks, end of period.....do	39,823	34,286	36,836	34,890	34,130	33,681	34,236	36,323	38,341	40,673	39,962	40,312	37,872	37,344	37,501	.....
Exports (Bu. of Census).....do	5,627	5,202	484	442	620	477	451	111	144	895	746	762	844	745	793	.....
Inner tubes:																
Exports (Bu. of Census).....do	1,123	809	64	60	61	109	42	64	107	190	120	250	149	109	102	.....

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984															
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cement.....thous. bbl.	445,144	470,500	46,585	45,926	49,053	35,085	30,723	25,532	24,888	34,096	41,495	43,197	47,835	49,282	45,638	
CLAY CONSTRUCTION PRODUCTS																
Shipments: †																
Brick, unglazed (common and face) mil. standard brick ..	6,833.7	7,401.9	691.8	687.4	717.5	537.5	467.5	431.2	443.5	590.9	654.2	651.8	700.1	721.0	667.7	
Structural tile, except facing.....thous. sh. tons..	72.8	108.4	11.1	14.3	12.8	9.7	9.2	3.8	6.4	4.7	4.5	11.5	16.9	16.5	15.9	
Sewer pipe and fittings, vitrified.....do	436.7	323.6	31.8	32.4	33.8	25.3	18.5	19.3	17.5	24.9	25.0	33.1	31.4	31.6	32.2	
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft..	393.5	505.0	42.6	44.9	49.7	40.8	46.6	36.9	36.1	41.5	40.6	35.7	39.4	36.5	38.6	
Producer Price Index, brick and structural clay tile * ..12/84=100 ..	101.4	105.2	105.6	105.8	105.8	105.1	105.0	106.6	107.4	107.6	108.1	108.5	108.9	108.8	108.6	108.6
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$.	1,174,380	1,259,746		330,318			330,868			331,669			358,044			
Glass containers: †																
Production.....thous. gross..	273,695	289,253	25,780	23,453	25,442	22,309	17,697	23,155	22,916	25,701	24,963	25,523	26,007	25,485	25,237	
Shipments, total.....do	272,821	283,057	24,899	23,459	24,108	20,618	20,137	21,962	21,794	24,810	25,414	25,308	26,867	26,110	24,908	
Narrow-neck containers:																
Food.....do	23,770	25,266	2,592	2,332	1,898	1,750	1,623	2,298	2,220	2,871	2,711	2,783	2,980	2,846	2,578	
Beverage.....do	60,085	59,885	5,293	4,687	4,796	3,988	4,080	4,174	5,353	4,174	5,353	6,196	6,471	5,950	5,962	
Beer.....do	83,777	86,922	7,235	6,965	7,169	6,207	6,340	6,903	6,477	7,353	7,372	7,507	7,740	8,161	7,542	
Liquor and wine.....do	25,975	27,856	2,578	2,016	2,251	2,033	2,039	1,965	2,133	2,409	2,800	2,429	3,155	2,479	2,135	
Wide-mouth containers:																
Food and dairy products.....do	59,935	62,795	5,668	5,726	6,077	5,171	4,810	5,179	5,115	5,204	5,146	5,039	5,399	5,368	5,507	
Narrow-neck and wide-mouth containers:																
Medicinal and toilet.....do	17,322	18,843	1,454	1,628	1,800	1,343	1,140	1,453	1,470	1,465	1,343	1,258	1,038	1,220	1,060	
Chemical, household, and industrial.....do	1,957	1,490	79	105	117	126	100	116	205	155	129	96	84	86	124	
Stocks, end of period.....do	38,843	39,912	41,476	40,601	41,920	42,485	39,912	40,889	42,042	42,905	42,417	42,580	41,820	40,919	42,448	
GYPSUM AND PRODUCTS																
Production:																
Crude gypsum (exc. byproduct).....thous. sh. tons..	14,784	16,227	1,382	1,375	1,463	1,311	1,241	1,717	1,099	1,156	1,261	1,240				
Calcined.....do	17,135	17,538	1,531	1,625	1,489	1,361	1,441	1,375	1,301	1,376	1,508	1,421				
Imports, crude gypsum.....do	9,922	9,559	1,009	882	707	936	544	781	630	688	833	987				
Sales of gypsum products:																
Uncalcined:																
Calcined:	4,386	3,359	338	297	296	299	236	201	155	163	242	336				
Industrial plasters.....do	544	259	13	14	16	14	11	13	11	12	14	10				
Building plasters, total (incl. Keene's cement).....do	214	260	25	24	25	18	18	20	20	23	24	19				
Board products, total.....mil. sq. ft..																
Lath.....do	19,431	20,411	1,757	1,795	1,952	1,618	1,592	1,624	1,612	1,786	1,872	1,602				
Veneer base.....do	432	475	41	43	45	36	36	35	37	43	45	41				
Gypsum sheathing.....do	328	323	26	27	26	25	21	24	22	26	26	25				
Regular gypsum board.....do	11,631	12,343	1,060	1,098	1,198	1,006	985	988	996	1,103	1,147	977				
Type X gypsum board.....do	5,507	5,781	499	500	538	441	445	458	448	489	507	435				
Predecorated wallboard.....do	128	123	10	10	11	9	10	9	8	10	10	8				
5/8 mobile home board.....do	853	751	68	64	76	52	44	57	47	59	79	64				
Water/moisture resistant board **.....do	523	591	51	52	57	48	49	50	53	57	50	50				

TEXTILE PRODUCTS

FABRIC																
Woven fabric, finishing plants:																
Production (finished fabric).....mil. linear yd..																
Cotton.....do	6,788	6,796	531	532	570	551	572									
Manmade fiber and silk fabrics.....do	2,499	2,522	192	196	270	202	184									
Inventories held at end of period.....do	4,287	4,271	339	336	437	349	288									
Cotton:																
Cotton.....do	535	504	559	554	550	527	504									
Manmade fiber and silk fabrics.....do	193	211	205	208	209	207	211									
Backlog of finishing orders.....do	342	293	354	347	342	320	293									
Cotton:																
Cotton.....do			516	529	538	492	442									
Manmade fiber and silk fabrics.....do			182	190	190	176	164									
COTTON AND MANUFACTURES																
Cotton (excluding linters):																
Production:																
Ginnings.....thous. running bales ..	12,988	9,438	624	2,407	5,292	7,491	8,588									3,197
Crop estimate.....thous. net weight bales \$..	13,432	9,731													12,907	12,846
Consumption.....thous. running bales..	5,268	6,566	534	523	683	529	576	546	562	734	573	586	708	540	606	762
Stocks in the United States, total, end of period #.....thous. running bales..																
Domestic cotton, total.....do	13,682	13,416	18,113	16,704	15,366	14,639	13,416	12,409	11,153	9,553	8,559	7,336	6,577	4,787	16,263	
On farms and in transit.....do	13,682	13,416	18,112	16,703	15,366	14,639	13,416	12,409	11,153	9,553	8,559	7,336	6,577	4,787	16,263	
Public storage and compresses.....do	2,374	2,540	1,049	8,119	5,286	3,913	2,540	1,827	1,392	931	1,016	1,256	1,097	300	12,376	
Consuming establishments.....do	10,696	10,252	7,393	7,996	9,519	10,148	10,252	9,942	9,033	7,894	6,832	5,870	4,807	3,809	3,289	
	612	624	670	588	561	578	624	640	728	728	711	710	673	678	648	

See footnotes at end of tables.

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TEXTILE PRODUCTS—Continued																
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports.....thous. running bales..	4,756	5,666	261	346	314	529	3,149	429	499	595	529	512	422	400	395	
Imports.....thous. net-weight bales \$..	46	7	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
Price(farm), American upland \$.....cents per lb.	*56.8	51.0	46.2	47.9	47.1	56.8	54.5	*51.0	*47.7	*50.0	*52.6	*64.8	*71.5	*71.7	65.3	*65.3
Price, Strict Low Middling, Grade 41, staple 34 (1 1/8"), average 10 markets.....cents per lb..	*60.5	*60.0	26.8	33.6	44.0	45.7	54.2	57.2	54.8	54.6	57.7	65.9	70.4	73.1	75.9	71.4
Spindle activity (cotton system spindles):																
Active spindles, last working day, total.....mil.	12.5	11.8	11.8	11.9	11.9	11.8	11.8	11.9	11.9	11.9	11.8	11.9	*11.7	11.7		
Consuming 100 percent cotton.....do....	4.7	4.6	4.5	4.6	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.6	4.6		
Spindle hours operated, all fibers, total.....bil.	75.5	81.5	6.3	6.4	*8.1	6.4	*7.0	6.4	6.8	*8.8	6.6	6.5	*7.8	5.8		
Average per working day.....do....	290	309	314	320	325	319	279	321	342	343	331	323	*310	292		
Consuming 100 percent cotton.....do....	27.4	29.2	2.3	2.3	*3.1	2.4	*2.6	2.4	2.5	*3.2	2.5	2.6	*3.0	2.3		
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. sq. yd..	3,921	*4,364		986			963			*1,163			1,217			
Orders, unfilled, end of period, compared with average weekly production	9.6															
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.	4.5															
Ratio of stocks to unfilled orders (at cotton mills), end of period.....do....	47															
Exports, raw cotton equivalent thous. net-weight bales \$..	220.5	293.6	30.1	26.2	26.1	28.2	30.0	20.2	27.5	25.4	21.7	20.3	22.1	19.0		
Imports, raw cotton equivalent.....do....	1,024.9	1,322.2	109.6	100.2	98.8	96.3	107.9	119.9	142.1	136.4	119.6	119.3	140.4	143.3		
Producer Price Index, gray cotton broadwovens.....12/75=100..	155.6	154.3	154.1	154.6	154.3	155.0	154.4	155.3	155.4	155.5	156.3	*157.1	157.5	163.5	158.5	163.5
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Acetate filament yarn.....mil. lb.	204.6	214.8		54.1			51.7			46.2			46.7			
Rayon staple, including tow.....do....	352.7	403.7		103.4			105.5			101.3			100.5			
Noncellulosic, except textile glass: Yarn and monofilaments.....do....	3,790.2	3,836.7		943.3			1,004.7			957.6			1,014.7			
Staple, incl. tow.....do....	3,773.3	3,991.8		1,000.9			1,038.7			1,069.6			1,108.6			
Textile glass fiber.....do....																
Fiber stocks, producers', end of period:																
Acetate filament yarn.....mil. lb.	12.3	14.8		14.0			14.8			16.3			14.0			
Rayon staple, including tow.....do....	22.5	22.4		21.5			22.4			23.8			25.1			
Noncellulosic fiber, except textile glass: Yarn and monofilaments.....do....	292.5	306.6		297.4			306.6			295.4			290.3			
Staple, incl. tow.....do....	311.8	326.4		308.5			326.4			319.8			333.2			
Textile glass fiber.....do....																
Manmade fiber and silk broadwoven fabrics:																
Production(qtrly.), total #.....mil. sq. yd..	10,796.6															
Filament yarn (100%) fabrics #.....do....	4,754.9															
Chiefly rayon and/or acetate fabrics.....do....																
Chiefly nylon fabrics.....do....	371.8															
Spun yarn (100%) fabrics #.....do....	4,908.1															
Rayon and/or acetate fabrics, blends.....do....	36.5															
Polyester blends with cotton.....do....	3,844.0															
Acetate filament and spun yarn fabrics.....do....	866.6															
Producer Price Index, gray synthetic broadwovens.....12/75=100..	147.2	146.3	145.9	144.1	145.1	145.0	145.1	146.4	146.4	146.9	148.5	*149.3	151.1	154.0	154.4	156.1
Manmade fiber textile trade:																
Exports, manmade fiber equivalent.....mil. lbs..	449.16	519.31	41.44	43.16	43.84	48.12	52.42	38.01	45.03	51.46	54.20	52.70	52.23	42.61		
Yarn, tops, thread, cloth.....do....	206.29	228.77	18.07	18.16	19.44	21.71	18.88	16.67	19.61	22.00	24.22	24.09	23.45	17.22		
Cloth, woven.....do....	124.87	134.58	11.47	12.04	11.42	13.14	10.70	8.12	12.17	13.58	15.24	12.76	14.73	9.31		
Manufactured prods., apparel, furnishings.....do....	243.86	290.53	23.37	25.00	24.41	26.41	33.54	21.34	25.42	29.46	29.98	28.61	28.78	25.40		
Imports, manmade fiber equivalent.....do....	1,491.03	1,702.95	162.82	135.95	135.27	134.26	118.27	136.77	149.87	137.73	148.14	161.99	178.33	190.72		
Yarn, tops, thread, cloth.....do....	268.06	306.15	26.63	20.15	19.51	22.49	21.53	20.86	21.86	21.88	24.43	26.92	27.10	26.94		
Cloth, woven.....do....	186.20	207.18	17.72	13.42	13.27	13.88	13.85	13.98	14.08	14.53	15.75	17.68	16.81	17.54		
Manufactured products, apparel, furnishings.....do....	1,222.97	1,396.81	136.19	115.80	115.76	111.78	96.74	115.91	128.01	115.84	123.71	135.07	151.23	163.77		
Apparel, total.....do....	799.90	929.36	99.80	79.88	77.70	67.94	58.64	81.67	86.55	75.47	80.85	91.75	104.58	116.64		
Knit apparel.....do....	341.17	431.18	52.41	40.77	39.82	27.75	20.36	30.04	34.18	31.18	37.82	47.37	53.96	62.10		
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.	106.1	126.8	9.4	9.4	*11.1	9.3	*10.1	12.4	11.5	*14.1	11.3	13.6	9.7			
Carpet class.....do....	10.6	10.0	1.0	.9	*1.0	.7	*.5	.7	.8	*1.3	1.2	.9	1.2			
Wool imports, clean yield.....do....	79.5	97.0	6.3	7.0	5.0	9.2	10.8	8.6	8.2	9.5	8.7	13.4	8.9	8.6	8.4	
Duty-free.....do....	29.3	30.9	3.0	2.8	1.8	3.3	3.3	1.5	1.6	2.7	2.2	3.8	3.1	3.7	3.2	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2 3/4" and up.....dollars per lb..	1.92	1.91	1.90	1.90	1.90	1.90	1.90	1.93	2.02	2.16	2.60	2.70	2.70	2.70	3.00	2.95
Australian, 64's, Type 62, duty-paid.....do....	2.29	2.36	2.29	2.24	2.30	2.40	2.50	2.52	2.59	2.88	3.25	3.27	3.35	3.32	3.73	3.41
Wool broadwoven goods, exc. felts:																
Production (qtrly.).....mil. sq. yd..	138.3	134.1		27.3			30.2			*48.0			48.1			
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds..	1,159.2	1,254.2														
APPAREL																
Women's, misses', juniors' apparel cuttings:																
Coats.....thous. units..	10,540	8,959	973	1,131	1,135	649	396									
Dresses.....do....	152,060	131,924	9,061	9,487	10,099	9,240	9,787									
Suits (incl. pant suits, jumpsuits).....do....	10,986															
Skirts.....do....	93,577	89,769	7,112	7,332	6,904	5,676	5,507									
Slacks, jeans, dungarees, and jean-cut casual slacks *.....do....	242,442	219,716	17,078	18,449	18,513	15,599	16,592									
Blouses.....thous. dozen..	31,234	29,575	2,432	2,804	2,623	2,177	2,159									

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984

Units	Annual		1986					1987								
	1985	1986	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TEXTILE PRODUCTS—Continued																
APPAREL—Continued																
Men's apparel cuttings:																
Suits.....thous. units.....	12,403	10,552	796	870	988	858	800									
Coats (separate), dress and sport.....do.....	19,794	19,794	1,768	1,990	2,082	1,715	1,458									
Trousers (separate), dress.....do.....	116,413	112,612	9,231	9,836	9,883	8,910	8,499									
Slacks (jean cut), casual.....do.....	186,355	180,811	14,039	15,512	16,168	14,586	16,621									
Shirts, dress and sport.....thous. doz.....	40,363	48,028	3,993	4,374	4,867	3,925	3,415									
Hosiery, shipments.....thous. doz. pairs.....	308,660	313,244	25,029	23,817	30,818	29,989	24,190	24,438	24,728	28,120	27,702	25,297	24,363	27,509	24,060	
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly, total.....mil. \$.....	\$110,968	110,836														
U.S. Government.....do.....	\$70,240	68,001														
Prime contract.....do.....	\$108,433	106,686														
Sales (net), receipts, or billings, quarterly, total.....do.....	\$100,522	105,577														
U.S. Government.....do.....	\$63,532	65,326														
Backlog of orders, end of period #.....do.....	\$142,953	148,212														
U.S. Government.....do.....	\$92,334	95,009														
Aircraft (complete) and parts.....do.....	\$62,553	62,032														
Engines (aircraft) and parts.....do.....	\$13,638	14,359														
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$.....	\$21,410	24,320														
Other related operations (conversions, modifications), products, services.....mil. \$.....	\$17,676	17,422														
Aircraft (complete), Shipments ↑.....do.....	10,939.9	12,518.0	973.3	795.0	1,075.3	1,127.3	1,617.9	575.0	830.7	1,415.0	1,133.3	895.2	1,042.4	1,131.2	682.5	
Airframe weight ↑.....thous. lb.....	40,872	(*)														
Exports, commercial.....mil. \$.....	6,252	7,207	578	493	882	476	668	309	643	884	683	439	346	937	390	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants):																
Total.....thous.....	8,002	7,516	426	637	684	556	561	*617	691	741	660	626	665	373	377	(*)
Domestic.....do.....	7,337	6,869	401	581	627	509	522	*585	634	675	601	563	595	349	355	
Retail sales, total, not seas. adj.....do.....	11,039	11,450	952	1,217	906	783	992	626	781	936	938	887	943	913	968	*905
Domestics \$.....do.....	8,205	8,215	673	925	633	521	673	428	558	683	694	622	657	611	654	613
Imports \$.....do.....	2,834	3,235	279	292	273	262	319	198	223	252	244	264	286	302	314	*292
Total, seas. adj. at annual rate.....mil.....		12.5	15.6	10.3	10.6	13.0	8.1	10.2	10.3	10.5	9.6	*10.0	10.5	12.4	8.7	*11.7
Domestics \$.....do.....		9.2	11.8	7.0	7.2	9.2	5.6	7.2	7.4	7.4	6.7	*7.0	7.2	8.7	8.0	
Imports \$.....do.....		3.3	3.8	3.3	3.4	3.8	2.5	3.0	2.9	3.0	3.0	*3.1	3.3	3.7	3.8	
Retail inventories, domestics, end of period: \$																
Not seasonally adjusted.....thous.....	1,630	1,499	1,557	1,293	1,413	1,587	1,499	1,726	1,861	1,936	1,904	1,903	1,900	1,657	1,498	1,396
Seasonally adjusted.....do.....	1,603	1,457	1,646	1,328	1,435	1,504	1,457	1,629	1,737	1,798	1,778	1,812	*1,796	1,634	*1,469	1,364
Inventory-retail sales ratio, domestics \$.....	2.3	2.1	2.2	1.4	2.4	2.5	1.9	3.5	2.9	2.9	2.9	3.3	*3.1	2.7	2.0	2.1
Exports (BuCensus), total.....do.....	701.16	669.46	20.62	59.52	50.50	54.20	42.81	32.43	60.12	57.33	59.61	64.52	77.14	25.31	31.58	
To Canada.....do.....	677.19	639.67	18.97	59.01	45.95	49.95	40.26	28.28	55.57	52.36	53.91	58.36	72.45	20.14	29.11	
Imports (ITC), complete units.....do.....	4,394.9	4,691.3	328.9	322.5	393.1	466.1	365.2	322.9	379.3	346.1	367.7	419.8	435.2	393.1	342.7	
From Canada, total.....do.....	1,146.3	1,162.2	60.0	97.5	104.4	120.7	96.0	75.9	97.7	90.3	76.3	76.4	89.0	*51.8	34.8	
Registrations ◊, total new vehicles.....do.....	*10,889	*11,140	*925	1,149	948	719	902	800	671	829	895	830	963	899	903	
Imports, including domestically sponsored.....do.....	*3,011	*3,444	*310	317	301	263	324	293	214	262	286	273	334	340	339	
Trucks and buses:																
Factory sales (from U.S. plants):																
Total.....do.....	3,357	3,393	264	313	306	246	250	*299	314	351	335	335	334	261	305	(*)
Domestic.....do.....	3,126	3,130	247	295	279	224	230	*277	290	323	305	304	304	243	287	
Retail sales, domestics: *																
Total, not seasonally adjusted.....do.....	3,913.2	*3,947.2	320.8	430.9	296.5	260.8	347.8	238.9	304.7	369.8	366.8	353.4	402.3	367.8	349.8	328.7
0-10,000 lbs. GVW.....do.....	3,618.3	3,671.3	299.1	407.9	271.9	241.5	322.1	219.2	284.3	343.7	338.5	327.7	375.7	341.5	324.5	302.7
10,001 lbs. GVW and over.....do.....	294.8	*275.8	21.6	23.1	24.7	19.3	25.7	19.7	20.4	26.0	28.2	25.8	26.6	26.3	25.3	26.0
Total, seasonally adjusted.....do.....			394.3	451.2	295.3	287.8	341.3	*266.6	329.5	330.1	329.8	326.6	365.3	354.5	416.5	336.5
0-10,000 lbs. GVW.....do.....			371.4	428.7	272.8	263.6	316.7	*244.3	305.3	304.8	304.7	301.2	341.6	330.8	389.6	311.3
10,001 lbs. GVW and over.....do.....			22.9	22.5	23.0	24.2	24.7	*21.8	24.3	25.3	25.2	25.4	24.2	23.7	26.8	25.2
Retail inventories, including captive imports, end of period:																
Not seasonally adjusted.....do.....	827.6	839.4	923.3	840.8	881.6	905.2	839.4	942.5	996.1	1,026.7	1,030.8	1,040.4	1,006.1	907.9	902.0	921.1
Seasonally adjusted @.....do.....	850.4	861.5	976.5	874.9	893.2	884.3	861.5	*917.2	956.6	991.7	991.7	1,010.4	987.1	990.4	953.6	959.2
Exports (BuCensus).....do.....	185.27	209.06	7.18	23.28	19.44	15.47	11.48	17.97	16.08	16.91	18.62	22.43	23.96	14.68	12.95	
Imports (BuCensus), including separate chassis and bodies.....thous.....	1,472.51	1,572.35	147.16	94.92	108.47	128.67	90.16	98.25	124.92	151.15	142.22	*126.09	123.32	114.70	91.66	
Registrations ◊, new vehicles, excluding buses not produced on truck chassis.....thous.....	*4,675	*4,801	*406	483	415	320	396	356	326	410	434	403	485	455	424	
Truck trailers and chassis, complete (excludes detachables), shipments ↑↑.....number.....																
Van type ↑↑.....do.....	179,808	169,269	14,600	15,452	14,526	12,154	13,927	12,514	14,204	16,279	16,474	16,161	17,290	*17,246	16,885	
Trailer bodies (detachable), sold separately ↑↑.....do.....	126,668	122,045	10,966	11,753	10,574	8,757	9,767	9,111	9,997	11,241	11,350	11,088	11,864	*10,322	11,548	
Trailer chassis (detachable), sold separately ↑↑.....do.....	252	417	26	23	23	12	12	39	26	20	52	33	41	48	52	
Trailer chassis (detachable), sold separately ↑↑.....do.....	28,876	15,046	1,196	1,212	1,454	1,281	1,437	527	803	585	977	624	606	615	550	
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number.....	*12,080	11,508	1,161	1,134	1,132	886	1,954						3,198			3,848
Equipment manufacturers.....do.....	*11,674	11,508	1,161	1,134	1,132	886	1,954						3,198			3,848
New orders.....do.....	*9,510	12,426	1,081	1,096	723	668	1,594						4,780			3,951
Equipment manufacturers.....do.....	*9,510	12,426	1,081	1,096	723	668	1,594						4,780			3,951
Unfilled orders, end of period.....do.....	1,759	2,677	3,702	3,664	3,255	3,037	2,677						5,432			5,535
Equipment manufacturers.....do.....	1,759	2,677	3,702	3,664	3,255	3,037	2,677						5,432			5,535
Freight cars (revenue), class I railroads(AAR): ‡																
Number owned, end of period.....thous.....	867	799	822	817	811	808	799	795	792	781	779	774	771	764	763	
Capacity (carrying), total, end of month.....mil. tons.....	72.17	67.20	68.71	68.36	68.04	67.90	67.20	66.96	66.69	65.89	65.76	65.42	65.19	64.72	64.65	
Average per car.....tons.....	83.23	84.14	83.60	83.72	83.94	84.03	84.14	84.18	84.25	84.35	84.45	84.51	84.57	84.68	84.73	

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.

Page S-1

† Revised series. The estimates of personal income have been revised as a part of the annual revisions of the national income and product accounts (NIPA's) released in July 1986 and July 1987 and as part of the comprehensive revision of the NIPA's released in 1985. Articles describing those revisions appear in the July 1987, July 1986, and December 1985 issues of the SURVEY. See tables 2.6-2.9 in the July 1987 SURVEY for revised estimates for 1984-86. For 1983 estimates, see the July 1986 SURVEY. Pre-1983 estimates appear in *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables*. For order information see the box at the beginning of the National Income and Product Accounts Tables in this issue of the SURVEY.

‡ 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 with Sept. 1986 SURVEY, the industrial production index has been revised back to Jan. 1984. These revisions are available upon request.

Includes data not shown separately.

‡ Effective April 1987 SURVEY, data have been revised, in some cases, back to January 1982. Revised data appear in the report "Manufacturing and Trade Inventories and Sales" CB-87-69 available from the Bureau of the Census.

§ Revised series. Data for inventories are available from 1959; sales and ratios 1967 forward. Revisions are available upon request.

Page S-3

Includes data for items not shown separately.

‡ See note "‡" for p. S-2.

§ See note "§" for p. S-2.

† Revised series. Data have been revised back to 1982. A detailed description of the changes appear in the report "Manufacturers' Shipments, Inventories, and Orders: 1982-86" M3-1(86), available from the Bureau of the Census, Washington, DC 20233.

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

1. Based on unadjusted data.

@ Compiled by Dun & Bradstreet, Inc. Monthly data from 1984 to 1985 for failures and liabilities, are available upon request, but are not comparable to the earlier years. The failure annual rate data will be available at a later date.

Includes data for items not shown separately.

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

‡ See note "‡" for p. S-4.

† Effective with the July 1986 SURVEY, data (back to 1983, for some commodities) have been revised. Effective with the Feb. 1987 SURVEY, data (back to 1984, for some commodities) have been revised. Effective with the July 1987 SURVEY, data (back to 1980, for some commodities) have been revised. These revisions are available upon request.

◇ See note "◇" for p. S-6.

†† See note "††" for p. S-3.

Page S-6

§ 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.

† Beginning with January 1987 data, the consumer price indexes are being calculated on a revised basis, using 1982-84 expenditure patterns and updated population weights. Additional information regarding the revised basis is available from the Bureau of Labor Statistics, Washington, DC 20212. Seasonally adjusted data have been revised as follows: back to 1981, effective with the Feb. 1986 SURVEY and back to 1982, effective with the Mar. 1987 SURVEY. These revisions are available upon request.

‡ Effective with the Feb. 1986 SURVEY, data back to 1981 have been revised. Effective with the Feb. 1987 SURVEY, data back to 1982 have been revised. These revisions are available upon request.

Page S-7

1. Computed from cumulative valuation total.

2. Index as of Oct. 1, 1987: building, 380.2; construction, 413.0.

Includes data for items not shown separately.

* New series effective Aug. 1987 SURVEY. Data are not directly comparable to *Engineering News-Record's* discontinued New Plans series, because of different minimum project values. Data are available back to Jan. 1986. Data for Oct. 1986, and Jan., April and July 1987 are for five weeks; other months four weeks.

◇ Effective Feb. 1987 SURVEY, data for seasonally adjusted housing starts have been revised back to 1984. Effective Feb. 1986 SURVEY, data for seasonally adjusted housing starts have been revised back to 1983. These revisions are available upon request.

† Effective May 1987 SURVEY, data for seasonally adjusted building permits have been revised back to Jan. 1985. Effective May 1986 SURVEY, data for seasonally adjusted building permits have been revised back to Jan. 1984. These revisions are available upon request.

@ Effective July 1987 SURVEY, data have been revised back to 1974. Effective July 1986 SURVEY, data have been revised back to 1964. In addition to the normal revisions, a number of important changes have been made, which are explained in the Census Bureau's Construction Reports, C30-87-5, and Construction Reports, C30-86-5. Revised data for the most current years appear in these publications, with historical data for earlier years available from the Construction Statistics Division at the Bureau of the Census, Washington, DC 20233.

‡ Effective July 1986 SURVEY, this index has been revised to a new comparison base of 1982=100. Revisions back to 1964 are available upon request.

Page S-8

1. Advance estimate.

◇ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-14.

§ Data include guaranteed direct loans sold.

† Effective April 1987 SURVEY, wholesale trade data have been revised back to Jan. 1980. Revised data and a summary of changes appear in the report *Revised Monthly Wholesale Trade Sales and Inventories* BW-13-86S, available from the Bureau of the Census, Washington, DC 20233; \$1.25 per copy.

‡ Effective May 1987 SURVEY, retail trade data have been revised. Estimates of retail sales have been revised back to Jan. 1977 and estimates of retail inventories have been revised back to Jan. 1980. Revised data and a summary of changes appear in the report *Revised Monthly Retail Sales and Inventories* BR-13-86S, available from the Bureau of the Census, Washington, DC 20233; \$4.50 per copy.

Includes data for items not shown separately.

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

Page S-9

-1. Advance estimate.

2. Data beginning Jan. 1986 are not strictly comparable with earlier data because of a change in estimation procedures.

‡ See note "‡" for p. S-8.

Includes data for items not shown separately.

◇ Effective with the January 1987 SURVEY, the seasonally adjusted labor force series have been revised back to January 1982. The January 1987 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 1982-86 revision period are in the February 1987 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.

Page S-10

◇ See note "◇" for p. S-9.

§ Effective June 1987 SURVEY, data have been revised back to April 1985 (not seasonally adjusted) and January 1982 (seasonally adjusted) to reflect new benchmarks and seasonal adjustment factors. The June 1987 issue of *Employment and Earnings* will contain a detailed discussion of the effects of the revisions.

Page S-11

‡ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

◇ Production and nonsupervisory workers.

§ See note "§" for p. S-10.

Page S-12

1. This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision. Use the corresponding unadjusted series.

§ 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.

§§ Wages as of Oct. 1, 1987: Common, \$17.05; Skilled, \$22.42.

@ New series. The Employment Cost Index (ECI) is a quarterly measure of the average change in the cost of employing labor. See p. S-36 of the August through October 1984 issues of the SURVEY for a brief description of the ECI.

† Excludes farm, household, and Federal workers.

‡‡ See note "‡" for p. S-11.

Page S-13

1. Average for Dec.

2. Reported annual; monthly revisions are not available.

‡ Effective January 1984, series revised due to changes in the reporting panel and in the item contents. The new panel includes 168 banks that had domestic office assets exceeding \$1.4 billion as of December 31, 1982. Beginning Jan. 1985, data are as of the last Wednesday of the month. Earlier data are as of the Wednesday nearest the end of the month or year (meaning some data are as of the first Wednesday of the next month).

Includes data for items not shown separately.

‡‡ Reflects offsetting changes in classification of deposits of thrift institutions. Deposits of thrifts were formerly grouped with deposits of individuals, partnerships, and corporations, instead of with deposits of commercial banks in the United States.

* "Transaction balances other than demand deposits" consists of ATS, NOW, super NOW, and telephone transfer accounts, which formerly were classified with savings deposits. "Nontransaction balances" reflects the combination of deposits formerly reported separately as time deposits and the savings deposits remaining after deduction of the items now reported separately under "transaction balances."

§ 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).

◇ Securities of Federal agencies and corporations have been shifted out of "other securities" and are now combined with U.S. Treasury securities. Also, loan obligations of States and political subdivisions have been shifted out of "other securities" and are now shown separately among the loan items.

@ Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data.

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

† Beginning with October 1984 data, the number of respondents in the bankers acceptance survey was reduced from 340 to 160 institutions, those with \$50 million or more in total acceptances. The new reporting group accounts for over 95 percent of total acceptances activity. Historical data are available upon request.

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

Page S-14

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

2. Weighted by number of loans.

3. Effective Sept. 1987 SURVEY, the outlays for the Federal Deposit Insurance Corporation have been adjusted by \$442 million for 1986 and \$158 million for 1987 to reflect Federal Deposit Insurance Corporation debentures issued in lieu of cash and not reported previously as outlays.

† Effective with Mar. 1987 SURVEY, the consumer installment credit series have been revised for the period 1980 through 1986 to reflect updated seasonal adjustment factors and newly available historical information for depository institutions, finance companies, and retailers. Effective with Apr. 1986 SURVEY, the consumer installment credit series have been revised for the period 1975 through 1985.

* New series. Effective with Apr. 1986 SURVEY, data for savings institutions (includes savings and loan associations, mutual savings banks, and federal savings banks) are shown for the first time.

Includes data for items not shown separately.

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

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

‡‡ Courtesy of *Metals Week*.

@@ Average effective rate

§ Effective May 1987 SURVEY, data have been revised back to Dec. 1972 and are available from the Banking Section, Division of Research and Statistics, Board of Governors of the Federal Reserve System, Washington, D.C. 20551.

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

Page S-15

† Effective Feb. 1987 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.

‡ Composition of the money stock measures is as follows:

M1.—This measure is currency plus demand deposits at commercial banks and interest-earning checkable deposits at all depository institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as well as a small amount of demand deposits at thrift institutions that cannot, using present data sources, be separated from interest-earning checkable deposits.

M2.—This measure adds to M1 overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodollars (those issued by Caribbean branches of member banks) held by U.S. nonbank residents, money market mutual fund shares, and savings and small-denomination time deposits (those issued in denominations of less than \$100,000) at all depository institutions. Depository institutions are commercial banks (including U.S. agencies and branches of foreign banks, Edge Act corporations, and foreign investment companies), mutual savings banks, savings and loan associations, and credit unions.

M3.—This measure equals M2 plus large-denomination time deposits (those issued in denominations of \$100,000 or more) at all depository institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan associations.

L.—This broad measure of liquid assets equals M3 plus other liquid assets consisting of other Eurodollar holdings of U.S. nonbank residents, bankers acceptances, commercial paper, savings bonds, and marketable liquid Treasury obligations.

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

◇ Overnight (and continuing contract) RP's are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.

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

Includes data for items not shown separately.

§ Number of issues represents number currently used; the change in number does not affect the continuity of the series.

Page S-16

1. Effective with Jan. 1986 data, the practice of adjusting exports and imports for seasonal and working-day variations was discontinued.

2. Effective Aug. 1987 SURVEY, adjustments for undocumented U.S. exports to Canada have been made for the months of Jan. to June 1987 and calendar years 1970 to 1986.

§ 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.

@ Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the component items.

† Effective April 22, 1987, "New York City banks" are classified as "money center banks," and "outside N.Y.C. banks" are classified as "major regional banks." Two banks formerly in "outside N.Y.C. banks" were transferred to "money center banks." In addition three substitutions were made in "major regional banks."

* New series. See note on p. S-36 of the May SURVEY. Historical data are available upon request.

Page S-17

1. See note 1 for p. S-16.

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

Includes data not shown separately.

§ Data may not equal the sum of geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the components.

Page S-18

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

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

3. For month shown.

Includes data for items not shown separately.

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

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

‡ The threshold for Class 1 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 revisions are not available.
 2. For month shown.
 3. Less than 500 short tons.
- # Includes data for items not shown separately.
 § Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
 * New series. Access lines are a communication circuit that connects a customer location to a switching center.
 @ Because of deregulation, carriers are free to enter both domestic and international markets. Previously, carriers were limited either to domestic or overseas markets. Separate data for domestic or overseas are no longer available.
 ‡ Data for 1984 (and for some commodities, 1985 and 1983) have been revised and are available upon request.
 † Effective with 1985, data are reported on the basis of 100 percent content of ethyl acetate material.
 ◇ 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. Data are no longer available.
- § Data are not wholly comparable from year to year because of changes from one classification to another.
 ◇ Data for 1982-85 have been revised and are available upon request.
 † Data for 1983-85 have been revised and are available upon request.
 # Effective with the Sept. 1985 SURVEY, monthly data have been restated back to Jan. 1984 to include consumption for Hawaii. Prior to 1984, consumption for Hawaii is reflected in annual totals only. Effective with the Aug. 1987 SURVEY, data for 1985-86 have been revised and are available upon request.
 ‡ Revised data for 1983-85 (and 1981, for revenue from sales to ultimate customers) are available upon request.
 * New series, first shown in the January 1987 SURVEY. Data (formerly included with the "industrial" class) are reported separately, beginning with 1st Qtr. 1985.
 @ Includes less than 500 electric generation customers not shown separately.

Page S-21

1. Previous year's crop. Through 1985, new crop is not reported until Oct. (crop year: Oct. 1-Sept. 30). Beginning 1986, new crop is reported beginning Sept. (crop year: Sept. 1-Aug. 31).
 2. Crop estimate for the year.
 3. Stocks as of June 1.
 4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year). Beginning with 1986, quarterly stock estimates for barley and oats are no longer available. However, June 1 stocks will continue to be available and published here in the May and Annual columns each year.
 5. Less than 50,000 bushels.
 6. See note "@" for this page.
 7. Stocks as of Dec. 1.
 8. Based on a 11-month average.
 9. Prices are no longer available.
 10. Effective with 1986 reporting, coverage has been reduced to 21 selected States, representing approximately 85 percent of U.S. production. Comparable data for 1985 are available upon request.
 11. Oct. 1 estimate of 1987 crop.
 12. Reported annual total; monthly revisions are not available.
 13. Crop estimate for 1986.
- § Excludes pearl barley.
 # Bags of 100 lbs.
 @ Effective with the Mar. 1987 SURVEY, data have been restated to reflect a change in reporting periods. The quarterly data, available back through 1976, now represent the 3-month periods Dec.-Feb., Mar.-May, June-Aug., and Sept.-Nov. The annual data, also available back through 1976, now represent Dec.-Nov.

Page S-22

1. Figure covers 20 selected States, representing approximately 84 percent of U.S. production.
- § Cases of 30 dozen.
 ◇ Bags of 60 kilograms.
 * This series, first shown in the January 1987 SURVEY, is from the Bureau of Labor Statistics International Price Program and provides a measure of price change for coffee purchased from other countries by U.S. residents. Prices are based on the cost, insurance, and freight (c.i.f.) value at the U.S. port of importation; they include the other costs associated with bringing the product to the U.S. border, but do not include duty charges. To the extent possible, the data gathered refer to transactions completed during the first 2 weeks of the third month of each calendar quarter—March, June, September, and December. Annual data back to 1978 and quarterly data back to 2d Qtr. 1977 are available upon request.

Page S-23

1. Crop estimate for the year.
 2. Reported annual total; revisions not distributed to the months.
 3. Oct. 1 estimate of 1987 crop.
- # Totals include data for items not shown separately.
 ◇ Effective Aug. 1987 SURVEY, the footwear production series have been revised for 1985 and 1986. These revisions, along with earlier revisions for 1983 and 1984 data, are available upon request.

Page S-24

1. Annual data; monthly revisions not available.
 2. Less than 500 tons.
 3. Beginning January 1985, data have been revised because of a new estimation procedure and may not be comparable to earlier periods.
 4. See notes 1 and 3 for this page.
- * New series. Historical data are available upon request.

Page S-25

1. Annual data; monthly revisions are not available.
 2. For month shown.
 3. Includes foreign ores.
- † Beginning January 1982, data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.
 ◇ The source for these series is now the Bureau of Mines.
 § Source: *Metals Week*.
 * New series. Refined copper is recovered from leach solution by electrolysis.

Page S-26

1. Annual data; monthly revisions are not available.
 2. Less than 50 tons.
 3. Beginning 1st quarter 1984, data have been revised because of a new sample and may not be comparable to earlier periods.
 4. Total for 8 months; no data for March, April, September, and October.
 5. Total for 10 months; no data for November and December.
 6. Beginning July 1986, data are not comparable with earlier periods.
 7. Total for 5 months; data for May, June, Sept., Nov., and Dec.
 8. Total for 10 months; no data for Jan. and Feb.
- ◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
 @ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.
 ‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
 # Includes data not shown separately.
 § Beginning with the Aug. 1985 SURVEY, unadjusted fluid power shipments indexes are shown. Seasonally adjusted indexes are no longer available.
 * New series. For an explanation of material handling equipment shipments and historical data, see p. S-35 of the Dec. 1985 SURVEY.

Page S-27

1. Data are for five weeks; other months 4 weeks.
 2. Beginning January 1986, data have been restated because a new methodology has been adopted.
- # 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. 1985 SURVEY, coal production data for 1984 have been revised. Effective with the July 1986 SURVEY, coal consumption and stocks for 1985 have been revised. Effective with the Oct. 1986 SURVEY, coal production data for 1985 have been revised. Effective with the April 1987 SURVEY, coal consumption and stocks back through 1985 have been revised. Effective with the Oct. 1987 SURVEY, coal production data for 1986 have been revised. These revisions are available upon request.
 @ Includes U.S. produced and imported microwave ovens and combination microwave oven/ranges.
 ‡ "Tractor shovel loaders" includes some front engine mount wheel tractors that had previously been included in "Tractors, wheel, farm, and nonfarm."
 @@" Effective with the July 1986 SURVEY, data for 1985 have been revised. Effective with the July 1987 SURVEY, data for 1986 have been revised. These revisions are available upon request.

Page S-28

1. Reported annual totals; revisions not allocated to the months.
 2. Effective with the Jan. 1985 price, gasoline that contains alcohol as an additive is included.
- # Includes data for items not shown separately.
 † Except for price data, see note "@@" for p. S-27.
 ‡ Effective with June 1985, indexes reflect price movements through the middle of the month for which they are shown. Indexes prior to June 1985 were based on prices for the previous month; reflecting a one-month lag in pricing.

Page S-29

1. See note 1 for p. S-28.
- ◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.
 # Compiled by the American Newspaper Publishers Association.
 * New series. This index is from the Bureau of Labor Statistics International Price Program and provides a measure of price change for natural rubber purchased from other countries by U.S. residents. The data gathered refer to prices that are "free on board" (f.o.b.) foreign port. The prices refer to transactions completed during the first 2 weeks of the third month of each calendar quarter—March, June, September, and December. Data back to December 1983 are available upon request.

Page S-30

1. Reported annual total; revisions not allocated to the months.
 2. Crop for the year.
 3. Data cover five weeks; other months, four weeks.
 4. Beginning with 1985, value of shipments for rolled and wire glass is excluded. Comparable data for 1984 and earlier periods, which exclude such shipments, are not available.
- # Includes data for items not shown separately.
- ◇ Cumulative ginnings to the end of month indicated.
- § Bales of 480 lbs.
- ‡ Monthly revisions for 1984-86 are available upon request.
- † Monthly revisions for 1985-86 are available upon request.
- * New series, first shown in the Oct. 1986 SURVEY. Monthly indexes are available back to Dec. 1984.
- ** New series, first shown in the January 1987 SURVEY. Monthly data are available back to Jan. 1985.

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.
- ◇ 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).
- # Includes data not shown separately.
- § Bales of 480 lbs..
- * New series.

Page S-32

1. Annual total includes revisions not distributed to the months.
 2. Production of new vehicles (thous. of units) for Sept. 1987: *passenger cars, 572; trucks and buses, 323.*
 3. Effective with 1984, data are reported on an annual basis only. The annual/end of year figure for 1982 has been revised and is available upon request.
 4. Data are no longer available.
 5. Effective with the July 1986 and 1987 SURVEYS, data have been revised back to 1984 and are available upon request.
 6. Effective with the Feb. 1987 SURVEY, data have been revised back to 1984 and are available upon request.
 7. Effective with 1987, frequency of reporting has been changed from a monthly to a quarterly basis.
 8. Effective with the July 1987 SURVEY, data have been revised back to June 1985 to reflect the inclusion of imports for bodies (including cabs) of automobile trucks except truck tractors, which were previously omitted.
 9. Beginning with January 1987, data include Honda, Nissan, and Toyota passenger cars produced in U.S. plants.
 10. Beginning with January 1987, data include Nissan trucks produced in U.S. plants.
- # 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.
- † Monthly revisions for 1984-86 are available upon request.
- @ Effective with the Feb. 1986 SURVEY, retail inventories of trucks and buses have been revised back to 1967. These revisions, which were made to reflect updated factors, are shown on p. S-35 of the Feb. 1986 SURVEY.
- * New series. GVW: gross vehicle weight. For an explanation of methodology and historical data for retail sales of trucks and buses, see p. S-36 of the July 1986 SURVEY.
- †† Data for 1983-86 have been revised and are available upon request.

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