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4

## SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

# SURVEY OF CURRENT BUSINESS

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# the BUSINESS SITUATION

ECONOMIC activity continued to expand rapidly in the first quarter of 1984. Real GNP increased at an annual rate of 8½ percent, following increases of 5 percent in the fourth quarter of 1983 and 7½ percent in the third quarter. Inflation remained moderate. The GNP fixed-weighted price index increased 4½ percent at an annual rate in the first quarter, following increases of 4 percent in the fourth and 4½ percent in the third.<sup>1</sup>

More than one-half of the increase in real production in the first quarter took the form of an increase in inventory investment (chart 1). Inventory investment was up \$18 billion, following a \$5 billion increase in the fourth quarter. About one-half of the first-quarter and all of the fourth-quarter increases were in farm inventories. Transfers of crops from the Commodity Credit Corporation (CCC) to farm-

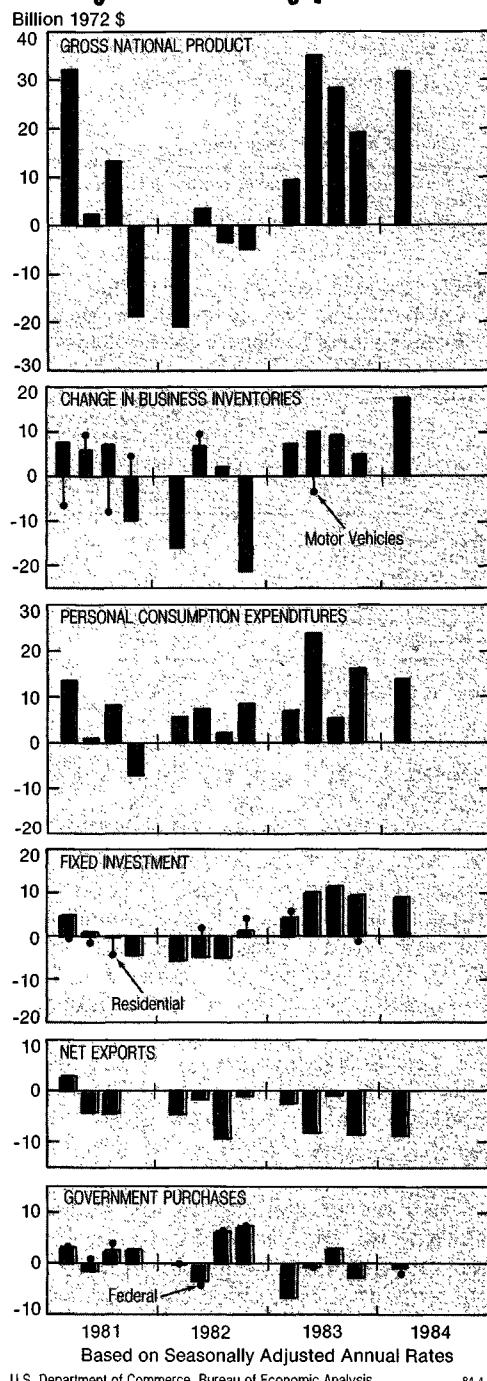
ers under the payment-in-kind (PIK) program accounted for \$5 billion of the first-quarter increase and for \$3½ billion of the fourth-quarter. The handling of PIK in the national income and product accounts (NIPA's) offsets these transfers, which relate to commodities produced in the past, in final sales; as a result, GNP, which is a measure of current production, is not affected. (The PIK program, introduced last year as part of the Federal acreage reduction program designed to reduce agricultural inventories, and its handling in the NIPA's were described in the January 1984 "Business Situation.")

Real final sales increased 3½ percent in the first and fourth quarters. In both quarters, changes in government purchases and, in turn, in final sales were greatly affected by CCC inventory transactions. In the NIPA's these transactions are treated as Federal purchases, positive or negative. (CCC inventories were reduced by the transfers of crops to farmers under PIK, and thus Federal purchases and, in turn, final sales were held down in the fourth and first quarters.) Had it not been for transactions of the CCC, final sales would have increased 4½–5 percent in the first and fourth quarters, about as strong as the 5-percent increase in the third. For these quarters in which PIK transactions were large, this measure is more useful in assessing the strength of final demand than is unadjusted final sales.

Increases in economic activity have been robust in the business sector of the economy (table 1). Real business product registered larger percent increases in each of the past several quarters than did GNP. Until the first quarter of 1984, nonfarm business product registered still larger in-

**CHART 1**

## Real Product: Change From Preceding Quarter



Based on Seasonally Adjusted Annual Rates

64-4-1

<sup>1</sup> 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 1972 dollars.

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

Table 1.—Alternative Measures of Production

[Billions of 1972 dollars, seasonally adjusted at annual rates]

Line		Dollars										Percent change from preceding quarter at annual rate		
		Level				Change from preceding quarter								
		1983				1984:I	1983			1984:I			1983	
		I	II	III	IV		II	III	IV	II	III			
1	Gross national product.....	1,490.1	1,525.1	1,553.4	1,572.5	1,604.3	35.0	23.3	19.1	31.8	9.7	7.6	.50	8.3
2	Less: Rest-of-the-world.....	21.0	20.7	22.3	21.3	21.0	-.3	1.6	-1.0	-.3	-5.5	34.7	-16.8	-5.5
3	Gross domestic product.....	1,469.2	1,504.4	1,531.1	1,551.2	1,583.3	35.2	26.7	20.1	32.1	9.9	7.3	5.4	8.5
4	Less: Household and institutions.....	47.1	47.3	47.6	48.0	48.0	.2	.3	.4	0	1.4	2.6	3.4	0
5	Government.....	155.9	156.0	156.0	156.3	156.3	.1	0	.3	0	.1	0	.8	0
6	Business product.....	1,266.1	1,301.2	1,327.5	1,346.9	1,378.9	35.1	26.3	19.4	32.0	11.5	8.4	6.0	9.8
7	Less: Farm.....	39.2	37.7	35.5	34.9	36.9	-1.5	-2.2	-6	2.0	-14.2	-21.4	-6.6	25.0
8	Residual <sup>1</sup> .....	-.6	-1.6	1.1	-3.2	-3.1	-1.0	2.7	-4.3	-.1				
9	Nonfarm business product.....	1,227.5	1,265.1	1,290.9	1,315.2	1,345.1	37.6	25.8	24.3	29.9	12.8	8.4	7.7	9.4
10	Less: Housing.....	145.6	146.9	148.3	149.8	151.4	1.3	1.4	1.5	1.6	3.6	3.9	4.1	4.3
11	Nonfarm business product less housing.....	1,081.9	1,118.2	1,142.6	1,165.4	1,193.7	36.3	24.4	22.8	28.3	14.1	9.0	8.2	10.1
	Addenda:													
	Motor vehicle output.....	59.0	62.5	71.1	76.1	80.8	3.5	8.6	5.0	4.7	25.9	67.5	31.2	27.1
	GNP less motor vehicle output.....	1,431.1	1,462.6	1,482.3	1,496.4	1,523.5	31.5	19.7	14.1	27.1	9.1	5.5	3.9	7.5

1. The residual is the constant-dollar equivalent of the statistical discrepancy. For the first quarter of 1984, it is not yet available; it is assumed in this table to be the same as in the fourth quarter of 1983.

NOTE.—Most dollar levels are found in the National Income and Product Accounts Tables, table 1.6, and most percent changes are found in table 8.1.

Table 2.—Real Gross Product, Hours, and Compensation in the Nonfarm Business Economy Less Housing: Percent Change

[Based on seasonally adjusted estimates]

		Change from preceding quarter at annual rates						1984:I	
		1983			1984:I				
		II	III	IV	II	III	IV		
Real gross product.....	14.1	9.0	8.2	10.1					
Hours.....	6.1	6.1	5.8	6.7					
Compensation.....	10.8	10.5	9.8	13.6					
Real gross product per hour.....	7.6	2.8	2.3	3.1					
Compensation per hour.....	4.5	4.1	3.7	6.4					
Unit labor cost.....	-2.9	1.3	1.4	3.2					

NOTE.—For estimates for 1980-82, see table 12, page 16, of the July 1983 SURVEY OF CURRENT BUSINESS.

ceases. In that quarter, farm product, which had dropped steeply in 1983 due to widespread drought and Federal acreage reduction programs, increased sharply. Housing product—that is, the value of the services of owner- and tenant-occupied residences—is removed from nonfarm business product to derive a measure that can be used with labor variables for productivity analysis. Increases in this aggregate—nonfarm business product less housing—were very strong, ranging from 8 to 14 percent in the past four quarters.

Real motor vehicle output, which is shown in the addenda to table 1, again contributed significantly to the increase in GNP. Over the past several quarters, manufacturers have pro-

Table 3.—Fixed-Weighted Price Indexes: Change From Preceding Quarter

[Percent change at annual rates; based on index numbers (1972=100), seasonally adjusted]

		1983			1984:I
		II	III	IV	
GNP.....		4.3	4.7	4.2	4.7
Less: Change in business inventories.....					
Equals: Final sales.....		4.3	4.7	4.2	4.7
Less: Exports.....		2.6	3.9	6.1	2.5
Plus: Imports.....		-6.3	1.5	-1.2	1.6
Equals: Final sales to domestic purchasers.....		3.4	4.5	3.6	4.6
Personal consumption expenditures.....		4.9	4.4	4.2	4.4
Food.....		5.1	-1.1	3.8	11.2
Energy.....		6.8	8.6	1.9	6.0
Other personal consumption expenditures.....		4.5	5.5	4.8	4.2
Other.....		1.2	4.7	2.6	4.9
Nonresidential structures.....		-1.0	1.6	2.4	1.6
Producers' durable equipment.....		1.2	1.3	1.1	2.1
Residential.....		-2.6	8.0	-3	.7
Government purchases.....		2.6	5.3	3.8	7.5
Addenda: Food and energy components of GNP: <sup>1</sup>					
Food components <sup>2</sup> .....		5.4	-6	5.1	11.2
Energy components <sup>3</sup> .....		16.5	9.8	1.7	-6.1
GNP less food components.....		4.1	5.6	4.0	3.8
GNP less energy components.....		3.5	4.4	4.3	5.5
GNP less food and energy components.....		3.2	5.2	4.2	4.6

1. Inasmuch as GNP is the sum of final products, the food and energy estimates in this table do not take into account the effect on the prices of final products of changes in the prices of the food and energy that are costs of production.

2. Consists of all components for which separate estimates are prepared. The major component that is not included is purchases of food by the Federal Government other than transactions by the Commodity Credit Corporation that are treated like purchases.

3. Consists of all components for which separate estimates are prepared. The major components that are not included are (1) exports of energy; (2) the gasoline and motor oil portions of inventories of gasoline service stations, and (3) the energy portions of inventories of businesses that do not produce energy for sale.

NOTE.—Most index number levels are found in the National Income and Product Accounts Tables, table 7.2.

gressively stepped up production of cars and trucks to rebuild inventories from recession lows. GNP less motor vehicle output was up 7½ percent in the first quarter. As in the past several quarters, this measure increased about 1-2 percentage points less than did total GNP.

*Productivity and costs.*—Table 2 shows changes in real gross product, aggregate hours, and compensation in the business economy other than farm and housing. As in the preceding several quarters, real product and aggregate hours registered sizable increases in the first quarter. Again,

the increase in product exceeded that in hours; productivity was up 3 percent, following gains of 3 percent and 2½ percent in the preceding two quarters. The increases in compensation and in compensation per hour accelerated in the first quarter. Expanded coverage and increased rates for employer contributions for social insurance, effective January 1, accounted for about 1½ percentage points of the acceleration in compensation and for 1 percentage point of that in compensation per hour. The increase in unit labor cost remained moderate. Unit labor cost less the impact of the increase in employer contributions about matched the 1½-percent increases of the preceding two quarters.

**Prices.**—GNP prices as measured by the fixed-weighted price index increased 4½ percent in the first quarter—about the same rate as in the preceding several quarters (table 3). A Federal pay raise, which in the NIPA's is reflected in the price of employee services purchased by the Federal Government, accounted for 0.5 percentage point of the first-quarter increase.

Prices paid by domestic purchasers for the goods and services they buy—whether produced in the United States or abroad—also increased 4½ percent in the first quarter. In the fourth quarter, a decline in import prices held the increase in prices paid by domestic purchasers to 3½ percent compared with the 4-percent increase in GNP prices. The convergence in the first quarter occurred as the increase in export prices decelerated and import prices turned up.

Prices of personal consumption expenditures (PCE) increased 4½ percent—about the same rate as in the preceding several quarters. Food prices jumped 11 percent. The prices of fruits and vegetables shot up in January in response to freeze damage. Egg prices moved up sharply, as a large number of chickens exposed to avian flu were destroyed. Prices also rose for beef and pork. PCE energy prices dropped 6 percent, as lower gasoline prices more than offset sharp increases in fuel oil prices. Other PCE prices increased somewhat less than they had in the preceding several quarters.

## Components of Real GNP

Most of the major components of real GNP registered changes in the first quarter of 1984 that were broadly similar to those in the fourth quarter of 1983 (table 4). PCE again increased strongly, as did nonresidential fixed investment. Net exports again fell sharply. Government purchases declined, but not as much as in the fourth quarter. The increase in business inventory investment picked up sharply. Residential investment increased after declining in the fourth quarter.

### Personal consumption expenditures

Real PCE increased 6 percent after a 6½-percent increase in the fourth quarter. The continued strength was

backed by large increases in real disposable income, as well as high levels of consumer confidence. On a monthly basis, the latter has weakened since January, as have many of the components of PCE, which may indicate that the boom in consumer spending is beginning to moderate.

Expenditures for durable goods increased slightly less than in the fourth quarter. Motor vehicles continued to increase, but at a slower pace, largely due to a weakening in purchases of trucks and used cars. Purchases of new cars increased at a higher rate than in the fourth quarter. Expenditures for furniture and household equipment and for other durables increased at about the same rate.

Expenditures for nondurable goods registered a slightly stronger increase

Table 4.—Real GNP: Change From Preceding Quarter

[Percent change at annual rates; based on millions of 1972 dollars, seasonally adjusted at annual rates]

	1983			1984:I
	II	III	IV	
GNP.....	9.7	7.6	5.0	8.3
Final sales.....	6.8	5.1	3.7	3.6
Personal consumption expenditures.....	10.0	2.2	6.5	5.8
Durables.....	32.6	3.7	19.9	17.2
Motor vehicles and parts.....	66.5	-3	24.7	19.1
Furniture and household equipment.....	15.7	7.9	18.2	14.2
Other durables.....	1.4	4.4	10.8	20.3
Nondurables.....	6.4	3.6	4.8	5.9
Food.....	2.5	8.0	.9	-1.0
Energy <sup>1</sup> .....	10.2	3.7	-4.2	13.2
Clothing and shoes.....	18.9	-10.1	19.4	12.6
Other nondurables.....	1.0	10.7	2.4	14.2
Services.....	6.4	.6	3.7	2.0
Energy <sup>2</sup> .....	42.1	5.8	-4.5	-19.7
Other services.....	4.8	.3	4.2	3.3
Gross private domestic fixed investment.....	21.5	22.7	17.9	16.4
Nonresidential.....	7.9	18.7	27.2	12.1
Structures.....	-14.9	11.1	6.8	25.9
Producers' durable equipment.....	19.8	22.0	36.5	7.0
Autos and trucks.....	19.1	65.6	58.8	25.4
Other.....	20.0	15.1	32.4	3.5
Residential.....	79.5	35.9	-6.9	31.3
Net exports of goods and services.....				
Exports.....	-3.2	3.7	-1	9.7
Merchandise.....	-7.0	10.1	2.6	13.6
Agricultural.....	-15.5	11.4	-7.0	28.3
Nonagricultural.....	-3.5	9.8	5.3	10.0
Other.....	1.7	18.4	-3.3	4.9
Imports.....	26.8	18.1	29.5	41.7
Merchandise.....	26.2	22.6	31.3	54.9
Petroleum.....	224.5	152.6	-46.4	-17.1
Nonpetroleum.....	20.0	16.9	39.1	60.1
Other.....	28.4	8.4	25.4	13.5
Government purchases of goods and services.....	-1.1	4.4	-3.9	-.8
Federal.....	-2.8	4.6	-8.4	-6.6
National defense.....	7.4	0	7.8	9.7
Nondefense.....	-23.5	16.9	-40.1	-42.9
Commodity Credit Corporation.....	.9	-2.2	4.1	.2
Other.....	0	4.3	-.8	8.2
Change in business inventories.....				

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 tables 1.2, 1.15, 1.17, 3.8B, and 4.4.

than in the fourth quarter. Gasoline and oil increased substantially, following several quarters of decline or little change, and other nondurables increased more than in the fourth quarter. In contrast, purchases of clothing and shoes increased somewhat less than in the fourth quarter. Food purchases again changed little.

Expenditures for services increased more slowly than in the fourth quarter, as energy declined significantly. Both the natural gas and the electricity components of energy services have fluctuated over the past several quarters. Electricity purchases, which had been high in the third quarter due to unusually hot weather, declined in the fourth and again in the first. Natural gas purchases increased in the fourth quarter—December was unusually cold—and declined in the first. A slowdown in the increase in other services was largely in foreign travel.

#### *Nonresidential investment*

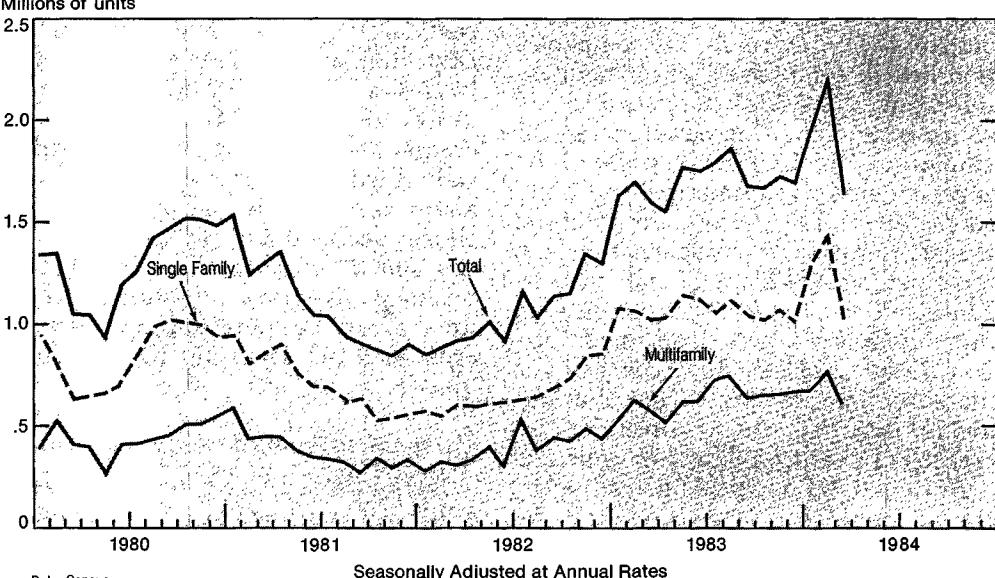
Real nonresidential fixed investment registered another strong increase—12 percent, following third- and fourth-quarter increases of 18½ percent and 27 percent, respectively. Structures accelerated sharply, but producers' durable equipment (PDE), which accounts for more than two-thirds of total nonresidential fixed investment, decelerated even more sharply.

Commercial and industrial buildings accounted for virtually all of the 26-percent increase in structures in the first quarter. Both the office and nonoffice components of commercial building recorded substantial gains. In the two preceding quarters, increases had been based mainly on the strength of the nonoffice component. An increase in industrial buildings—the first in 2 years—was also substantial.

PDE increased only 7 percent in the first quarter, following a 36½-percent increase in the fourth. Motor vehicle PDE and, to a larger extent, other PDE contributed to the deceleration. Trucks, in the former category, and communications equipment, in the latter, both declined in the first quarter, following extraordinarily large increases in the fourth. In trucks, purchases appear to have turned up again late in the first quarter. In communications equipment, one may

#### Housing Starts

Millions of units



Data: Census.

Seasonally Adjusted at Annual Rates

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

speculate that the circumstances surrounding the January 1 divestiture of A.T. & T. may have led to a bunching of purchases in the fourth quarter.

Most of the factors commonly used in assessing the future course of capital spending point toward continued increases. Corporate profits, cash flow, capacity utilization, real final sales, and net new orders for capital goods all registered substantial increases in the past several quarters. Interest rates, however, moved up late in the first quarter; the rate on seasoned corporate bonds, for example, increased almost one-half percentage point in March.

#### *Residential investment*

Real residential investment, which had slipped slightly in the fourth quarter after four consecutive strong increases, bounced back in the first quarter. Single-family construction was up 46 percent, multifamily construction was up 24½ percent, and the "other" component (which includes additions and alterations, brokers' commissions, and mobile home sales) was up 15½ percent.

Housing starts increased sharply in the first 2 months of the year and then posted an unprecedented 26½-percent drop (not an annual rate) in March (chart 2). Unusually mild weather in February, followed by an

unusually cold and wet March, appears to have played an important part in this month-to-month pattern.

On a quarterly basis, starts were up 14½ percent (not an annual rate) in the first quarter. Starts of single-family units increased 221,000 to 1,258,000 (seasonally adjusted annual rate) in the first quarter, and starts of multifamily units increased 30,000 to 691,000. Building permits also were up in the first quarter. Permits for single-family units increased from 896,000 in the fourth quarter to 1,026,000 in the first, and permits for multifamily units increased from 710,000 in the fourth quarter to 800,000 in the first.

Sales of both new and existing single-family residences were also strong in the first quarter. Sales of new one-family houses increased 26,000 to 695,000 (seasonally adjusted annual rate) in January–February, after a strong fourth-quarter increase of 83,000, and sales of existing single-family homes increased 123,000 to 2,880,000 (seasonally adjusted annual rate) in January–February after a fourth quarter in which they had changed little. The inventory of unsold new one-family houses in February was low—5.1 months' supply at current sales rates.

The commitment rate on fixed-rate mortgages has hovered around 13½

percent since July (chart 3). An increasing proportion of mortgages are being written with adjustable rates; initial interest rates on these mortgages are 1½ to 2 percentage points less than on fixed-rate mortgages. In each of the first three quarters of 1983, about one-third of conventional mortgages carried adjustable rates; in the fourth quarter, this share jumped to over 50 percent. In the first quarter of 1984, it increased to almost 60 percent.

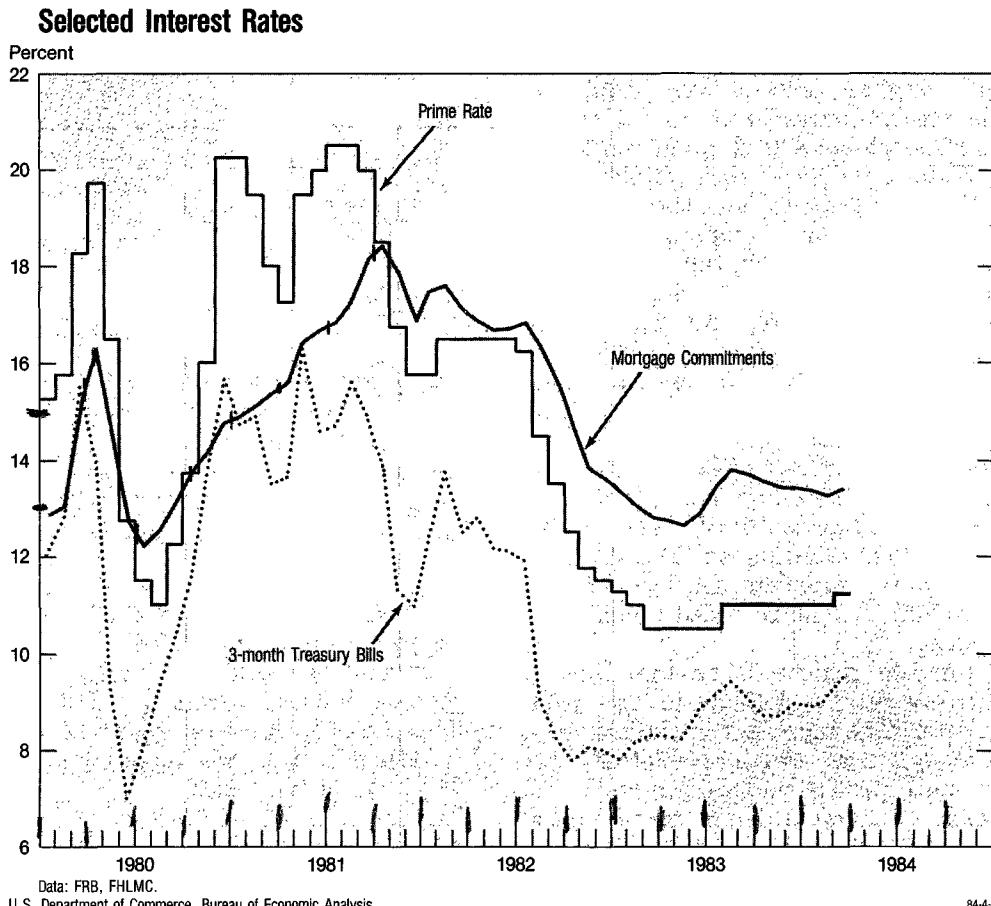
The lower interest rate on an adjustable-rate mortgage results in initial monthly payments lower than on a fixed-rate mortgage; it also reduces the income that a potential borrower needs to qualify for a mortgage. On a 25-year, \$65,000 mortgage, for example, initial monthly payments for principal and interest on an adjustable-rate mortgage are about \$85 (11 percent) lower than on a fixed-rate mortgage. Assuming that a borrower needs an income equal to at least four times mortgage payments, the annual income needed to qualify for a \$65,000 adjustable-rate mortgage is about \$4,000 lower than for a fixed-rate mortgage.

Financial conditions at savings and loan associations, major suppliers of mortgage credit, continued generally favorable in January–February. The inflow of funds was strong; net new deposits received and mortgage repayments totaled \$20.2 billion in just 2 months, compared with a total of \$25.7 billion for the whole fourth quarter. Mortgage activity was also strong; outstanding commitments to originate mortgages increased \$1.6 billion, after remaining unchanged in the fourth quarter.

#### *Change in business inventories*

Real business inventories were up \$26½ billion in the first quarter, following an \$8½ billion increase in the fourth (table 5). The \$18 billion step-up in the rate of accumulation was about evenly split between farm and nonfarm inventories. An \$8½ billion accumulation in farm inventories, after little change in the fourth quarter, reflected the transfer of inventories to farmers under the PIK program and the step-up in production, which is assumed to go largely into inventories in the short run.

#### CHART 3



84-4-3

**Table 5.—Change in Business Inventories**

[Billions of 1972 dollars; seasonally adjusted at annual rates]

	Level				Change from preceding quarter				1984:I	
	1983				1984:I	1983				
	I	II	III	IV		II	III	IV		
Change in business inventories .....	-15.4	-5.4	3.8	8.7	26.6	10.0	9.2	4.9	17.9	
Farm .....	.3	-2.1	-5.0	-.1	8.6	-1.8	-2.9	4.9	8.7	
Nonfarm .....	-15.1	-3.3	8.8	8.8	18.0	11.8	12.1	0	9.2	
Manufacturing .....	-12.3	-.8	1.4	-.5	3.1	11.5	2.2	-1.9	3.6	
Wholesale trade .....	-6.7	-2.9	4.1	3.6	3.7	3.8	7.0	-5	.1	
Retail trade .....	3.1	1.7	3.8	6.3	10.6	-1.4	2.1	2.5	4.3	
Other .....	.8	-1.3	-.5	-.6	.7	-2.1	.8	-.1	1.3	

NOTE.—Dollar levels are found in the National Income and Product Accounts Tables, table 5.9.

The \$18 billion accumulation in nonfarm inventories in the first quarter was about double that in the fourth. The pickup was mainly in manufacturing and retail trade. In manufacturing, durables inventories—particularly primary metals and electrical machinery—accumulated at a faster pace than in the fourth quarter. In nondurables, most of the turnaround from liquidation to accumulation was in food processing. The pickup in retail trade inventories was centered in apparel and department

stores, and probably reflected a drop-off in sales at the end of the quarter. Auto dealers' inventories accumulated at the same rate as in the fourth quarter.

The large inventory accumulations led to the first increases in the aggregate inventory-sales ratios since mid-1982. The ratio of constant-dollar business inventories to total business final sales edged up from 3.02 to 3.04, and the ratio of nonfarm business inventories to final sales of goods and structures from 4.24 to 4.25.

*Net exports*

Real net exports fell \$9½ billion, following an \$8½ billion decline in the fourth quarter. Exports increased, but imports increased much more.

Exports increased moderately—\$3½ billion—in the first quarter, following little change in the fourth. The lackluster performance in the past several quarters reflected the sluggish economic recoveries of most major trading partners; the effects of trade constraints, particularly of less developed countries; and the impact of the strong dollar. Agricultural exports increased \$1 billion after a small decline. A \$1½ billion increase in exports of nonagricultural merchandise was concentrated in capital goods and automotive products. In services, investment income recorded a small increase.

Imports registered another strong increase—\$12½ billion—in the first quarter. The increases in the last several quarters largely reflected the strength in U.S. business activity. Imports of nonpetroleum merchandise jumped \$11½ billion in the first quarter. The increase was spread across most major end-use categories; the largest were in consumer goods, industrial supplies, and capital goods. Petroleum imports remained low—at about 5.2 million barrels per day. In services, payments of investment income increased somewhat more than in the fourth quarter, largely reflecting increased direct investment payments.

*Government purchases*

Real government purchases declined 1 percent in the first quarter, following a 4-percent decline in the fourth. Federal purchases declined again; State and local purchases increased after a decline.

In Federal purchases, national defense purchases jumped 9½ percent, following increases that averaged about 5 percent in the past five quarters. Sharp declines in nondefense purchases in the past two quarters were due to CCC operations, principally under the PIK program. As

Table 6.—Federal Government Receipts and Expenditures, NIPA Basis: Change From Preceding Quarter

[Billions of dollars, based on seasonally adjusted annual rates]

	1983			1984:I
	II	III	IV	
<b>Receipts</b>				
Personal tax and nontax receipts	29.3	-7.4	12.3	n.a.
Corporate profits tax accruals	6.6	-17.4	8.1	7.5
Indirect business tax and nontax accruals	11.2	6.8	-2	n.a.
Contributions for social insurance	7.4	-4	-3	1
	4.1	3.6	4.0	16.7
<b>Expenditures</b>				
Purchases of goods and services	12.0	13.8	14.8	13.2
National defense	.2	4.4	4.0	.9
Nondefense	5.0	1.8	5.1	9.9
	-4.8	2.6	-9.1	-9.1
Transfer payments	6.7	-3.5	7.4	-3.3
Grants-in-aid to State and local governments	.9	.6	-.8	3.1
Net interest paid	3.4	9.1	3.6	3.2
Subsidies less current surplus of government enterprises	-.4	4.1	9.0	9.4
Less: Wage accrals less disbursements	-1.2	.9	.4	0
<b>Surplus or deficit (—), national income and product accounts</b>	<b>17.2</b>	<b>-21.2</b>	<b>-2.5</b>	<b>n.a.</b>

n.a. Not available.

Note.—Dollar levels are found in the National Income and Product Accounts Tables, table 3.2.

mentioned earlier, the transfer of crops to farmers under PIK reduces CCC inventories and is treated as a negative Federal purchase. Reductions in CCC inventories amounted to \$7½ billion in the first quarter, and to \$3 billion in the fourth.

The turnaround in State and local purchases was in purchases of structures. These purchases increased \$1 billion, following a decline of \$1 billion in the fourth quarter. All types of construction—buildings, highways, and other structures—showed improvement.

*The Federal sector.*—Changes in current-dollar Federal receipts and expenditures on a NIPA basis are shown in table 6. Among expenditures, purchases were up \$1 billion; national defense purchases increased strongly, and nondefense purchases continued to decline due to the operations of the CCC. Transfer payments fell \$3½ billion; large payments to Israel—the full amount earmarked for that country in the appropriation for fiscal year 1984—had boosted transfers to foreigners in the fourth quarter. A \$3 billion increase in grants-in-aid to State and local governments was largely in public assistance, highway grants, and community development grants. Net interest paid continued to increase, largely reflecting higher interest rates on Government securities. The large increases

in subsidies less the current surplus of Government enterprises in the last two quarters were more than accounted for by subsidies paid to farmers, primarily under the PIK program. (The PIK subsidy payments offset the reduction of CCC inventories due to PIK, so these transactions have no effect on total Federal expenditures.) These changes sum to an increase of \$13 billion in total expenditures, about the same amount as in the past several quarters.

Among receipts, an increase of \$7½ billion in personal tax and nontax payments was largely due to growth in the tax base. A \$16½ billion increase in employer and employee contributions for social insurance resulted from legislated changes in social security coverage, taxable wage base, and tax rate. Estimates of corporate profits, and thus of corporate profits tax accruals, are not yet available. Because business production continued to expand in the first quarter, it is likely that profits and profits tax accruals also increased. These changes indicate a substantial increase in total receipts in the first quarter—perhaps twice as large as the \$12½ billion increase in the fourth.

An increase of this size in receipts would exceed the \$13 billion increase in expenditures, so the deficit on a NIPA basis would decline from the \$190 billion registered in the fourth quarter.

## SURVEY OF CURRENT BUSINESS

**Personal Income**

Personal income increased \$89½ billion in the first quarter, following a \$73½ billion increase in the fourth (table 7). These large increases reflected a number of specific developments, particularly in farm proprietors' income and in transfer payments, as well as the continued expansion in economic activity.

Wage and salary disbursements were up \$39 billion in the first quarter, about as much as in the past several quarters. Wages and salaries in manufacturing recorded another substantial increase, primarily due to increases on both employment and hourly earnings. The increase was concentrated in durables and was particularly large in motor vehicles and equipment. Wages and salaries in other commodity-producing industries and in services increased at about the same pace as in the past several quarters. The pattern of increases in the distributive industries in the past three quarters largely reflected the impact of a 3-week strike in August by telephone workers. In the first quarter, a 3½-percent pay rise for Federal civilian and military employees boosted government wages and salaries by \$3 billion.

Proprietors' income contributed significantly to the large increases in personal income in both the fourth and first quarters. The ballooning of farm income in these quarters was attributable to the step-up in crop production and to large subsidy payments under the PIK and other programs. Payments under PIK amounted to \$11 billion in the fourth quarter and \$23½ billion in the first. These payments probably peaked early in the quarter and then tapered off. The pickup in nonfarm income in the first quarter was in retail trade and in construction.

Personal interest income registered another substantial increase in the first quarter. The increases in the past three quarters were due to increased holdings of personal financial assets and to slowly rising interest rates (chart 3).

The increase in transfer payments slowed somewhat in the first quarter.

**Table 7.—Personal Income and Its Disposition**

[Billions of dollars; based on seasonally adjusted annual rates]

	Change from preceding quarter			1984:I
	1983			1984:I
	II	III	IV	
Wage and salary disbursements.....	37.7	33.6	35.4	38.9
Manufacturing.....	12.0	11.8	9.8	13.8
Other commodity-producing.....	1.6	3.8	2.4	3.3
Distributive.....	7.9	4.6	10.4	6.1
Services.....	10.9	9.1	9.4	8.6
Government and government enterprises.....	5.4	4.2	3.3	7.1
Proprietors' income.....	6.6	−.5	12.7	29.5
Farm.....	−1.2	−5.5	9.5	22.3
Nonfarm.....	7.8	5.0	3.2	7.2
Personal interest income.....	−.1	12.8	11.1	14.7
Transfer payments.....	6.8	−2.8	5.5	3.2
Other income.....	7.0	7.0	10.6	9.3
Less: Personal contributions for social insurance.....	2.1	1.9	2.0	6.2
Personal income.....	55.9	48.2	73.4	89.4
Less: Personal tax and nontax payments.....	10.8	−12.5	11.2	10.0
Impacts of legislation.....	−2.4	−25.4	−1.0	−1.6
Other.....	13.3	12.8	12.2	11.6
Equals: Disposable personal income.....	45.1	60.7	62.1	79.4
Less: Personal outlays.....	75.3	36.4	52.4	51.7
Equals: Personal saving.....	−30.2	24.3	9.7	27.8
Addenda: Special factors in personal income—				
Cost-of-living increases in Federal transfer payments.....	1.0	.4	0	6.3
Social security base, rate, and coverage changes (in personal contributions for social insurance).....				3.9
Subsidies to farmers.....	1.2	−.2	10.1	12.1
Telephone strike.....		−3.3	3.3	

Reflecting improvements in labor market conditions, unemployment insurance benefits continued to decline, and at a more rapid rate than they had in the fourth quarter. In the first quarter, a social security cost-of-living increase that had been postponed 6 months from July 1, together with other cost-of-living increases, boosted social security and associated benefits by \$6½ billion. This boost was nearly offset by a swing, from a \$3 billion increase to a \$3 billion decline, in retroactive payments to social security recipients.

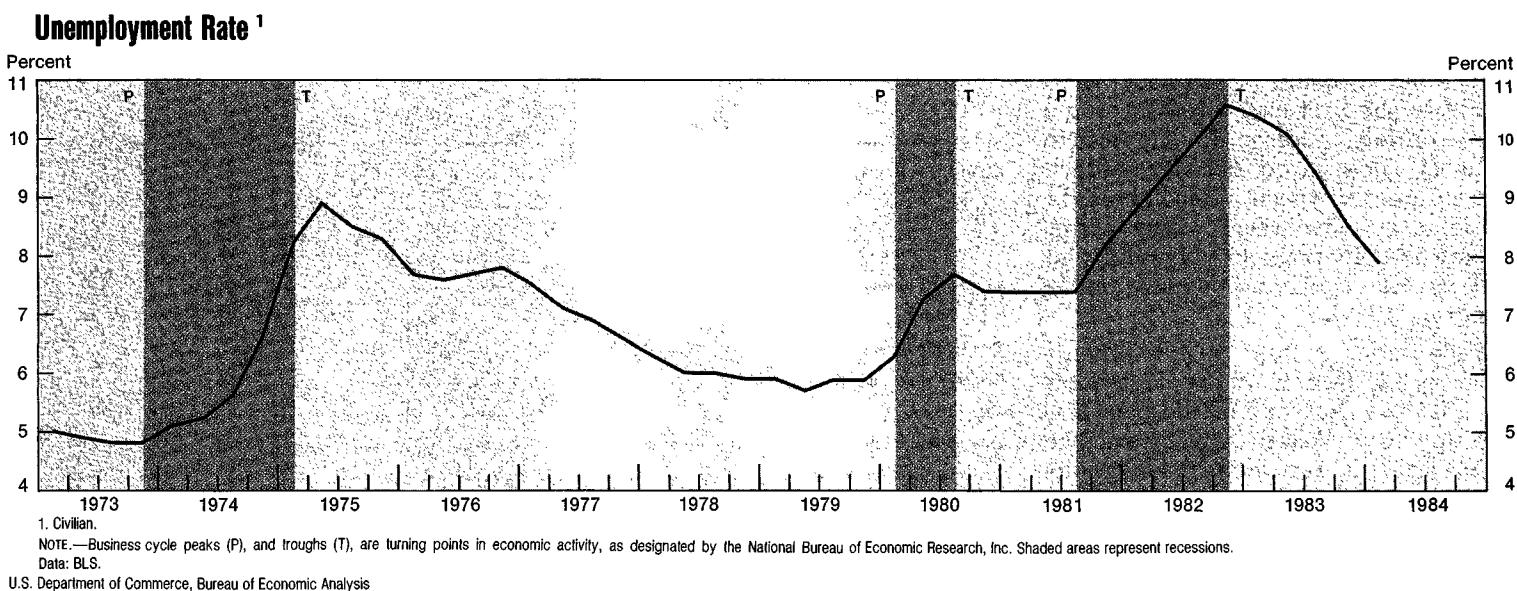
Personal contributions for social insurance, which are subtracted in deriving the personal income total, were affected in the first quarter by several legislated changes in social security. As a result, increases in these contributions were stepped up \$4 billion—to \$6 billion—in the first quarter. An increase in the maximum social security taxable wage base from \$35,700 to \$37,800 accounted for \$1 billion of the step-up. (The social security tax rate for employees was not changed

from 6.70 percent.) A rate increase for self-employed persons from 9.35 percent to 11.30 percent, together with final payments for 1983, accounted for another \$1½ billion of the step-up. A rate increase for supplementary medical insurance and an extension of social security coverage accounted for much of the remainder.

Personal tax and nontax payments increased \$10 billion in the first quarter, following an \$11 billion increase in the fourth. With the exception of the third quarter, when a sizable reduction in withheld income taxes occurred, personal taxes have increased steadily due to the continued growth in the taxable wage base.

Disposable personal income registered an even stronger increase than in the preceding two quarters. The strength again carried through to real income, as the increase in PCE prices remained moderate. Real disposable personal income jumped 10 percent in the first quarter, following increases of 6½ percent in the third quarter and 8 percent in the fourth.

## CHART 4



The increase in disposable personal income exceeded the increase in personal outlays by a wider margin than in the fourth quarter. Thus, personal saving was up by a larger amount than in the fourth quarter. Three consecutive quarters of increase in personal saving have raised the personal saving rate to 6.1 percent from a low of 4.0 percent in the second quarter of 1983.

## Employment and Unemployment

The employment picture continued to brighten in the first quarter. Civilian employment, as measured by the household survey, increased 1.2 million to 103.7 million. The civilian labor force turned up after a fourth-quarter decline. The increase in employment exceeded that in the labor force, and unemployment declined 0.6 million to 8.9 million. The unemployment rate declined 0.6 percentage point to 7.9 percent (chart 4).

The unemployment rates for adult men and women converged in the first quarter after eight quarters of higher rates for men. Presumably, the rate for men will drop below that for women if the recovery in employment continues. Typically, the unemployment rate for men has been lower than that for women.

Total nonfarm payroll employment, as measured by the establishment survey, increased 0.9 million to 92.3 million in the first quarter—the first time that the payroll measure of employment exceeded its prerecession peak in the third quarter of 1981. Employment increased 3.5 million from the fourth quarter of 1982 to the first quarter of 1984 (table 8). The increase was buoyed by manufacturing, construction, retail trade, services, and finance, insurance, and real estate.

In manufacturing, the 1.2 million increase in employment since the fourth quarter of 1982 represents a

recovery of more than one-half of the recession's decline. Within manufacturing, five of twenty industries more than recouped recession losses in employment. Four were durables industries: lumber and wood products, furniture and fixtures, electric and electronic equipment, and transportation equipment. The first two relate to housing, and the second two relate to high-technology equipment and to motor vehicles—three areas of recent strong economic growth. The nondurables industry that more than recouped losses was rubber and miscellaneous plastics products, which is tied, in part, to motor vehicles.

In construction and retail trade, the increases in employment since the fourth quarter of 1982 more than offset recessionary declines; construction increased by slightly more than the amount lost, and retail trade increased by over two-and-a-half times the amount lost. Employment in the services industry and the finance, insurance, and real estate industry increased both during the recession and, even more strongly, thereafter.

Mining was the only private industry in which employment continued to decline—albeit slightly—since the recession. Employment also continued to decline in the government sector; a small decline in State and local government employment more than offset an increase in Federal Government employment.

Table 8.—Employment by Industry

[Thousands]

	1981:III	Change:	
		1981:III-1982:IV	1982:IV-1984:I
Total nonfarm.....	91,440	-2,644	3,460
Private nonfarm.....	75,492	-2,466	3,470
Mining.....	1,193	-126	-15
Construction.....	4,162	-327	359
Manufacturing.....	20,298	-2,040	1,219
Durables.....	12,196	-1,589	945
Nondurables.....	8,102	-451	274
Transportation and public utilities.....	5,184	-164	44
Retail trade.....	15,262	-169	456
Wholesale trade.....	5,376	-162	146
Finance, insurance, and real estate.....	5,817	41	205
Services.....	18,700	482	1,054
Government.....	15,948	-178	10
Federal.....	2,771	-26	16
State and local.....	13,177	-152	-26

Source: Bureau of Labor Statistics.

## Corporate Profits in 1983

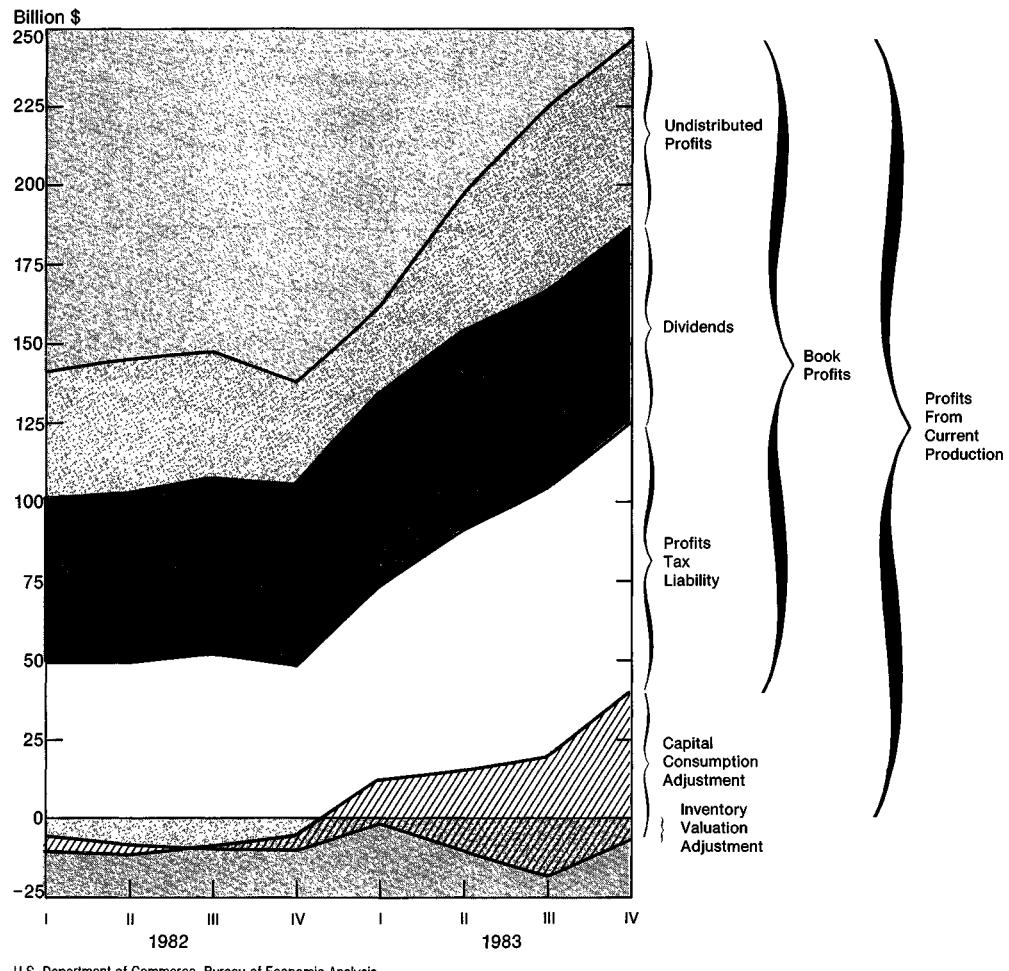
Profits from current production—profits with inventory valuation and capital consumption adjustments—increased 40 percent in 1983, to \$229 billion. The increase reflected recovery from recession; profits had declined 14 percent in 1982. Domestic profits of nonfinancial corporations increased about 40 percent, to \$178 billion, following a 17-percent decline; those of financial corporations increased about 50 percent, to \$30 billion, following a slight increase. Profits from the rest of the world declined slightly to \$21 billion, following a moderate decline.

Nearly one-half of the increase for the year appeared in the capital consumption adjustment (CCAdj), as the effects of the Accelerated Cost Recovery System of the Economic Recovery Tax Act of 1981 (ERTA) became more pronounced. For investment in new capital, ERTA permitted the acceleration of depreciation, which is deducted from revenues in deriving profits. Depreciation charges as reported for tax purposes now exceed capital consumption as defined in the NIPA's (economic depreciation). Thus, the CCAdj, which converts depreciation for tax purposes to economic depreciation, became positive in 1983 (chart 5).

The inventory valuation adjustment (IVA), which is the difference between acquisition and replacement cost of goods removed from inventory, remained negative in 1983. Because the positive CCAdj was larger than the IVA in absolute value, the sum of the two adjustments lifted profits from current production above profits before tax (book profits).

**Profits by industry.**—Profits with IVA but without CCAdj is the publication form for profits by industry in the current year because the CCAdj is not estimated by industry. This profits measure increased \$32½ billion, or 20 percent, to \$198 billion, following an 18-percent decline. Manufacturers' profits contributed 40 percent of the increase, largely because primary metals manufacturers cut their losses and motor vehicles manufacturers increased their profits. Financial institutions' profits contributed another 30 percent of the increase, largely be-

## Composition of Domestic Corporate Profits From Current Production



cause profits of savings and loan associations and of mutual savings banks improved.

Nondurables manufacturers increased their profits \$3 billion, or 6 percent. The increase was held down by declines in two large industries: food and petroleum manufacturers. Most others increased sharply.

Durables manufacturers doubled their depressed 1982 profits. Profits of primary metals manufacturers were down slightly after huge losses in 1982, reflecting some improvement in constant-dollar sales. Profits of motor vehicles manufacturers soared, as constant-dollar sales increased nearly one-third. Profits of fabricated metals manufacturers and of "other" durables manufacturers also increased. In sharp contrast, nonelectric and electric machinery manufacturers both

registered profit declines, which occurred despite increases in constant-dollar sales.

Financial profits increased substantially. Savings and loan associations and mutual savings banks accounted for most of the improvement. As in 1982, when their losses diminished throughout the year, these institutions benefited from falling interest rates. Profits of Federal Reserve banks held approximately even.

In 1983, trade profits increased \$7 billion; both wholesale and retail profits were up substantially. Among retailers, general merchandise profits were up the most; food profits held even; and auto dealers turned losses into profits as sales rose. Utility profits increased, in part the result of unusually hot weather in the third quarter and unusually cold weather in the

fourth. Transportation profits increased, primarily because airlines cut losses substantially.

In sharp contrast to the large increase in domestic profits, those from the rest of the world declined slightly, from \$22 to \$21½ billion, following a \$2 billion decline. The decline in 1983 reflected more rapid economic expansion in the United States than abroad, particularly in Europe.

*Disposition of profits.*—Book profits increased 19 percent, to \$207 billion, following a 23-percent decline. The effect of accelerated depreciation under ERTA limited the increase in book profits, compared with levels they would have registered under pre-

Table 9.—Effects of the Economic Recovery Tax Act (ERTA) of 1981 and the Tax Equity and Fiscal Responsibility Act (TEFRA) of 1982 on Corporate Profits Taxes

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

	1981	1982	1983	1982				1983			
				I	II	III	IV	I	II	III	IV
Corporate profits tax liability.....	-5.5	-9.2	-11.5	-7.6	-9.2	-9.9	-10.1	-7.4	-9.5	-13.9	-15.3
Federal tax liability.....	-5.2	-8.6	-11.0	-7.1	-8.6	-9.3	-9.4	-6.8	-9.0	-13.4	-14.8
Effect of ERTA.....	-5.2	-10.7	-21.3	-8.5	-10.1	-11.3	-12.9	-15.7	-18.9	-24.1	-26.5
Effect of TEFRA.....		2.1	10.3	1.4	1.5	2.0	3.5	8.9	9.9	10.7	11.7
State and local tax liability.....	-.3	-.6	-.5	-.5	-.6	-.6	-.7	-.6	-.5	-.5	-.5
Effect of ERTA.....	-.3	-.6	-.8	-.5	-.6	-.6	-.7	-.8	-.8	-.8	-.8
Effect of TEFRA.....			.3					.2	.3	.3	.3

vious legislation. The limited increase in book profits, in turn, limited the increase in tax liability (table 9). The Tax Equity and Fiscal Responsibility Act of 1982 partially offset ERTA.

The limited increase in tax liability and the economic recovery produced an increase in undistributed profits of 23 percent. Dividends increased only 7 percent.

## National Income and Product Accounts Tables

New estimates in this issue: First quarter 1984, preliminary; and fourth quarter and annual 1983, revisions for corporate profits and related items.

The abbreviations used in the tables are:

CCAdj	Capital consumption adjustment
IVA	Inventory valuation adjustment
NIPA's	National income and product accounts
p	Preliminary
r	Revised

The NIPA estimates for 1929-76 are in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables* (Stock No. 003-010-00101-1, price \$10.00). Estimates for 1977-79 and corrections for earlier years are in the July 1982 SURVEY; estimates for 1980-82 and corrections for earlier years are in the July 1983 SURVEY. Summary NIPA Series, 1950-82, are in the October 1983 SURVEY. These publications are available from the Superintendent of Documents and Commerce Department District Offices; see addresses inside front cover.

Table 1.1-1.2.—Gross National Product in Current and Constant Dollars

	Billions of dollars										Billions of 1972 dollars										
	1982	1983	Seasonally adjusted at annual rates								1982	1983	Seasonally adjusted at annual rates								
			1982	1983				1984	IV	I	II	III	IV	I <sup>p</sup>	1982	1983				1984	IV
				IV	I	II	III								1982	IV	I	II	III	IV	I <sup>p</sup>
Gross national product.....	3,073.0	3,310.5	3,109.6	3,171.5	3,272.0	3,362.2	3,436.2	3,541.2	1,485.4	1,535.3	1,480.7	1,490.1	1,525.1	1,553.4	1,572.5	1,604.3					
Personal consumption expenditures.....	1,991.9	2,158.0	2,046.9	2,073.0	2,147.0	2,181.1	2,230.9	2,280.5	970.2	1,011.4	979.6	986.7	1,010.6	1,016.0	1,032.2	1,046.8					
Durable goods.....	244.5	279.4	252.1	258.5	277.7	282.8	298.6	310.3	139.8	156.3	143.2	145.8	156.5	157.9	165.2	171.9					
Non durable goods.....	761.0	804.1	773.0	777.1	799.6	814.8	825.0	844.4	364.2	376.1	366.0	368.9	374.7	378.1	382.5	388.0					
Services.....	986.4	1,074.5	1,021.8	1,087.4	1,069.7	1,083.5	1,107.3	1,125.8	466.2	479.0	470.4	472.0	479.4	480.1	484.4	486.9					
Gross private domestic investment.....	414.5	471.9	377.4	404.1	450.1	501.1	532.5	595.3	194.5	219.0	178.4	190.0	210.0	230.7	245.2	272.2					
Fixed investment.....	439.1	478.4	438.8	443.5	464.6	492.5	512.8	533.1	203.9	221.1	201.1	205.4	215.6	227.0	236.5	245.7					
Nonresidential.....	348.3	348.4	337.0	332.1	336.3	351.0	374.0	384.2	166.1	168.4	160.5	159.9	163.0	170.1	180.7	185.9					
Structures.....	141.9	131.1	138.6	132.9	127.4	130.9	133.3	140.3	53.4	49.7	52.2	50.3	48.3	49.6	50.4	53.4					
Producers' durable equipment.....	206.4	217.2	198.4	199.3	208.8	220.2	240.7	243.9	112.7	118.8	108.3	109.6	114.7	120.5	130.3	132.5					
Residential.....	90.8	130.0	96.8	111.3	128.4	141.5	138.8	148.9	37.8	52.7	40.6	45.5	52.6	56.8	55.8	59.7					
Nonfarm structures.....	86.0	124.9	91.2	106.7	123.3	136.3	135.3	143.7	35.2	50.0	37.8	43.0	50.0	54.1	53.1	57.0					
Farm structures.....	1.5	1.5	2.3	1.3	1.5	1.6	1.6	1.4	.6	.6	.9	.5	.6	.6	.6	.6					
Producers' durable equipment.....	3.2	3.6	3.3	3.4	3.5	3.6	3.7	3.8	1.9	2.1	1.9	2.0	2.1	2.1	2.1	2.2					
Change in business inventories.....	-24.5	-6.4	-56.4	-39.4	-14.5	8.5	19.6	62.2	-9.4	-21.7	-15.4	-5.4	3.8	8.7	26.6						
Nonfarm.....	-23.1	-2.8	-53.7	-39.0	-10.3	18.4	19.7	41.1	-8.6	-2	-21.1	-15.1	-3.3	8.8	8.8	18.0					
Farm.....	-1.4	-3.7	-2.7	-4	-4.2	-9.9	-1.1	21.1	-.8	-1.9	-1.6	-3	-2.1	-5.0	-.1	8.6					
Net exports of goods and services.....	17.4	-9.0	5.6	17.0	-8.5	-18.3	-26.1	-45.2	28.9	11.8	23.0	20.5	12.3	11.4	2.8	-6.5					
Exports.....	347.6	335.4	321.6	326.9	327.1	341.1	346.5	357.7	147.3	138.7	136.5	137.3	136.2	140.7	140.6	143.9					
Imports.....	330.2	344.4	316.1	309.9	335.6	359.4	372.6	402.9	118.4	126.9	113.5	116.8	123.9	129.2	137.8	150.4					
Government purchases of goods and services.....	649.2	689.5	679.7	677.4	683.4	698.3	699.0	710.6	291.8	293.1	299.7	292.9	292.1	295.2	292.3	291.7					
Federal.....	258.7	274.8	279.2	273.5	273.7	278.1	274.1	275.0	116.6	117.8	124.4	118.4	117.6	118.9	116.4	114.4					
National defense.....	179.4	200.3	190.8	194.4	199.4	201.2	206.3	216.2	78.8	84.3	81.4	82.7	84.2	84.2	85.8	87.8					
Nondefense.....	79.3	74.5	88.5	79.1	74.3	76.9	67.8	58.8	37.8	33.6	43.0	35.7	33.4	34.7	30.5	26.5					
State and local.....	390.5	414.7	400.5	404.0	409.7	420.2	424.9	435.6	175.2	175.3	175.2	174.5	174.5	176.3	175.9	177.3					

Table 1.3-1.4.—Gross National Product by Major Type of Product in Current and Constant Dollars

	Billions of dollars										Billions of 1972 dollars										
	1982	1983	Seasonally adjusted at annual rates								1982	1983	Seasonally adjusted at annual rates								
			1982	1983				1984	IV	I	II	III	IV	I <sup>p</sup>	1982	1983				1984	IV
				IV	I	II	III								1982	IV	I	II	III	IV	I <sup>p</sup>
Gross national product.....	3,073.0	3,310.5	3,109.6	3,171.5	3,272.0	3,362.2	3,436.2	3,541.2	1,485.4	1,535.3	1,480.7	1,490.1	1,525.1	1,553.4	1,572.5	1,604.3					
Final sales.....	3,097.5	3,816.9	3,165.9	3,210.9	3,286.6	3,353.7	3,416.6	3,479.0	1,494.8	1,537.4	1,508.4	1,505.5	1,530.5	1,549.7	1,563.7	1,577.7					
Change in business inventories.....	-24.5	-6.4	-56.4	-39.4	-14.5	8.5	19.6	62.2	-9.4	-21.7	-15.4	-5.4	3.8	8.7	26.6						
Goods.....	1,208.9	1,366.5	1,264.8	1,292.2	1,346.8	1,388.9	1,438.1	1,492.3	661.6	688.6	652.1	656.9	681.8	699.0	716.8	738.0					
Final sales.....	1,305.4	1,373.0	1,321.2	1,331.6	1,361.3	1,380.4	1,418.5	1,430.2	671.0	690.7	674.8	672.3	687.2	695.3	708.0	711.5					
Change in business inventories.....	-24.5	-6.4	-56.4	-39.4	-14.5	8.5	19.6	62.2	-9.4	-21.7	-15.4	-5.4	3.8	8.7	26.6						
Durable goods.....	500.8	548.7	474.0	482.7	536.8	568.9	606.4	607.4	269.6	291.4	256.4	261.3	287.4	299.9	316.9	318.6					
Final sales.....	516.3	552.6	519.0	520.9	545.7	555.9	588.1	591.3	276.1	292.7	275.3	277.0	291.1	294.1	308.4	311.6					
Change in business inventories.....	-15.5	-3.9	-45.0	-38.2	-8.9	13.1	18.3	16.0	-6.5	-1.3	-18.9	-15.7	-3.7	5.8	8.5	7.0					
Non durable goods.....	780.1	817.8	790.8	809.5	810.0	820.0	831.8	885.0	392.0	397.3	395.6	394.5	399.2	399.9	419.4						
Final sales.....	789.1	820.3	802.2	810.6	815.7	824.5	830.4	838.9	394.9	398.0	399.4	395.2	396.1	401.2	399.6	399.9					
Change in business inventories.....	-9.1	-2.5	-11.4	-1.2	-5.7	-4.5	1.4	46.1	-2.9	-.8	-3.8	-.3	-1.7	-2.0	.3	19.6					
Services.....	1,511.1	1,635.6	1,560.5	1,588.4	1,623.4	1,651.0	1,679.6	1,711.3	712.2	724.5	715.0	717.8	723.0	727.0	730.0	733.0					
Structures.....	281.0	308.4	284.3	290.9	301.9	322.3	318.5	337.5	111.6	122.2	113.6	115.4	120.3	127.3	125.7	133.2					
Addenda:																					
Gross domestic purchases <sup>1</sup> .....	3,055.6	3,319.5	3,104.0	3,154.6	3,280.5	3,380.5	3,462.3	3,5													

Table 1.5-1.6.—Gross National Product by Sector in Current and Constant Dollars

	Billions of dollars										Billions of 1972 dollars									
			Seasonally adjusted at annual rates										Seasonally adjusted at annual rates							
			1982		1983		1982		1983				1984		1982		1983		1984	
	IV	I	II	III	IV	I <sup>p</sup>	IV	I	II	III	IV	I <sup>p</sup>	IV	I	II	III	IV	I <sup>p</sup>	IV	I <sup>p</sup>
Gross national product.....	3,073.0	3,310.5	3,109.6	3,171.5	3,272.0	3,362.2	3,436.2	3,541.2	3,485.4	3,535.3	3,480.7	3,490.1	3,525.1	3,553.4	3,572.5	3,604.3	3,531.1	3,551.2	3,583.3	3,583.3
Gross domestic product .....	3,025.7	3,264.8	3,063.5	3,127.2	3,227.9	3,314.1	3,389.9	3,494.8	3,462.3	3,514.0	3,458.6	3,469.2	3,504.4	3,531.1	3,551.2	3,583.3	3,527.5	3,546.9	3,578.9	3,578.9
Business.....	2,594.6	2,803.8	2,619.1	2,675.5	2,769.8	2,849.8	2,918.3	3,013.9	2,959.6	3,104.4	2,955.9	3,126.1	3,101.2	3,127.5	3,146.9	3,134.5	3,126.1	3,127.5	3,146.9	3,134.5
Nonfarm.....	2,520.0	2,784.7	2,589.1	2,601.8	2,700.5	2,779.4	2,857.5	2,941.8	2,720.4	2,747.7	2,812.3	2,727.5	2,866.1	2,890.9	2,815.2	2,845.1	2,866.1	2,890.9	2,815.2	2,845.1
Housing.....	2,252.6	2,441.9	2,261.0	2,317.9	2,411.0	2,483.3	2,558.4	2,633.7	2,078.3	2,127.0	1,068.9	1,081.3	1,118.2	1,142.6	1,165.4	1,193.7	1,118.2	1,142.6	1,165.4	1,193.7
Farm.....	74.1	70.8	75.8	74.9	72.7	68.3	67.4	78.8	39.0	36.8	40.6	39.2	37.7	35.5	34.9	36.9	39.2	37.7	35.5	34.9
Statistical discrepancy.....	.5	-2.3	4.2	-1.2	-3.5	2.5	-6.8	-6.7	2	-1.1	2.0	-6	-1.6	1.1	-3.2	-3.1	1.1	-3.2	-3.1	-3.1
Households and institutions .....	107.0	114.9	110.8	112.2	114.1	115.6	117.8	118.4	46.7	47.5	46.9	47.1	47.3	47.6	48.0	48.0	44.1	44.4	44.4	44.4
Private households.....	7.6	8.2	7.8	8.0	8.1	8.2	8.4	8.5	3.3	3.5	3.3	3.4	3.4	3.5	3.6	3.6	3.4	3.5	3.5	3.6
Nonprofit institutions.....	99.4	106.7	102.9	104.2	106.0	107.4	109.4	109.8	43.4	44.0	43.5	43.7	43.9	44.1	44.4	44.4	44.1	44.4	44.4	44.4
Government.....	324.1	346.6	333.7	339.5	344.1	348.8	353.9	362.5	156.1	156.1	155.8	155.9	156.0	156.3	156.3	156.3	156.0	156.3	156.3	156.3
Federal.....	101.1	106.1	104.2	105.6	106.0	106.2	110.2	110.2	50.5	50.8	50.7	50.8	50.8	50.8	50.9	50.9	50.8	50.8	50.8	50.9
State and local.....	223.0	240.5	229.5	233.8	238.1	242.6	247.2	252.3	105.6	105.2	105.1	105.1	105.1	105.2	105.5	105.5	105.2	105.4	105.4	105.5
Rest of the world.....	47.3	45.7	46.0	44.3	44.1	48.1	46.3	46.3	23.1	21.3	22.1	21.0	20.7	22.3	21.3	21.0	22.3	21.3	21.0	21.0
Addendum:																				
Gross domestic business product less housing .....	2,318.4																1,116.2			

Table 1.7.—Relation of Gross National Product, Net National Product, National Income, and Personal Income

	Billions of dollars																			
			Seasonally adjusted at annual rates																	
			1982		1983		1982		1983											
	IV	I	II	III	IV	I <sup>p</sup>	IV	I	II	III	IV	I <sup>p</sup>								
Gross national product.....	3,073.0	3,310.5	3,109.6	3,171.5	3,272.0	3,362.2	3,436.2	3,541.2	3,485.4	3,535.3	3,480.7	3,490.1	3,525.1	3,553.4	3,572.5	3,604.3	3,531.1	3,551.2	3,583.3	3,583.3
Less:																				
Capital consumption allowances with CCAdj.....	359.2	377.3	368.3	370.8	373.3	381.7	383.2	388.3												
Capital consumption allowances.....	312.6	367.8	329.5	341.8	359.0	378.5	391.8	402.0												
Less: CCAdj.....	-46.6	-9.5	-38.8	-29.1	-14.3	-8.2	8.6	13.7												
Equals: Net national product.....	2,713.8	2,933.2	2,741.3	2,800.7	2,898.7	2,980.5	3,053.0	3,152.9												
Less:																				
Indirect business tax and nontax liability.....	258.3	285.9	264.8	270.6	285.8	291.1	296.0	300.4												
Business transfer payments.....	14.1	15.5	14.7	15.0	15.3	15.7	16.1	16.6												
Statistical discrepancy.....	.5	-2.3	4.2	-1.2	-3.5	2.5	-6.7													
Plus: Subsidies less current surplus of government enterprises.....	9.5	16.1	16.6	12.3	11.8	15.8	24.6	33.9												
Equals: National income.....	2,450.4	2,650.2	2,474.0	2,528.5	2,612.8	2,686.9	2,772.4													
Less:																				
Corporate profits with IVA and CCAdj.....	164.8	229.1	161.9	181.8	218.2	248.4	268.2													
Net interest.....	261.1	247.5	254.7	248.3	243.8	246.1	251.9	262.0												
Contributions for social insurance.....	253.0	272.3	255.4	265.4	270.1	274.4	279.2	296.6												
Wage accruals less disbursements.....	0	-4.4	0	0	-1.3	-4	0	0												
Plus:																				
Government transfer payments to persons.....	260.4	388.1	384.3	383.6	390.0	386.8	392.0	394.8												
Personal interest income.....	366.2	366.3	363.1	357.2	357.1	369.9	381.1	395.8												
Personal dividend income.....	66.4	70.5	67.9	68.8	69.3	70.9	72.9	75.1												
Business transfer payments.....	14.1	15.5	14.7	15.0	15.3	15.7	16.1	16.6												
Equals: Personal income.....	2,578.6	2,742.1	2,632.0	2,657.7	2,713.6	2,761.9	2,835.2	2,924.6												

Table 1.8.—Relation of Gross National Product, Net National Product, and National Income in Constant Dollars

	[Billions of 1972 dollars]									
Gross national product.....	1,485.4	1,535.3	1,480.7	1,490.1	1,525.1	1,553.4	1,572.5	1,604.3		
Less: Capital consumption allowances with CCAdj.....	162.5	169.1	165.5	166.3	167.8	170.7	171.6	173.7		
Equals: Net national product.....	1,322.9	1,366.2	1,315.2	1,323.9	1,357.3	1,382.7	1,400.9	1,430.6		
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	147.3	153.8	146.9	150.3	152.8	154.4	157.7	160.5		
Statistical discrepancy.....	.2	-1.1	2.0	-.6	-1.6	1.1	-3.2			
Equals: National income.....	1,175.4	1,213.4	1,166.2	1,174.2	1,206.1	1,227.1	1,246.3			

Table 1.11.—National Income by Type of Income

	Billions of dollars											
			Seasonally adjusted at annual rates									
			1982		1983		1982		1983			
	IV	I	II	III	IV	I <sup>p</sup>	IV	I	II	III	IV	I <sup>p</sup>
National income .....	2,450.4	2,650.2	2,474.0	2,528.5	2,612.8	2,686.9	2,772.4					
Compensation of employees.....	1,865.7	1,990.2	1,889.0	1,922.7	1,968.7	2,011.8	2,056.6	2,113.0				
Wages and salaries.....	1,568.1	1,664.1	1,586.0	1,610.6	1,647.1	1,681.5	1,717.3	1,756.2				
Government and government enterprises.....	306.0	325.7	314.5	319.2	323.8	328.4	33					

Table 1.13.—Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Constant Dollars

	Billions of dollars								Billions of dollars								
	Seasonally adjusted at annual rates								Seasonally adjusted at annual rates								
	1982		1983		1984	1982		1983		1984							
	IV	I	II	III	IV	I <sup>p</sup>			IV	I	II	III	IV	I <sup>p</sup>			
Gross domestic product of corporate business.....	1,897.1	2,064.5	1,903.2	1,954.2	2,036.5	2,102.5	2,164.7	.....	Net domestic product.....	1,566.8	1,703.5	1,559.8	1,602.3	1,675.7	1,738.2	1,797.7	.....
Capital consumption allowances with CCAdj.....	222.0	231.6	227.7	228.3	229.8	233.1	235.2	238.0	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	179.0	197.2	182.4	186.4	197.6	201.1	203.7	205.1
Net domestic product.....	1,675.1	1,882.9	1,675.4	1,725.9	1,806.7	1,869.4	1,929.5	.....	Domestic income.....	1,387.8	1,506.3	1,377.4	1,415.9	1,478.1	1,537.1	1,594.1	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	187.6	206.9	191.4	195.6	207.3	211.0	213.7	215.3	Compensation of employees.....	1,198.6	1,269.1	1,201.2	1,222.4	1,253.9	1,283.7	1,316.4	1,355.2
Domestic income.....	1,487.5	1,626.0	1,484.0	1,530.3	1,599.4	1,658.4	1,715.8	.....	Wages and salaries.....	997.3	1,048.9	998.2	1,012.0	1,037.2	1,060.4	1,086.2	1,111.9
Compensation of employees.....	1,282.2	1,363.5	1,289.2	1,313.6	1,347.6	1,379.1	1,413.5	1,455.0	Supplements to wages and salaries.....	201.3	220.1	208.0	210.4	216.7	223.3	230.2	243.3
Wages and salaries.....	1,065.8	1,126.3	1,070.3	1,086.9	1,114.1	1,138.5	1,165.7	1,193.2	Corporate profits with IVA and CCAdj.....	124.0	177.8	114.3	183.9	165.7	194.5	217.2	.....
Supplements to wages and salaries.....	216.4	237.1	218.9	226.7	233.5	240.5	247.9	261.9	Profits before tax.....	131.5	154.6	117.9	119.7	149.0	173.8	176.9	.....
Corporate profits with IVA and CCAdj.....	143.0	207.7	137.8	161.6	197.7	225.0	246.5	.....	Profits tax liability.....	41.2	56.2	33.6	41.8	55.0	63.9	64.2	.....
Profits before tax.....	152.4	186.1	143.4	149.5	182.8	205.7	206.5	.....	Profits after tax.....	90.3	98.4	84.4	77.9	94.0	109.8	111.7	.....
Profits tax liability .....	59.2	76.9	54.0	61.5	76.0	84.9	85.3	.....	Dividends.....	57.2	64.5	59.2	68.3	65.6	65.1	64.0	68.0
Profits after tax.....	93.2	109.2	89.4	88.0	106.7	120.7	121.2	.....	Undistributed profits.....	38.1	38.9	25.1	14.5	28.4	44.8	47.7	.....
Dividends.....	54.4	61.8	56.7	60.6	62.9	62.8	61.3	65.4	IVA.....	-8.4	-9.2	-10.3	-1.7	-10.6	-18.3	-6.3	-10.0
Undistributed profits.....	38.8	47.4	32.6	27.4	43.9	58.4	59.9	.....	CCAdj.....	.8	32.4	6.7	15.9	27.3	39.0	47.6	51.8
IV.....	-8.4	-9.2	-10.3	-1.7	-10.6	-18.3	-6.3	-10.0	Net interest.....	65.2	59.4	61.9	59.7	58.6	58.9	60.5	62.8
CCAdj.....	-1.1	30.8	4.7	13.9	25.6	37.6	46.2	50.3									
Net interest.....	62.3	54.8	57.1	55.1	54.0	54.3	55.8	57.9									
Gross domestic product of financial corporate business.....	120.4	142.8	128.2	136.5	144.1	144.7	145.7	.....									
Gross domestic product of nonfinancial corporate business.....	1,776.7	1,921.7	1,775.0	1,817.6	1,892.4	1,957.8	2,019.0	.....									
Capital consumption allowances with CCAdj.....	210.0	218.2	215.1	215.3	216.7	219.6	221.3	223.6									

Table 1.14–1.15.—Auto Output in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
	Seasonally adjusted at annual rates								Seasonally adjusted at annual rates							
	1982		1983		1984				1982		1983		1984			
	IV	I	II	III	IV	I <sup>p</sup>			IV	I	II	III	IV	I <sup>p</sup>		
Auto output.....	66.6	88.9	66.0	78.5	80.9	95.0	101.0	107.6	38.5	49.9	38.3	44.9	46.0	53.1	55.8	59.4
Final sales.....	69.9	86.6	75.9	76.3	86.8	91.2	92.1	97.8	40.3	48.6	43.4	43.3	48.8	51.0	51.2	54.4
Personal consumption expenditures.....	73.9	90.9	79.7	80.7	91.4	92.5	99.2	103.3	37.1	44.0	39.9	39.6	45.0	44.5	46.7	48.9
New autos.....	52.9	65.1	58.5	57.5	66.9	65.8	70.0	75.2	29.8	35.7	32.7	31.8	37.0	36.1	37.8	40.5
Net purchases of used autos.....	21.0	25.9	21.2	23.2	24.5	26.7	29.2	28.1	7.3	8.3	7.2	7.8	8.0	8.4	8.9	8.4
Producers' durable equipment.....	12.4	14.0	12.3	12.9	13.4	15.1	14.7	16.4	9.3	11.3	9.5	10.0	10.6	12.1	12.4	13.8
New autos.....	24.9	30.8	25.7	27.4	28.6	32.7	34.6	37.5	14.0	16.9	14.4	15.2	15.8	17.9	18.7	20.2
Net purchases of used autos.....	-12.6	-16.8	-13.5	-14.5	-15.2	-17.6	-19.9	-21.2	-4.7	-5.6	-4.9	-5.1	-5.2	-5.8	-6.3	-6.4
Net exports.....	-17.4	-19.5	-17.1	-18.5	-19.1	-17.5	-23.0	-23.2	-6.8	-7.4	-6.7	-7.1	-7.5	-6.3	-8.8	-9.0
Exports.....	2.9	4.3	2.4	3.9	4.1	4.8	4.3	4.1	1.6	2.3	1.3	2.1	2.2	2.5	2.3	2.2
Imports.....	20.3	23.8	19.5	22.3	22.4	27.3	27.2	27.4	8.4	9.7	8.0	9.1	9.7	8.9	11.0	11.2
Government purchases.....	1.0	1.1	1.0	1.1	1.1	1.2	1.2	1.2	.7	.8	.7	.7	.7	.8	.8	.8
Change in business inventories.....	-3.3	2.3	-9.8	2.2	-5.9	3.8	9.0	9.9	-1.8	1.3	-5.2	1.5	-2.8	2.0	4.7	5.0
New.....	-3.3	1.9	-11.1	1.9	-6.7	3.8	8.7	8.6	-1.8	1.2	-5.6	1.4	-3.1	2.0	4.6	4.6
Used.....	0	.3	1.3	.3	.8	0	2	1.2	0	.1	.5	.1	.3	0	.1	.4
Addenda:																
Domestic output of new autos <sup>1</sup> .....	50.6	71.3	49.4	63.4	64.4	76.4	81.1	91.5	28.5	39.0	27.7	34.9	35.5	41.7	43.7	49.1
Sales of imported new autos <sup>2</sup> .....	27.9	32.6	30.3	29.8	32.5	31.4	36.6	34.1	15.7	17.9	16.9	16.5	18.0	17.2	19.8	18.4

Table 1.16–1.17.—Truck Output in Current and Constant Dollars

	Billions of dollars								Billions of 1972 dollars							
	Seasonally adjusted at annual rates								Seasonally adjusted at annual rates							
	1982		1983		1984				1982		1983		1984			
	IV	I	II	III	IV	I <sup>p</sup>			IV	I	II	III	IV	I <sup>p</sup>		
Truck output <sup>1</sup> .....	30.4	37.2	26.4	30.5	35.0	38.9	44.3	47.7	14.3	17.2	12.4	14.1	16.5	18.0	20.3	21.5
Final sales.....	30.8	36.8	30.8	31.3	34.6	37.1	44.2	45.4	14.4	17.1	14.4	14.4	16.3	17.2	20.3	20.6
Personal consumption expenditures.....	11.8	16.1	11.6	12.7	16.5	16.5	18.8	19.2	6.6	8.8	6.5	7.0	9.1	9.0	10.1	10.3
Producers' durable equipment.....	16.6	19.3	14.9	16.5	17.1	19.1	24.3	24.7	7.1	7.9	6.3	6.8	7.0	7.9	10.0	10.0
Net exports.....	-2.7	-3.9	-1.6	-3.0	-4.2	-4.0	-4.6	-4.6	-1.4	-1.9	-0.9	-1.5	-2.0	-1.9	-2.2	-2.2
Exports.....	2.5	2.0	2.3	1.8	1.9	2.1	2.2	2.6	1.1	.8	1.0	.8	.8	.9	.9	1.0
Imports.....	5.2	5.9	3.9	4.9	6.0	6.1	6.8	7.1	2.5	2.8	1.8	2.3	2.8	2.3	3.1	3.2
Government purchases.....	5.2	5.4	6.0	5.1	5.2	5.5	5.7	6.0	2.2	2.5	2.1	2.2	2.3	2.4	2.4	2.4
Change in business inventories.....	-.4	.4	-4.4	-.8	.4	1.8	.1	2.3	-.1	.2	-2.1	-.3	.2	.7	0	.9

Table 1.14–1.15:

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

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

Table 1.16–1.17:

1. Includes new trucks only.

Table 2.1.—Personal Income and Its Disposition

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982		1983		1984					
					IV	I	II	III	IV	I <sup>a</sup>
<b>Personal income</b>	2,578.6	2,742.1	2,632.0	2,657.7	2,713.6	2,761.9	2,835.2	2,924.6		
Wage and salary disbursements	1,568.1	1,664.6	1,586.0	1,610.7	1,648.4	1,681.9	1,717.3	1,756.2		
Commodity-producing industries	509.2	529.7	499.5	508.6	522.2	537.8	550.0	567.1		
Manufacturing	388.8	402.8	377.4	385.4	397.4	409.2	419.0	432.8		
Distributive industries	378.8	397.2	383.5	386.4	394.3	398.9	409.3	415.4		
Service industries	374.1	411.5	388.5	396.4	407.3	416.4	425.8	434.4		
Government and government enterprises	306.0	326.2	314.5	319.2	324.6	328.8	332.1	339.2		
<b>Other labor income</b>	156.6	173.4	160.4	164.3	170.1	176.4	182.7	189.0		
Proprietors' income with IVA and CCAdj	109.0	128.5	116.2	120.6	127.2	126.7	139.4	169.0		
Farm	21.5	20.9	26.0	22.2	21.0	15.5	25.0	47.3		
Nonfarm	87.4	107.6	90.2	98.4	106.2	111.2	114.5	121.7		
Rental income of persons with CCAdj	49.9	54.8	52.3	54.1	54.8	53.9	56.2	57.0		
Personal dividend income	66.4	70.5	67.9	68.8	69.3	70.9	72.9	75.1		
Personal interest income	366.2	366.3	363.1	357.2	357.1	369.9	381.1	395.8		
Transfer payments	374.5	403.6	399.0	398.5	405.3	402.5	408.1	411.3		
Old-age, survivors, disability, and health insurance benefits	204.5	222.8	216.5	217.4	221.1	223.8	228.8	233.1		
Government unemployment insurance benefits	24.8	25.6	32.2	29.0	30.0	22.6	20.7	17.2		
Veterans benefits	16.4	16.7	16.6	16.9	16.6	16.6	16.5	16.7		
Government employees retirement benefits	54.2	58.6	55.8	56.6	58.3	59.3	60.1	61.2		
Other transfer payments	74.6	80.0	77.9	78.7	79.3	80.2	82.0	83.1		
Aid to families with dependent children	13.4	14.3	13.5	14.1	14.4	14.3	14.5	15.0		
Other	61.2	65.7	64.3	64.5	64.9	66.0	67.5	68.1		
Less: Personal contributions for social insurance	112.0	119.5	112.9	116.5	118.6	120.5	122.5	128.7		
Less: Personal tax and nontax payments	402.1	406.5	404.1	401.8	412.6	400.1	411.4	421.3		
Equals: Disposable personal income	2,176.5	2,335.6	2,227.8	2,255.9	2,301.0	2,361.7	2,423.9	2,503.3		
Less: Personal outlays	2,051.1	2,222.0	2,107.0	2,134.2	2,209.5	2,245.9	2,298.3	2,350.0		
Personal consumption expenditures	1,991.9	2,158.0	2,046.9	2,073.0	2,147.0	2,181.1	2,230.9	2,280.5		
Interest paid by consumers to business	58.1	62.8	59.1	60.2	61.4	63.6	66.0	68.2		
Personal transfer payments to foreigners (net)	1.1	1.2	1.0	1.0	1.1	1.2	1.4	1.2		
Equals: Personal saving	125.4	113.6	120.8	121.7	91.5	115.8	125.6	153.3		
Addenda:										
Disposable personal income:										
Total, billions of 1972 dollars	1,060.2	1,094.6	1,066.1	1,073.8	1,083.0	1,100.1	1,121.5	1,149.1		
Per capita:										
Current dollars	9,377	9,969	9,562	9,661	9,834	10,069	10,308	10,625		
1972 dollars	4,567	4,672	4,576	4,599	4,629	4,690	4,769	4,877		
Population (millions)	232.1	234.3	233.0	233.5	234.0	234.6	235.1	235.6		
Personal saving as percentage of disposable personal income	5.8	4.9	5.4	5.4	4.0	4.9	5.2	6.1		

Table 2.2-2.3.—Personal Consumption Expenditures by Major Type of Product in Current and Constant Dollars

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982		1983		1984					
					IV	I	II	III	IV	I <sup>a</sup>
<b>Personal consumption expenditures</b>	1,991.9	2,158.0	2,046.9	2,073.0	2,147.0	2,181.1	2,230.9	2,280.5		
<b>Durable goods</b>	244.5	279.4	252.1	258.5	277.7	282.8	298.6	310.3		
Motor vehicles and parts	109.9	133.4	116.1	118.4	133.9	135.6	145.6	150.9		
Furniture and household equipment	93.5	102.2	94.9	97.3	100.8	102.9	107.7	111.8		
Other	41.1	43.9	41.0	42.9	43.1	44.3	45.4	47.6		
<b>Nondurable goods</b>	761.0	804.1	773.0	777.1	799.6	814.8	825.0	844.4		
Food	396.9	422.1	404.5	411.7	419.6	426.4	430.6	440.8		
Clothing and shoes	119.0	125.6	119.6	120.0	126.4	125.1	130.7	134.0		
Gasoline and oil	91.5	90.8	91.1	87.3	90.3	98.1	92.7	92.0		
Other nondurable goods	153.5	165.7	157.9	158.1	163.3	170.2	171.1	177.6		
Fuel oil and coal	20.0	21.1	20.2	17.7	21.2	23.0	22.3	22.5		
Other	133.5	144.6	137.7	140.4	142.1	147.2	148.8	155.1		
<b>Services</b>	986.4	1,074.5	1,021.8	1,037.4	1,069.7	1,083.5	1,107.3	1,125.8		
Housing	334.1	363.6	345.2	352.6	359.5	367.2	375.1	382.4		
Household operation	144.3	153.8	147.1	145.9	155.4	155.8	157.9	157.1		
Electricity and gas	76.3	81.1	76.8	74.1	82.8	83.3	84.0	80.3		
Other	68.0	72.7	70.3	71.8	72.6	72.5	73.9	76.8		
Transportation	68.4	72.8	69.2	70.1	70.9	74.0	76.1	76.9		
Other	439.6	484.3	460.3	468.8	483.9	486.6	498.1	509.4		
Billions of 1972 dollars										
<b>Personal consumption expenditures</b>	970.2	1,011.4	979.6	986.7	1,010.6	1,016.0	1,032.2	1,046.8		
<b>Durable goods</b>	139.8	156.3	143.2	145.8	156.5	157.9	165.2	171.9		
Motor vehicles and parts	57.4	68.0	60.5	60.9	69.1	69.1	73.0	76.2		
Furniture and household equipment	59.7	64.7	60.2	61.7	63.9	65.2	67.9	70.2		
Other	22.7	23.7	22.5	23.3	23.4	23.6	24.3	25.4		
<b>Nondurable goods</b>	364.2	376.1	366.0	368.9	374.7	378.1	382.5	388.0		
Food	184.0	191.0	186.4	188.2	189.4	193.1	193.5	193.0		
Clothing and shoes	84.4	87.3	84.5	84.7	88.4	86.1	90.0	92.7		
Gasoline and oil	25.6	26.3	25.2	26.3	26.3	26.3	26.2	27.3		
Other nondurable goods	70.2	71.5	70.0	69.7	70.7	72.6	72.8	75.0		
Fuel oil and coal	3.5	4.0	3.4	3.3	4.1	4.3	4.1	4.0		
Other	66.6	67.5	66.6	66.4	66.6	68.3	68.7	71.0		
<b>Services</b>	466.2	479.0	470.4	472.0	479.4	480.1	484.4	486.9		
Housing	171.3	176.3	172.4	174.0	175.5	177.1	178.8	180.6		
Household operation	63.5	63.7	63.0	61.9	64.2	64.3	64.5	63.3		
Electricity and gas	24.9	24.6	23.9	23.0	25.1	25.4	25.1	23.8		
Other	38.6	39.1	39.1	39.0	39.1	38.9	39.4	39.5		
Transportation	31.7	31.6	31.4	31.2	31.4	31.7	32.0	32.1		
Other	199.6	207.3	203.5	204.8	208.2	207.0	209.1	210.8		
<b>[Billions of dollars]</b>										
<b>Receipts</b>	56.2	61.6	58.1	59.5	60.8	62.2	63.7	65.3		
Contributions for social insurance	35.1	37.9	36.1	36.9	37.5	38.2	38.9	39.6		
Personal contribution	9.2	10.0	9.5	9.7	9.9	10.1	10.3	10.5		
Employer contributions	25.9	27.9	26.7	27.2	27.7	28.1	28.6	29.2		
Government and government enterprises	23.6	25.5	24.3	24.9	25.3	25.7	26.2	26.6		
Other	2.3	2.4	2.3	2.3	2.3	2.4	2.5	2.5		
Interest and dividends received	21.1	23.7	22.0	22.6	23.3	24.0	24.9	25.7		
Expenditures	23.0	25.5	24.0	24.7	25.2	25.7	26.5	27.3		
Administrative expenses (purchases of goods and services)	.8	.9	.8	.8	.8	.9	.9	1.0		
Transfer payments to persons	22.3	24.6	23.2	23.9	24.4	24.8	25.5	26.4		
Surplus or deficit (-)	33.2	36.1	34.2	34.9	35.6	36.6	37.3	38.0		

Table 3.14:

Note.—In this table, interest and dividends received are included in receipts; in tables 3.2 and 3.3, interest received and dividends received are netted against expenditures.

Table 3.2.—Federal Government Receipts and Expenditures

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982	1983	1983				1984			
			IV	I	II	III	IV	I <sup>p</sup>		
<b>Receipts</b>	<b>617.4</b>	<b>644.7</b>	<b>612.6</b>	<b>623.3</b>	<b>652.6</b>	<b>645.2</b>	<b>657.5</b>	.....		
Personal tax and nontax receipts	304.7	295.9	303.0	297.7	304.2	286.9	295.0	302.4		
Income taxes	296.7	289.7	296.7	291.7	297.8	280.2	289.1	295.6		
Estate and gift taxes	7.6	5.9	6.0	5.7	6.1	6.3	5.5	6.4		
Nontaxes	.3	.3	.3	.3	.4	.4	.4	.4		
Corporate profits tax accruals	46.5	60.3	42.1	48.6	59.8	66.6	66.4	.....		
Indirect business tax and nontax accruals	48.3	54.0	48.3	48.6	56.0	55.5	55.8	55.9		
Excise taxes	32.4	36.4	32.4	33.3	38.6	37.0	36.8	37.1		
Customs duties	8.6	9.1	8.3	7.5	8.9	9.8	10.0	10.2		
Nontaxes	7.3	8.5	7.6	7.7	8.4	8.8	9.0	8.6		
Contributions for social insurance	217.9	234.4	219.3	228.5	232.6	236.2	240.3	256.9		
<b>Expenditures</b>	<b>764.4</b>	<b>826.3</b>	<b>820.9</b>	<b>806.6</b>	<b>818.7</b>	<b>832.5</b>	<b>847.3</b>	<b>860.6</b>		
Purchases of goods and services	258.7	274.8	279.2	273.5	273.7	278.1	274.1	275.0		
National defense	179.4	200.3	190.8	194.4	199.4	201.2	206.3	216.2		
Nondefense	79.3	74.5	88.5	79.1	74.3	76.9	67.8	58.8		
Transfer payments	321.1	345.4	344.8	340.3	347.0	343.5	350.9	347.6		
To persons	314.8	338.7	337.2	335.3	341.0	337.5	341.1	348.0		
To foreigners	6.3	6.7	7.6	5.0	6.0	6.0	9.7	4.5		
Grants-in-aid to State and local governments	83.9	86.5	85.0	85.8	86.7	87.2	86.4	89.6		
Net interest paid	84.9	96.5	89.1	88.4	91.8	101.0	104.6	107.8		
Interest paid	107.7	121.1	112.6	113.0	116.0	125.8	129.6	133.4		
To persons and business	89.5	108.4	93.8	95.4	98.6	108.1	111.5	114.8		
To foreigners	18.2	17.7	18.8	17.6	17.4	17.7	18.1	18.6		
Less: Interest received	22.8	24.7	23.5	24.6	24.2	24.8	25.0	25.7		
Subsidies less current surplus of government enterprises	15.8	22.6	22.8	18.6	18.2	22.3	31.3	40.7		
Subsidies	14.9	19.9	17.9	16.4	17.7	17.8	27.8	40.2		
Less: Current surplus of government enterprises	-.8	-2.7	-4.9	-2.3	-5	-4.5	-3.5	-.5		
Less: Wage accruals less disbursements	0	-.4	0	0	-1.3	-.4	0	0		
<b>Surplus or deficit (-), NIPA's</b>	<b>-147.1</b>	<b>-181.6</b>	<b>-208.2</b>	<b>-183.3</b>	<b>-166.1</b>	<b>-187.3</b>	<b>-189.8</b>	.....		
Social insurance funds	-29.0	-28.7	-43.9	-32.0	-31.4	-25.9	-25.6	-11.8		
Other	-118.0	-152.9	-164.3	-151.4	-134.7	-161.4	-164.3			

Table 3.3.—State and Local Government Receipts and Expenditures

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982	1983	1983				1984			
			IV	I	II	III	IV	I <sup>p</sup>		
<b>Receipts</b>	<b>439.1</b>	<b>483.5</b>	<b>450.7</b>	<b>461.7</b>	<b>478.7</b>	<b>492.7</b>	<b>500.7</b>	.....		
Personal tax and nontax receipts	97.4	110.5	101.2	104.1	108.4	113.3	116.4	118.9		
Income taxes	51.8	59.4	53.5	55.1	58.0	61.5	63.1	64.1		
Nontaxes	36.4	41.1	38.1	39.3	40.4	41.7	43.0	44.3		
Other	9.2	10.0	9.5	9.6	9.9	10.1	10.3	10.4		
Corporate profits tax accruals	12.7	16.6	11.9	12.9	16.2	18.4	18.9	.....		
Indirect business tax and nontax accruals	210.0	231.9	216.6	222.0	229.9	235.6	240.1	244.5		
Sales taxes	95.5	105.9	98.0	100.4	105.0	108.0	110.3	112.6		
Property taxes	85.1	94.4	88.8	91.2	93.5	95.5	97.3	98.7		
Other	29.3	31.6	29.8	30.5	31.3	32.1	32.6	33.2		
Contributions for social insurance	35.1	37.9	36.1	36.9	37.5	38.2	38.9	39.6		
Federal grants-in-aid	83.9	86.5	85.0	85.8	86.7	87.2	86.4	89.6		
<b>Expenditures</b>	<b>407.8</b>	<b>432.0</b>	<b>417.8</b>	<b>421.3</b>	<b>427.0</b>	<b>437.1</b>	<b>442.7</b>	<b>453.8</b>		
Purchases of goods and services	390.5	414.7	400.5	404.0	409.7	420.2	424.9	435.6		
Compensation of employees	223.0	240.5	229.5	233.8	238.1	242.6	247.2	252.3		
Other	167.5	174.2	171.0	170.1	171.5	177.6	177.7	183.3		
Transfer payments to persons	45.6	49.4	47.1	48.3	49.0	49.4	50.8	51.7		
Net interest paid	-19.8	-22.7	-21.1	-22.0	-22.5	-23.0	-23.4	-23.6		
Interest paid	29.9	33.8	31.5	32.3	33.3	34.3	35.4	36.6		
Less: Interest received	49.7	56.6	52.6	54.3	55.8	57.3	58.8	60.2		
Less: Dividends received	2.3	2.8	2.5	2.6	2.7	2.8	3.0	3.1		
Subsidies less current surplus of government enterprises	-6.3	-6.5	-6.2	-6.3	-6.4	-6.5	-6.7	-6.8		
Subsidies	.5	.5	.5	.5	.5	.5	.5	.6		
Less: Current surplus of government enterprises	6.7	7.0	6.7	6.8	6.9	7.1	7.2	7.3		
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0		
<b>Surplus or deficit (-), NIPA's</b>	<b>31.3</b>	<b>51.4</b>	<b>32.9</b>	<b>40.4</b>	<b>51.7</b>	<b>55.5</b>	<b>58.1</b>	.....		
Social insurance funds	33.2	36.1	34.2	34.9	35.6	36.6	37.3	38.0		
Other	-1.9	15.3	-1.2	5.5	16.1	18.9	20.8			

Table 3.7B-3.8B.—Government Purchases of Goods and Services by Type in Current and Constant Dollars

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982	1983	1983				1984			
			IV	I	II	III	IV	I <sup>p</sup>		
<b>Government purchases of goods and services</b>	<b>649.2</b>	<b>689.5</b>	<b>679.7</b>	<b>677.4</b>	<b>683.4</b>	<b>698.3</b>	<b>699.0</b>	<b>710.6</b>	<b>291.8</b>	<b>293.1</b>
Federal	258.7	274.8	279.2	273.5	273.7	278.1	274.1	275.0	116.6	117.8
National defense	179.4	200.3	190.8	194.4	199.4	201.2	206.3	216.2	78.8	84.3
Durable goods	49.6	59.2	53.6	55.3	60.1	58.5	62.9	66.0	21.7	24.3
Non durable goods	13.7	13.8	15.0	14.8	14.0	13.7	12.8	14.5	2.8	3.1
Services	112.2	122.8	118.1	120.3	120.7	124.2	126.0	131.2	52.6	54.9
Compensation of employees	68.4	71.8	70.6	71.5	71.7	71.8	72.1	74.7	33.9	34.2
Military	40.9	42.6	42.2	42.4	42.5	42.6	42.7	44.3	19.9	20.0
Civilian	27.5	29.2	28.4	29.1	29.2	29.4	30.3	30.3	14.0	14.2
Other services	33.8	51.0	47.5	48.8	49.0	52.4	53.9	56.5	18.7	20.7
Structures	3.8	4.5	4.1	3.9	4.6	4.7	4.4	4.4	1.7	1.8
Nondefense	79.3	74.5	88.5	79.1	74.3	76.9	67.8	58.8	37.8	33.6
Durable goods	3.1	3.5	3.4	3.5	3.5	3.1	3.8	3.8	1.5	1.6
Non durable goods	14.4	5.4	21.3	10.3	5.5	8.1	-2.4	-13.0	6.6	1.7
Commodity Credit Corporation: Inventory change	9.2	-1.2	16.1	4.3	-1.1	.6	-8.7	-18.7	4.9	-5
Other nondurables	5.2	6.6	5.2	6.0	6.6	7.5	6.3	5.7	1.7	1.8
Services	55.0	59.0	57.1	53.6	58.8	58.6	60.0	61.9	26.8	27.4
Compensation of employees	32.7	34.3	33.6	34.1	34.3	34.4	34.5	35.5	16.6	16.6
Other services	22.3	24.7	23.5	24.4	24.6	24.3	25.5	26.3	10.2	10.8
Structures	6.7	6.7	6.6	6.8	6.5	7.1	6.4	6.2	2.9	2.9
State and local	390.5	414.7	400.5	404.0	409.7	420.2	424.9	435.6	175.2	175.3
Durable goods	13.3	14.3	13.7	13.9	14.2	14.5	14.7	15.1	6.2	6.5
Non durable goods	31.3	32.0	31.6	30.8	31.4	32.5	33.2	34.1	11.7	12.1
Services	304.8	328.6	313.7	319.8	325.5	331.4	337.8	344.9	139.5	139.5
Compensation of employees	223.0	240.5	229.5	238.8	238.1	242.6	247.2	252.3	105.6	105.1
Other services	81.8	88.2	84.3	86.9	87.4	88.8	90.6	92.5	33.9	34.0
Structures	41.0									

Table 4.1-4.2.—Foreign Transactions in the National Income and Product Accounts in Current and Constant Dollars

	Billions of dollars										Billions of 1972 dollars										
	1982		1983		Seasonally adjusted at annual rates						1982		1983		Seasonally adjusted at annual rates						
					1982	I	II	III	IV	1984					1982	I	II	III	IV	1984	
	IV	I	II	III	IV	I <sup>p</sup>					IV	I	II	III	IV	I <sup>p</sup>					
Receipts from foreigners.....	347.6	335.4	321.6	326.9	327.1	341.1	346.5	357.7													
Exports of goods and services.....	347.6	335.4	321.6	326.9	327.1	341.1	346.5	357.7	147.3	138.7	136.5	137.3	136.2	140.7	140.6	143.9					
Merchandise.....	209.2	199.4	190.9	195.6	194.3	201.2	206.3	214.8	81.4	76.9	75.4	76.9	75.5	77.4	77.9	80.4					
Durable goods.....	119.5	114.2	108.7	111.8	112.4	114.7	117.9	123.6	44.4	41.7	40.2	41.2	41.2	41.8	42.7	44.3					
Non durable goods.....	89.8	85.2	82.2	83.8	81.9	86.5	88.4	91.1	37.0	35.2	35.7	34.3	35.5	35.2	36.1						
Services.....	138.4	136.1	130.8	131.3	132.8	139.8	140.2	143.0	65.9	61.8	61.1	60.4	60.7	63.3	62.7	63.5					
Factor income <sup>1</sup> .....	86.5	82.1	80.3	76.9	79.2	85.9	86.3	88.9	42.2	38.2	38.5	36.3	37.1	39.9	39.6	40.3					
Other.....	51.9	54.0	50.5	54.5	53.7	53.9	53.9	54.1	23.7	23.6	22.6	24.1	23.6	23.4	23.2	23.2					
Capital grants received by the United States (net).....	0	0	0	0	0	0	0	0													
Payments to foreigners.....	347.6	335.4	321.6	326.9	327.1	341.1	346.5	357.7													
Imports of goods and services.....	330.2	344.4	316.1	309.9	335.6	359.4	372.6	402.9	118.4	126.9	113.5	116.8	123.9	129.2	137.8	150.4					
Merchandise.....	244.5	258.9	235.0	230.9	251.3	272.7	280.8	307.5	79.7	88.9	77.0	81.4	86.2	90.7	97.1	108.4					
Durable goods.....	123.4	138.8	114.0	124.7	134.6	141.6	154.2	175.3	52.3	58.7	49.0	53.2	56.6	59.9	65.2	73.8					
Non durable goods.....	121.1	120.2	121.0	106.2	116.8	131.1	126.6	132.3	27.4	30.1	28.0	28.2	29.6	30.8	31.9	34.6					
Services.....	85.7	85.4	81.0	79.0	84.2	86.7	91.8	95.4	38.7	38.1	36.5	35.4	37.7	38.5	40.7	42.0					
Factor income <sup>1</sup> .....	39.3	36.4	34.3	32.6	35.1	37.9	40.0	42.5	19.1	16.9	16.4	15.4	16.4	17.6	18.3	19.3					
Other.....	46.4	49.1	46.7	46.5	49.2	48.8	51.8	52.9	19.5	21.2	20.1	20.0	21.3	20.9	22.4	22.7					
Transfer payments (net).....	7.5	7.9	8.7	6.1	7.1	7.2	11.2	5.8													
From persons (net).....	1.1	1.2	1.0	1.0	1.1	1.2	1.4	1.2													
From government (net).....	6.3	6.7	7.6	5.0	6.0	6.0	9.7	4.5													
Interest paid by government to foreigners.....	18.2	17.7	18.8	17.6	17.4	17.7	18.1	18.6													
Net foreign investment.....	-8.3	-34.6	-21.9	-6.7	-33.0	-43.2	-55.3	-69.6													

Table 4.1-4.2.

1. Equals rest-of-the-world production as shown in tables 1.5-1.6.

Table 4.3-4.4.—Merchandise Exports and Imports by Type of Product and by End-Use Category in Current and Constant Dollars

	Billions of dollars										Billions of 1972 dollars										
	1982		1983		Seasonally adjusted at annual rates						1982		1983		Seasonally adjusted at annual rates						
					1982	I	II	III	IV	I <sup>p</sup>					1982	I	II	III	IV	I <sup>p</sup>	
	IV	I	II	III	IV	I <sup>p</sup>					IV	I	II	III	IV	I <sup>p</sup>					
Merchandise exports.....	209.2	199.4	190.9	195.6	194.3	201.2	206.3	214.8	81.4	76.9	75.4	76.9	75.5	77.4	77.9	80.4					
Foods, feeds, and beverages.....	31.6	31.4	27.4	31.6	30.0	31.5	32.5	35.2	14.5	13.9	13.3	14.8	13.6	13.7	13.3	14.4					
Industrial supplies and materials.....	61.6	56.6	57.4	55.0	55.4	57.9	58.2	58.8	21.7	20.5	20.7	20.0	20.2	21.1	20.8	20.9					
Durable goods.....	16.9	16.2	15.7	15.0	15.9	16.8	16.8	17.2	5.9	5.9	5.7	5.5	5.8	6.1	6.0	6.1					
Non durable goods.....	44.7	40.5	41.6	39.9	39.5	41.1	41.4	41.6	15.7	14.7	15.0	14.5	14.4	15.0	14.8						
Capital goods, except autos.....	73.8	68.3	67.4	69.4	67.9	67.0	68.9	71.0	28.4	25.9	25.7	26.4	25.7	25.3	26.0	26.6					
Autos.....	17.1	18.5	14.3	16.6	18.2	19.0	20.1	23.3	5.4	5.6	4.4	5.1	5.6	5.8	6.0	6.9					
Consumer goods.....	14.8	14.0	14.3	13.8	13.7	14.3	14.1	14.0	7.4	7.0	7.3	7.0	6.9	7.1	7.1	7.0					
Durable goods.....	6.5	6.0	6.1	6.1	5.8	6.1	5.8	5.9	2.6	2.4	2.4	2.4	2.5	2.4	2.4	2.4					
Non durable goods.....	8.3	8.0	8.1	7.7	7.8	8.2	8.3	8.1	4.8	4.6	4.8	4.6	4.6	4.7	4.7	4.6					
Other.....	10.3	10.6	10.0	9.2	9.2	11.5	12.5	12.5	4.0	4.1	4.0	4.0	3.6	4.4	4.7	4.7					
Durable goods.....	5.1	5.3	5.0	4.6	4.6	5.8	6.2	6.2	2.0	2.0	2.0	1.8	2.2	2.4	2.3	2.3					
Non durable goods.....	5.1	5.3	5.0	4.6	4.6	5.8	6.2	6.2	2.0	2.0	2.0	1.8	2.2	2.4	2.3						
Merchandise imports.....	244.5	258.9	235.0	230.9	251.3	272.7	280.8	307.5	79.7	88.9	77.0	81.4	86.2	90.7	97.1	108.4					
Foods, feeds, and beverages.....	17.1	18.2	17.7	17.7	18.2	18.5	18.4	20.4	7.2	7.7	7.4	7.6	7.7	7.7	7.7	8.4					
Industrial supplies and materials, excluding petroleum.....	46.7	51.1	44.6	47.8	50.5	52.4	53.9	59.6	16.3	18.9	16.1	17.5	18.5	19.2	20.3	22.2					
Durable goods.....	23.9	26.6	22.0	23.2	26.4	28.9	28.0	31.6	8.3	9.8	7.9	8.5	9.7	10.6	10.5	11.8					
Non durable goods.....	22.8	24.5	22.7	24.5	24.1	23.5	26.0	28.0	8.0	9.1	8.2	9.0	8.8	8.6	9.8						
Petroleum and products.....	61.2	54.3	60.5	42.0	52.1	66.3	56.7	54.0	5.1	5.0	5.0	3.6	4.9	6.1	5.2	5.0					
Capital goods, except autos.....	38.3	40.9	34.5	37.2	38.6	41.8	46.1	53.0	18.9	20.4	17.3	18.5	19.0	20.8	23.0	26.2					
Autos.....	34.3	42.0	31.3	36.9	41.1	41.5	48.8	54.0	11.5	13.7	10.5	12.2	13.5	13.6	15.6	17.1					
Consumer goods.....	39.7	44.9	39.0	43.2	43.8	44.1	48.6	58.8	17.9	20.2	17.7	19.4	19.7	19.9	21.9	26.3					
Durable goods.....	23.3	25.5	22.5	24.3	25.0	25.3	27.3	32.8	12.1	13.3	11.8	12.7	13.0	13.2	14.4	17.1					
Non durable goods.....	16.4	19.4	16.5	18.8	18.8	18.8	21.3	26.0	5.8	6.9	5.8	6.7	6.8	6.7	7.5	9.2					
Other.....	7.2	7.4	7.3	6.2	7.1	8.0	8.3	7.8	2.9	3.0	3.0	2.6	2.9	3.3	3.4	3.2					
Durable goods.....	3.6	3.7	3.6	3.1	3.6	4.0	4.2	3.9	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6					
Non durable goods.....	3.6	3.7	3.6	3.1	3.6	4.0	4.2	3.9	1.5	1.5	1.5	1.5									

Table 5.1.—Gross Saving and Investment

	Billions of dollars						
	Seasonally adjusted at annual rates						
	1982	1983	1983			1984	
			IV	I	II	III	IV
Gross saving .....	405.8	439.6	351.3	398.5	420.6	455.4	484.0
Gross private saving .....	521.6	569.9	526.6	541.5	535.0	587.5	615.7
Personal saving .....	125.4	113.6	120.8	121.7	91.5	115.8	125.6
Undistributed corporate profits with IVA and CCAdj .....	37.0	78.9	37.5	48.9	70.1	89.7	107.0
Undistributed profits .....	46.4	57.3	43.1	36.7	55.2	70.4	67.0
IVA .....	-8.4	-9.2	-10.3	-1.7	-10.6	-18.3	-6.3
CCAdj .....	-1.1	30.8	4.7	13.9	25.6	37.6	46.2
Capital consumption allowances with CCAdj:							
Corporate .....	222.0	231.6	227.7	228.3	229.8	233.1	235.2
Noncorporate .....	137.2	145.7	140.5	142.6	143.5	148.6	148.0
Wage accrals less disbursements .....	0	0	0	0	0	0	0
Government surplus or deficit (-), NIPA's .....	-115.8	-130.2	-175.3	-142.9	-114.4	-131.8	-131.8
Federal .....	-147.1	-181.6	-208.2	-183.3	-166.1	-187.3	-189.8
State and local .....	31.3	51.4	32.9	40.4	51.7	55.5	58.1
Capital grants received by the United States (net) .....	0	0	0	0	0	0	0
Gross investment .....	406.2	437.4	355.5	397.4	417.1	457.9	477.1
Gross private domestic investment .....	414.5	471.9	377.4	404.1	450.1	501.1	532.5
Net foreign investment .....	-8.3	-34.6	-21.9	-6.7	-33.0	-43.2	-55.3
Statistical discrepancy .....	.5	-2.3	4.2	-1.2	-3.5	2.5	-6.8

Table 5.8-5.9.—Change in Business Inventories by Industry in Current and Constant Dollars

	Billions of dollars						
	Seasonally adjusted at annual rates						
	1982	1983	1983			1984	
			IV	I	II	III	IV
Change in business inventories .....	-24.5	-6.4	-56.4	-39.4	-14.5	8.5	19.6
Farm .....	-1.4	-3.7	-2.7	-4	-4.2	-9.9	-1
Nonfarm .....	-23.1	-2.8	-53.7	-39.0	-10.3	18.4	19.7
Change in book value .....	-13.9	7.3	-42.4	-37.7	1.5	38.8	26.7
IVA <sup>1</sup> .....	-9.3	-10.1	-11.3	-1.3	-11.8	-20.4	-7.0
Manufacturing .....	-20.6	-8.3	-32.4	-29.9	-3.1	2.5	-2.6
Durable goods .....	-14.1	-6.6	-25.3	-24.2	-1	-2.5	3.6
Nondurable goods .....	-6.4	-1.7	-7.1	-5.7	-3.2	5.0	-2.9
Wholesale trade .....	-2.1	-2.1	-5.7	-18.1	-7.7	8.9	8.5
Durable goods .....	-1.0	-1.9	-9.5	-16.0	-7.5	9.5	6.2
Nondurable goods .....	-1.0	-1	3.8	-2.0	-1	-7	2.3
Merchant wholesalers .....	2	-1.1	-5.1	-13.1	-7.6	7.2	9.2
Durable goods .....	2	-1.7	-7.5	-14.6	-7.7	9.5	5.9
Nondurable goods .....	0	.7	2.4	1.5	.1	-2.3	5.1
Nonmerchant wholesalers .....	-2.2	-1.0	-6	-5.0	-1	1.7	-7
Durable goods .....	-1.2	-2	-2.0	-1.4	.1	0	4
Nondurable goods .....	-1.0	-8	1.4	-3.6	-2	1.7	-1.1
Retail trade .....	-1.0	8.5	-9.2	6.9	3.9	8.1	15.1
Durable goods .....	-1.0	5.2	-10.4	3.5	-7	6.0	12.0
Nondurable goods .....	0	3.3	1.3	3.4	4.6	2.1	3.1
Other .....	.5	-9	-6.5	2.1	-3.4	-1.0	-1.3
Durable goods .....	.7	-6	2	-1.5	-7	.1	-3
Nondurable goods .....	-2	-3	-6.7	3.6	-2.7	-1.1	-1.0
Change in business inventories .....	-9.4	-2.1	-22.7	-15.4	-5.4	3.8	8.7
Farm .....	-8	-1.9	-1.6	-3	-2.1	-5.0	-1
Nonfarm .....	-8.6	-2	-21.1	-15.1	-3.3	8.8	8.8
Manufacturing .....	-8.4	-3.1	-13.6	-12.3	-8	1.4	-5
Durable goods .....	-6.0	-2.6	-10.6	-10.1	.2	-9	.5
Nondurable goods .....	-2.4	-5	-3.0	-2.2	-1.0	2.3	-1.0
Wholesale trade .....	-1	-5	-2.4	-6.7	-2.9	4.1	3.5
Durable goods .....	-3	-7	-3.8	-6.7	-3.1	4.0	2.8
Nondurable goods .....	2	2	1.4	0	3	.1	.7
Merchant wholesalers .....	.6	-2	-1.6	-5.3	-2.9	3.8	3.6
Durable goods .....	.2	-6	-3.0	-6.1	-3.2	4.0	2.7
Nondurable goods .....	.4	4	1.4	.7	.3	-3	.9
Nonmerchant wholesalers .....	.8	-2	-9	-1.3	.1	.3	0
Durable goods .....	.5	-1	-8	-6	.1	0	2
Nondurable goods .....	-2	-1	0	-7	0	3	-2
Retail trade .....	-5	3.7	-4.1	3.1	1.7	3.8	6.3
Durable goods .....	-5	2.3	-4.6	1.7	-5	2.6	5.3
Nondurable goods .....	0	1.5	.5	1.4	2.2	1.2	1.1
Other .....	.4	-4	-1.0	.8	-1.3	-5	-6
Durable goods .....	.3	-3	.1	-6	-3	0	-1
Nondurable goods .....	.1	-1	-1.1	1.4	-1.0	-5	-5

Table 5.10-5.11.—Inventories and Final Sales of Business in Current and Constant Dollars

	Billions of dollars						
	Seasonally adjusted quarterly totals						
	1982	1983			1984		
		IV	I	II	III	IV	I <sup>p</sup>
Inventories <sup>1</sup> .....	798.4	791.5	793.9	807.5	816.4	840.6	
Farm .....	80.7	84.3	82.6	81.9	86.1	93.3	
Nonfarm .....	717.7	707.1	711.3	725.5	730.2	747.3	
Durable goods .....	407.3	399.8	401.5	409.5	415.0	423.7	
Nondurable goods .....	310.4	307.8	309.8	316.1	315.3	323.6	
Manufacturing .....	341.5	332.7	334.9	341.1	340.8	346.6	
Durable goods .....	220.2	214.3	216.6	219.1	219.5	223.0	
Nondurable goods .....	121.4	118.4	118.8	122.0	121.3	123.5	
Wholesale trade .....	163.5	159.1	159.2	164.1	166.2	169.3	
Durable goods .....	104.1	100.9	100.0	103.0	105.1	106.6	
Nondurable goods .....	59.5	58.1	59.2	61.0	61.1	62.7	
Merchant wholesalers .....	134.2	131.8	131.3	135.2	137.8	140.5	
Durable goods .....	88.8	86.0	84.8	87.7	89.6	90.9	
Nondurable goods .....	45.4	45.8	46.5	47.5	48.2	49.6	
Nonmerchant wholesalers .....	29.3	27.3	27.9	28.9	28.4	28.9	
Durable goods .....	15.2	15.0	15.2	15.4	15.5	15.8	
Nondurable goods .....	14.1	12.3	12.7	13.5	12.9	13.1	
Retail trade .....	141.3	143.3	145.6	149.3	153.2	160.5	
Durable goods .....	64.3	65.8	66.1	68.4	71.4	74.9	
Nondurable goods .....	77.1	77.4	79.5	80.9	81.8	85.6	
Other .....	71.3	72.1	71.6	71.1	70.1	70.9	
Final sales <sup>2</sup> .....	223.0	226.2	232.0	236.8	241.6	246.0	
Final sales of goods and structures .....	133.8	135.2	138.6	141.9	144.8	147.3	
Ratio: Inventories to final sales .....	3.58	3.50	3.42	3.41	3.38	3.42	
Nonfarm inventories to final sales .....	3.22	3.13	3.07	3.06	3.02	3.04	
Nonfarm inventories to final sales of goods and structures .....	4.56	5.23	5.13	5.11	5.04	5.07	

Table 5.8-5.9:

1. The IVA shown in this table differs from that which adjusts business income. 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. The mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

Table 5.10-5.11:

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 quarter rates, whereas CBI is stated at annual rates. Quarter-to-quarter changes calculated from the constant-dollar inventories shown in 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 6.4.—National Income Without Capital Consumption Adjustment by Industry**

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982	1983	1983					1984		
			IV	I	II	III	IV			
National income without CCAdj.	2,492.4	2,655.1	2,508.1	2,553.0	2,622.6	2,685.6	2,759.2			
Domestic industries	2,445.1	2,609.4	2,462.1	2,508.7	2,578.4	2,637.5	2,712.9			
Private industries	2,081.6	2,220.2	2,087.8	2,127.5	2,192.2	2,245.4	2,316.0			
Agriculture, forestry, and fisheries	68.4	68.9	73.4	69.7	68.6	63.7	73.4			
Mining	39.8	35.4	33.9	34.6	33.0	36.1	37.9			
Construction	106.7	113.5	106.2	108.4	111.9	116.4	117.5			
Manufacturing	548.9	593.0	530.3	551.9	581.6	607.6	630.8			
Durable goods	316.7	345.3	298.5	318.9	337.7	353.5	371.2			
Nondurable goods	232.2	247.6	231.7	233.0	243.8	254.1	259.6			
Transportation and public utilities	199.9	205.0	197.7	198.8	204.4	205.0	211.9			
Transportation	83.0	85.0	81.5	82.1	83.8	86.6	87.4			
Communication	60.2	59.2	59.7	60.0	60.9	56.1	59.8			
Electric, gas, and sanitary services	56.7	60.9	56.5	56.8	59.7	62.3	64.8			
Wholesale trade	152.4	161.4	151.0	151.1	159.4	164.8	170.5			
Retail trade	209.7	226.1	215.8	218.8	223.6	228.7	233.5			
Finance, insurance, and real estate	369.8	394.3	379.5	386.6	392.7	395.7	402.4			
Services	386.0	422.5	400.1	407.6	417.1	427.4	438.1			
Government and government enterprises	363.5	389.1	374.3	381.2	386.3	392.2	396.9			
Rest of the world	47.3	45.7	46.0	44.3	44.1	48.1	46.3	46.3		

**Table 6.20.—Corporate Profits by Industry**

	Billions of dollars									
	Seasonally adjusted at annual rates									
	1982	1983	1983					1984		
			IV	I	II	III	IV			
Corporate profits with IVA and CCAdj.	164.8	229.1	161.9	181.8	218.2	248.4	268.2			
Domestic industries	143.0	207.7	137.8	161.6	197.7	225.0	246.5			
Financial	19.0	29.9	23.5	27.8	32.1	30.5	29.3			
Nonfinancial	124.0	177.8	114.3	133.9	165.7	194.5	217.2			
Rest of the world	21.8	21.4	24.1	20.2	20.5	23.4	21.7			
Corporate profits with IVA	165.9	198.3	157.2	168.0	192.7	210.8	222.0			
Domestic industries	144.1	176.9	133.1	147.8	172.2	187.4	200.3			
Financial	20.9	31.5	25.5	29.8	33.8	31.9	30.6			
Federal Reserve Banks	15.4	15.0	14.9	14.4	14.6	15.2	15.7			
Other	5.5	16.6	10.6	15.4	19.2	16.8	14.9			
Nonfinancial	123.2	145.4	107.6	118.0	138.4	155.5	169.6			
Manufacturing	59.0	72.0	48.3	53.7	68.1	78.2	88.1			
Durable goods	9.8	19.9	1.2	10.0	18.3	21.3	30.0			
Primary metal industries	-5.4	-7	-6.0	-1.6	-1.1	-6	.4			
Fabricated metal products	3.2	4.0	2.1	2.8	4.0	3.9	5.4			
Machinery, except electrical	4.8	2.4	1.8	1.1	2.9	2.3	3.2			
Electric and electronic equipment	4.3	3.3	2.4	3.5	3.0	2.7	4.0			
Motor vehicles and equipment	.4	7.7	-1.2	3.0	5.6	10.2	12.1			
Other	2.5	3.2	2.2	1.2	3.9	2.8	5.0			
Nondurable goods	49.2	52.1	47.1	43.6	49.9	56.9	58.1			
Food and kindred products	7.3	6.8	7.2	6.9	6.9	6.3	7.0			
Chemicals and allied products	4.9	6.0	3.0	4.8	5.5	6.8	7.0			
Petroleum and coal products	24.8	21.4	28.5	15.9	20.0	24.7	24.9			
Other	12.2	17.9	13.4	16.0	17.4	19.1	19.2			
Transportation and public utilities	17.5	20.7	14.9	17.4	20.4	22.5	22.6			
Wholesale and retail trade	27.6	34.7	27.5	27.8	33.9	36.7	40.2			
Other	19.1	18.0	16.9	19.2	16.0	18.1	18.7			
Rest of the world	21.8	21.4	24.1	20.2	20.5	23.4	21.7			

**Table 7.1.—Implicit Price Deflators for Gross National Product**

	Index numbers, 1972=100									
	1982	1983	Seasonally adjusted							
			1982		1983		1984			
			IV	I	II	III	IV	I <sup>p</sup>	IV	I <sup>p</sup>
Gross national product	206.88	215.63	210.00	212.83	214.55	216.44	218.53	220.73		
Personal consumption expenditures	205.3	213.4	209.0	210.1	212.5	214.7	216.1	217.8		
Durable goods	174.8	178.7	176.1	177.3	177.5	179.1	180.7	180.5		
Nondurable goods	209.0	213.8	211.2	210.6	213.4	215.5	215.7	217.6		
Services	211.6	224.3	217.2	219.8	223.1	225.7	228.6	231.2		
Gross private domestic investment	215.3	216.3	215.7	215.9	215.5	217.0	216.8	217.0		
Fixed investment	209.7	206.8	209.9	207.7	206.3	206.3	207.0	206.6		
Nonresidential	265.8	263.9	264.3	265.4	264.0	263.7	263.7	262.5		
Structures	183.1	182.9	183.2	181.8	182.1	182.7	184.8	184.1		
Producers' durable equipment	240.2	246.8	238.4	244.9	243.9	249.0	248.7	249.3		
Residential	244.0	249.8	241.5	248.2	246.8	251.9	251.7	252.2		
Nonfarm structures	245.9	251.2	249.9	248.2	249.8	251.5	254.7	257.9		
Farm structures	168.7	172.5	171.1	171.7	171.5	172.4	174.2	173.9		
Producers' durable equipment										
Change in business inventories										
Net exports of goods and services	236.0	241.8	235.6	238.0	240.2	242.5	246.4	248.6		
Exports	238.9	271.3	278.5	265.4	270.7	278.1	270.3	267.9		
Imports										
Government purchases of goods and services	222.5	235.2	226.8	231.3	234.0	236.5	239.1	243.6		
Federal	222.0	233.3	224.4	230.9	232.7	233.8	235.6	240.4		
National defense	227.7	237.7	234.3	234.9	236.7	238.8	240.3	246.1		
Nondefense	210.0	220.0	205.7	221.7	222.6	221.7	222.2	221.5		
State and local	222.9	236.6	228.5	231.6	234.8	238.3	241.5	245.6		

**Table 7.2.—Fixed-Weighted Price Indexes for Gross National Product, 1972 Weights**

	Index numbers, 1972=100									
	1982	1983	Seasonally adjusted							
			1982		1983		1984			
			IV	I	II	III	IV	I <sup>p</sup>	IV	I <sup>p</sup>
Gross national product	214.7	223.9	218.7	220.6	222.9	225.5	227.8	230.4		
Personal consumption expenditures	213.2	221.9	217.4	218.3	220.9	223.3	225.6	228.1		
Durable goods	181.2	185.9	182.9	183.9	184.8	186.6	188.4	189.1		
Nondurable goods	219.0	223.3	221.7	220.0	222.7	224.4	226.0	228.3		
Services	218.9	233.0	225.3	228.5	231.6	234.8	238.0	241.2		
Gross private domestic investment	231.5	234.9	232.5	235.6	235.2	237.4	237.9	238.8		
Fixed investment	225.7	230.3	228.6	229.9	230.1	230.9	231.8	232.9		
Nonresidential	246.2	248.5	248.2	248.1	247.5	248.4	249.9	250.9		
Structures	214.0	219.9	217.4	219.4	220.1	220.8	221.4	222.5		
Producers' durable equipment	242.4	243.6	240.0	246.5	244.9	249.7	249.5	249.9		
Residential										
Change in business inventories										
Net exports of goods and services	244.1	249.1	243.9	245.8	247.4	249.8	253.5	255.1		
Exports	309.4	298.8	306.1	303						

**Table 7.3.—Implicit Price Deflators for Gross National Product by Major Type of Product**

	Index numbers, 1972=100									
	1982	1983	Seasonally adjusted							
			1982		1983			1984		
			IV	I	II	III	IV	I <sup>p</sup>		
Gross national product .....	206.88	215.63	210.00	212.83	214.55	216.44	218.53	220.73		
Final sales .....	207.2	215.8	210.6	213.3	214.7	216.4	218.5	220.5		
Change in business inventories .....										
Goods .....	193.6	198.4	194.0	196.7	197.5	198.7	200.6	202.2		
Final sales .....	194.5	198.8	195.8	198.1	198.1	198.5	200.3	201.0		
Change in business inventories .....										
Durable goods .....	185.7	188.3	184.9	184.8	186.8	189.7	191.3	190.6		
Final sales .....	187.0	188.8	188.5	188.1	187.5	189.0	190.7	189.8		
Change in business inventories .....										
Non durable goods .....	199.0	205.9	199.9	204.6	205.3	205.4	208.0	211.0		
Final sales .....	199.8	206.1	200.8	205.1	205.9	205.5	207.8	209.8		
Change in business inventories .....										
Services .....	212.2	225.8	218.2	221.3	224.5	227.1	230.1	233.5		
Structures .....	251.9	252.4	250.2	252.0	250.9	253.1	253.5	253.3		
Addenda:										
Gross domestic purchases <sup>1</sup> .....	209.8	217.9	212.9	214.7	216.8	219.2	220.6	222.7		
Final sales to domestic purchasers <sup>1</sup> .....	210.1	218.0	213.5	215.1	217.0	219.2	220.5	222.5		

**Table 7.4.—Implicit Price Deflators for Gross National Product by Sector**

	1982	1983	1982	1983	1984	1982	1983	1984	1982	1983
			IV	I	II	III	IV	I <sup>p</sup>		
Gross national product .....	206.88	215.63	210.00	212.83	214.55	216.44	218.53	220.73		
Gross domestic product .....	206.9	215.6	210.0	212.9	214.6	216.5	218.5	220.7		
Business .....	206.0	213.9	208.5	211.3	212.9	214.7	216.7	218.6		
Nonfarm .....	206.5	214.5	209.3	212.0	213.5	215.3	217.3	218.7		
Nonfarm less housing .....	208.9	216.7	211.5	214.2	215.6	217.3	219.3	220.6		
Housing .....	188.1	198.3	192.7	195.0	197.1	199.4	201.6	203.5		
Farm .....	190.2	192.5	186.5	191.2	192.8	192.6	193.5	213.5		
Statistical discrepancy .....	206.0	213.9	208.5	211.3	212.9	214.7	216.7	218.6		
Households and institutions .....	229.2	241.9	236.4	238.0	241.1	243.0	245.4	246.6		
Private households .....	234.2	236.6	234.5	234.7	237.6	237.2	236.8	237.2		
Nonprofit institutions .....	228.8	242.3	236.5	238.3	241.4	243.5	246.1	247.3		
Government .....	207.7	222.1	214.1	217.7	220.6	223.6	226.4	231.9		
Federal .....	200.4	208.7	205.4	207.8	208.4	209.0	209.7	216.7		
State and local .....	211.2	228.5	218.3	222.5	226.5	230.6	234.5	239.3		
Rest of the world .....	205.1	214.7	208.4	211.6	213.6	215.6	217.9	220.4		
Addendum:										
Gross domestic business product less housing .....	207.7									

**Table 7.5.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income**

	1982	1983	1982	1983	1984	1982	1983	1984	1982	1983
			IV	I	II	III	IV	I <sup>p</sup>		
Gross national product .....	206.88	215.63	210.00	212.83	214.55	216.44	218.53	220.73		
Less: Capital consumption allowances with CCAdj .....	221.0	223.1	222.5	223.1	222.5	223.7	223.3	223.6		
Equals: Net national product .....	205.1	214.7	208.4	211.6	213.6	215.6	217.9	220.4		
Less:										
Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises .....	178.5	185.5	179.0	181.9	189.4	188.5	182.3	176.4		
Statistical discrepancy .....	206.0	213.9	208.5	211.3	212.9	214.7	216.7	.....		
Equals: National income .....	208.5	218.4	212.1	215.3	216.6	219.0	222.4	.....		

Table 7.3:

1. Gross domestic purchases equals GNP less exports plus imports; final sales to domestic purchasers equals final sales less exports plus imports.

Table 7.7:

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

Table 7.8:

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

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

Table 7.9:

1. Includes new trucks only.

**Table 7.7.—Current-Dollar Cost and Profit Per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business**

	Dollars									
	1982	1983	Seasonally adjusted							
			1982		1983			1984		
			IV	I	II	III	IV	I <sup>p</sup>		
Current-dollar cost and profit per unit of constant-dollar gross domestic product <sup>1</sup> .....	2.072	2.147	2.097	2.123	2.136	2.153	2.172	.....		
Capital consumption allowances with CCAdj .....	.245	.244	.254	.252	.245	.241	.238	.....		
Net domestic product .....	1.827	1.903	1.843	1.872	1.892	1.911	1.934	.....		
Indirect business tax and nontax liability plus business transfer payments less subsidies .....	.209	.220	.215	.218	.223	.221	.219	.....		
Domestic income .....	1.618	1.683	1.627	1.654	1.669	1.690	1.715	.....		
Compensation of employees .....	1.397	1.418	1.419	1.428	1.416	1.412	1.416	.....		
Corporate profits with IVA and CCAdj .....	.145	.199	.185	.156	.187	.214	.234	.....		
Profits tax liability .....	.048	.063	.040	.049	.062	.070	.089	.....		
Profits after tax with IVA and CCAdj .....	.097	.136	.095	.108	.125	.144	.165	.....		
Net interest .....	.076	.066	.073	.070	.066	.065	.065	.....		

**Table 7.8.—Implicit Price Deflators for Auto Output**

	Index numbers, 1972=100									
	1982	1983	Seasonally adjusted							
			1982		1983			1984		
			IV	I	II	III	IV	I <sup>p</sup>		
Auto output .....	173.1	178.0	172.5	175.0	176.0	179.1	180.9	181.3		
Final sales .....	173.4	178.2	174.7	176.0	178.0	178.7	179.9	179.6		
Personal consumption expenditures .....	199.1	206.9	199.9	203.7	203.2	207.8	212.2	211.5		
New autos .....	177.8	182.4	178.9	181.0	181.0	182.3	185.1	185.9		
Net purchases of used autos .....										
Producers' durable equipment .....	132.4	124.3	128.9	128.4	127.1	124.8	118.3	119.1		
New autos .....	177.8	182.5	178.9	180.9	180.9	182.4	185.1	185.9		
Net purchases of used autos .....										
Net exports .....										
Exports .....	182.0	189.5	182.6	187.2	188.6	192.3	189.7	190.0		
Imports .....	241.0	246.0	245.1	244.3	240.2	252.6	247.1	244.3		
Government purchases .....	147.9	150.1	148.5	150.1	149.2	150.8	150.2	149.4		
Change in business .....										
Addenda:										
Domestic output of new autos <sup>1</sup> .....	177.8	183.0	178.4	181.0	181.2	183.1	185.5	186.1		
Sales of imported new autos <sup>2</sup> .....	177.8	182.4	179.0	180.9	181.0	182.3	185.1	185.9		

**Table 7.9.—Implicit Price Deflators for Truck Output**

**Table 7.14B.—Implicit Price Deflators for Government Purchases of Goods and Services by Type**

	Index numbers, 1972=100								
	1982	1983	Seasonally adjusted						
			IV	I	II	III	IV	1 <sup>p</sup>	
<b>Government purchases of goods and services.....</b>	<b>222.5</b>	<b>235.2</b>	<b>226.8</b>	<b>231.3</b>	<b>234.0</b>	<b>236.5</b>	<b>239.1</b>	<b>243.6</b>	
<b>Federal.....</b>	<b>222.0</b>	<b>233.3</b>	<b>224.4</b>	<b>230.9</b>	<b>232.7</b>	<b>233.8</b>	<b>235.6</b>	<b>240.4</b>	
National defense.....	227.7	237.7	234.3	234.9	236.7	238.8	240.3	246.1	
Durable goods.....	228.4	243.1	235.1	234.8	238.2	246.9	252.2	254.2	
Non durable goods.....	488.3	449.2	501.9	471.7	483.8	443.8	426.5	436.5	
Services.....	213.6	223.8	219.4	221.6	224.0	224.3	225.3	231.6	
Compensation of employees.....	201.9	209.7	207.1	208.9	209.4	210.0	210.6	217.8	
Military.....	205.7	212.5	211.5	211.8	212.2	212.8	213.1	220.8	
Civilian.....	196.4	205.9	200.9	204.8	205.4	206.1	207.1	213.5	
Other services.....	234.8	247.1	240.6	243.3	249.3	247.2	248.5	252.8	
Structures.....	224.3	229.5	222.8	225.2	227.7	231.6	232.9	235.0	
Nondefense.....	210.0	222.0	205.7	221.7	222.6	221.7	222.2	221.5	
Durable goods.....	210.0	215.8	213.9	213.8	215.2	214.9	219.1	220.6	
Non durable goods.....									
Commodity Credit Corporation inventory change.....									
Other nondurables.....	302.0	308.2	296.6	293.6	294.3	341.7	302.3	276.5	
Services.....	205.6	215.3	210.3	213.7	214.7	215.5	217.2	222.2	
Compensation of employees.....	197.5	206.7	201.9	205.6	206.2	206.9	207.9	214.4	
Other services.....	218.7	228.5	223.6	226.1	227.7	229.0	231.1	238.7	
Structures.....	231.7	233.6	231.9	233.1	232.9	234.2	234.0	235.6	
State and local.....	222.9	236.6	228.5	231.6	234.8	238.3	241.5	245.6	
Durable goods.....	212.8	219.6	215.5	217.2	219.0	220.4	221.8	228.8	
Non durable goods.....	267.1	263.5	268.7	259.4	262.0	265.6	266.9	269.5	
Services.....	218.5	235.5	225.5	229.8	233.6	237.5	241.3	246.0	
Compensation of employees.....	211.2	228.5	218.3	222.5	226.5	230.6	234.5	239.3	
Other services.....	241.0	257.1	247.8	252.2	255.3	258.5	262.3	266.5	
Structures.....	231.9	232.4	230.1	232.2	232.0	233.2	232.1	233.8	

**Table 7.16.—Implicit Price Deflators for Exports and Imports of Goods and Services**

	Index numbers, 1972=100								
	1982	1983	Seasonally adjusted						
			IV	I	II	III	IV	1 <sup>p</sup>	
<b>Exports of goods and services.....</b>	<b>236.0</b>	<b>241.8</b>	<b>235.6</b>	<b>238.0</b>	<b>240.2</b>	<b>242.5</b>	<b>246.4</b>	<b>248.6</b>	
Merchandise.....	257.0	259.1	253.1	254.3	257.2	260.0	264.9	267.1	
Durable goods.....	269.2	273.6	270.0	271.2	272.8	274.1	276.1	279.0	
Non durable goods.....	242.4	242.0	233.7	234.7	238.4	243.5	251.3	252.4	
Services.....	210.0	220.2	214.0	217.4	219.0	221.0	228.4	225.2	
Factor income.....	205.1	214.7	208.4	211.6	213.6	215.5	217.9	220.4	
Other.....	218.8	229.2	223.4	226.2	227.5	230.3	232.8	233.4	
<b>Imports of goods and services.....</b>	<b>278.9</b>	<b>271.3</b>	<b>278.5</b>	<b>265.4</b>	<b>270.7</b>	<b>278.1</b>	<b>270.3</b>	<b>267.9</b>	
Merchandise.....	306.8	291.4	305.4	283.8	291.5	300.5	289.1	283.8	
Durable goods.....	236.1	236.3	232.7	234.5	237.6	236.3	236.6	237.7	
Non durable goods.....	441.3	398.8	433.0	376.9	394.6	425.3	396.4	382.1	
Services.....	221.4	224.3	221.7	223.1	223.4	225.3	225.4	227.0	
Factor income.....	205.0	214.8	208.4	211.6	213.6	215.5	217.9	220.4	
Other.....	237.5	232.0	232.5	232.0	231.0	233.5	231.5	232.7	

**Table 7.17.—Implicit Price Deflators for Merchandise Exports and Imports by Type of Product and by End-Use Category**

	Index numbers, 1972=100								
	1982	1983	Seasonally adjusted						
			IV	I	II	III	IV	1 <sup>p</sup>	
<b>Merchandise exports.....</b>	<b>257.0</b>	<b>259.1</b>	<b>253.1</b>	<b>254.3</b>	<b>257.2</b>	<b>260.0</b>	<b>264.9</b>	<b>267.1</b>	
Foods, feeds, and beverages.....	218.0	226.5	205.4	213.7	220.1	229.7	244.0	244.9	
Industrial supplies and materials.....	284.3	276.1	277.1	275.1	274.5	274.9	280.0	281.8	
Durable goods.....	284.3	276.2	277.1	275.0	274.5	275.0	280.0	281.8	
Non durable goods.....	284.4	276.1	277.1	275.1	274.5	274.9	280.0	281.8	
Capital goods, except autos.....	259.6	264.1	262.2	262.6	263.8	264.7	265.3	267.0	
Autos.....	316.7	330.1	323.4	325.2	327.1	331.0	336.0	338.1	
Consumer goods.....	200.1	198.8	197.1	197.5	198.4	200.6	198.8	199.3	
Durable goods.....	250.9	249.9	252.6	255.9	249.9	248.6	245.4	247.5	
Non durable goods.....	172.6	172.6	169.0	167.4	172.1	175.3	175.4	174.6	
Other.....	256.8	259.5	253.1	254.1	257.2	260.0	264.9	267.0	
Durable goods.....	256.8	259.5	251.4	252.4	257.2	260.1	267.1	267.1	
Non durable goods.....	256.9	259.4	253.2	254.1	257.2	259.9	264.8	266.9	
<b>Merchandise imports.....</b>	<b>306.8</b>	<b>291.4</b>	<b>305.4</b>	<b>283.8</b>	<b>291.5</b>	<b>300.5</b>	<b>289.1</b>	<b>283.8</b>	
Foods, feeds, and beverages.....	239.3	237.8	240.2	234.3	237.2	239.8	240.0	242.4	
Industrial supplies and materials, excluding petroleum.....	286.7	270.8	277.5	273.6	272.2	272.8	265.4	268.6	
Durable goods.....	288.0	270.9	278.8	278.7	272.2	272.9	265.3	268.6	
Non durable goods.....	285.3	270.8	276.3	274.3	272.2	272.6	265.5	268.6	
Petroleum and products.....	1,206.4	1,093.1	1,200.1	1,158.6	1,071.3	1,081.9	1,073.3	1,073.3	
Capital goods except autos.....	203.0	201.0	199.4	200.6	202.6	200.9	202.0	202.0	
Autos.....	298.3	306.3	299.3	302.2	304.4	304.0	313.3	316.0	
Consumer goods.....	222.0	219.1	220.7	222.2	222.1	221.2	221.8	223.8	
Durable goods.....	192.1	191.5	190.1	191.8	192.8	191.7	189.8	192.0	
Non durable goods.....	284.8	280.2	282.7	279.6	278.4	279.4	283.0	283.0	
Other.....	245.3	243.9	242.4	243.1	245.1	243.7	243.8	245.4	
Durable goods.....	245.3	243.9	242.4	243.8	245.1	243.6	243.8	245.6	
Non durable goods.....	245.3	244.0	242.4	243.0	245.1	243.9	243.8	245.3	
<b>Addenda:</b>									
Exports:									
Agricultural products.....	218.2	226.9	208.5	214.3	221.1	230.1	242.5	243.6	
Nonagricultural products.....	267.3	267.8	265.0	265.5	266.8	268.1	270.8	273.5	
Imports of nonpetroleum products.....	245.6	243.9	242.7	243.0	244.8	243.9	243.9	245.3	

	Index numbers, 1972=100								
	1982	1983	Seasonally adjusted						
			IV	I	II	III	IV	1 <sup>p</sup>	
<b>Inventories<sup>1</sup>.....</b>	<b>236.0</b>	<b>236.6</b>	<b>238.3</b>	<b>241.7</b>	<b>242.8</b>	<b>245.2</b>			
Farm.....	186.1	194.7	198.1	197.4	207.6	213.9			
Nonfarm.....	243.3	242.9	245.0	248.0	247.8	249.7			
Durable goods.....	230.9	231.8	234.0	236.7	237.0	239.5			
Non durable goods.....	261.9	259.0	260.8	264.4	263.6	264.5			
<b>Manufacturing.....</b>	<b>244.7</b>	<b>243.7</b>	<b>245.8</b>	<b>249.6</b>	<b>249.6</b>	<b>252.4</b>			
Durable goods.....	232.7	232.7	235.1	238.4	238.5	238.5			
Non durable goods.....	270.0	266.6	268.0	272.7	272.6	275.2			
<b>Wholesale trade.....</b>	<b>243.8</b>	<b>243.3</b>	<b>246.2</b>	<b>249.7</b>	<b>249.6</b>	<b>250.9</b>			
Durable goods.....	235.9	237.8	240.0	241.5	242.1	244.4			
Non durable goods.....	237.5	238.9	241.3	242.4	245.0	246.1			
<b>Merchant wholesalers.....</b>	<b>237.5</b>	<b>238.9</b>							

Table 8.1.—Percent Change From Preceding Period in Gross National Product in Current and Constant Dollars, Implicit Price Deflators, and Price Indexes

	Percent		Percent at annual rates						Percent		Percent at annual rates							
	1982	1983	Seasonally adjusted						1982	1983	Seasonally adjusted							
			1982		1983						1982		1983					
			IV	I	II	III	IV				IV	I	II	III	IV			
Gross national product:																		
Current dollars.....	4.0	7.7	2.5	8.2	13.8	11.5	9.1	12.8										
1972 dollars.....	-1.9	3.4	-1.3	2.6	9.7	7.6	5.0	8.3										
Implicit price deflator.....	6.0	4.2	3.8	5.5	3.3	3.6	3.9	4.1										
Chain price index.....	6.5	4.4	5.0	3.6	4.3	4.5	4.4	4.5										
Fixed-weighted price index.....	6.4	4.3	4.7	3.4	4.3	4.7	4.2	4.7										
Personal consumption expenditures:																		
Current dollars.....	7.3	8.3	7.8	5.2	15.1	6.5	9.4	9.2										
1972 dollars.....	1.4	4.2	3.6	2.9	10.0	2.2	6.5	5.8										
Implicit price deflator.....	5.8	3.9	4.1	2.2	4.6	4.2	2.8	3.2										
Chain price index.....	5.9	4.2	5.1	2.3	4.7	4.2	4.3	4.4										
Fixed-weighted price index.....	5.7	4.1	5.1	1.6	4.9	4.4	4.2	4.4										
Durable goods:																		
Current dollars.....	3.5	14.3	15.1	10.7	33.2	7.6	24.2	16.6										
1972 dollars.....	-0.9	11.8	15.2	7.6	32.6	3.7	19.9	17.2										
Implicit price deflators.....	4.5	2.2	-1.1	2.8	5	3.7	3.6	-5										
Chain price index.....	4.7	2.3	1.5	2.1	1.1	3.6	3.8	1.5										
Fixed-weighted price index.....	5.0	2.6	1.4	2.1	1.9	4.1	3.7	1.5										
Nondurable goods:																		
Current dollars.....	3.7	5.7	3.4	2.1	12.1	7.8	5.1	9.7										
1972 dollars.....	0.5	3.3	1.5	3.2	6.4	3.6	4.8	5.9										
Implicit price deflator.....	3.2	2.3	1.9	-1.1	5.3	4.1	3	3.6										
Chain price index.....	3.2	2.2	2.6	-1.9	5.3	2.8	2.5	4.1										
Fixed-weighted price index.....	2.9	2.0	2.9	-3.1	5.1	3.1	2.8	4.2										
Services:																		
Current dollars.....	11.2	8.9	9.5	6.3	13.0	5.3	9.1	6.9										
1972 dollars.....	2.9	2.7	1.9	1.4	6.4	6	3.7	2.0										
Implicit price deflator.....	8.1	6.0	7.4	4.8	6.2	4.7	5.2	4.7										
Chain price index.....	8.4	6.2	8.0	5.7	5.2	5.4	5.7	5.4										
Fixed-weighted price index.....	8.6	6.5	8.3	5.9	5.5	5.7	5.7	5.4										
Gross private domestic investment:																		
Current dollars.....	-12.7	13.9	-88.0	31.5	53.9	53.6	27.5	56.2										
1972 dollars.....	-14.5	12.6	-34.6	28.6	49.8	45.1	27.6	51.9										
Implicit price deflator.....																		
Chain price index.....																		
Fixed-weighted price index.....																		
Fixed investment:																		
Current dollars.....	-3.8	9.0	3.4	9.2	20.5	26.2	17.5	16.8										
1972 dollars.....	-6.9	8.4	2.7	8.8	21.5	22.7	17.9	16.4										
Implicit price deflator.....	3.3	0.5	0.6	0.4	-0.8	2.9	-0.3	0.4										
Chain price index.....	5.2	0.6	0.5	0.2	-1.0	2.6	0.6	0.8										
Fixed-weighted price index.....	4.7	1.5	-0.5	0.4	-0.7	3.7	0.9	1.5										
Nonresidential:																		
Current dollars.....	-1.1	0	-6.0	-5.7	5.1	18.8	28.8	11.4										
1972 dollars.....	-4.7	1.4	-6.6	-1.5	7.9	18.7	27.2	12.1										
Implicit price deflator.....	3.8	-1.4	0.6	-4.2	-2.6	1	1.3	-6										
Chain price index.....	5.8	1.1	2.0	0.5	-0.5	0.7	1.0	0.9										
Fixed-weighted price index.....	5.6	2.0	2.4	2.3	0.3	1.4	1.6	1.9										
Structures:																		
Current dollars.....	6.4	-7.6	0.4	-15.6	-15.3	11.2	7.8	22.5										
1972 dollars.....	1.8	-6.9	-5.5	-18.9	-14.9	11.1	6.8	25.9										
Implicit price deflator.....	4.6	-0.7	1.6	-2.0	-0.5	0	1.0	-2.7										
Chain price index.....	5.1	-0.5	1.4	-2.7	-2.9	0.5	1.4	-2										
Fixed-weighted price index.....	4.1	0.9	2.0	-1	-1.0	1.6	2.4	1.6										
Producers' durable equipment:																		
Current dollars.....	-5.7	5.2	-7.4	1.8	20.6	23.6	42.7	5.5										
1972 dollars.....	-7.5	5.3	-7.1	5.0	19.8	22.0	36.5	7.0										
Implicit price deflator.....	2.0	-1	-3	-3.0	7	1.3	4.6	-1.4										
Chain price index.....	6.2	2.3	2.4	2.8	1.1	0.8	0.7	1.2										
Fixed-weighted price index.....	6.7	2.7	2.6	3.8	1.2	1.3	1.1	2.1										
Residential:																		
Current dollars.....	-13.0	43.2	46.9	75.3	76.7	47.5	-7.3	32.6										
1972 dollars.....	-15.4	39.4	53.2	57.3	79.5	35.9	-6.9	31.3										
Implicit price deflator.....	2.9	2.7	-4.1	11.4	-1.6	8.6	-0.4	1.0										
Chain price index.....	3.2	-1.4	-5.2	11.2	-2.5	8.0	-0.3	0.7										
Fixed-weighted price index.....	3.1	0.5	-5.4	11.4	-2.6	8.0	-0.3	0.7										
Exports:																		
Current dollars.....	-5.7	-3.5	-25.3	6.8	-2	18.2	6.5	13.6										
1972 dollars.....	-7.8	-5.8	-24.4	2.4	-3.2	13.7	-1	9.7										
Implicit price deflator.....	2.2	2.5	-1.1	4.3	3.6	3.9	6.6	3.6										
Chain price deflator.....	2.6	2.3	-2	3.6	3.1	4.2	6.2	2.7										
Fixed-weighted price index.....	2.4	2.1	-0.5	3.2	2.6	3.9	6.1	2.5										
Imports:																		
Current dollars.....	-3.6	4.3	-29.6	-7.5	37.4	31.5	15.6	36.8										
1972 dollars.....	1.4	7.2	-26.1	12.1	26.8	18.1	29.5	41.7										
Implicit price deflator.....	-5.0	-2.7	-4.6	-17.5	8.3	11.3	-10.7	-3.5										
Chain price index.....	-2.0	-2.2	-0.9	-2.6	-3.0	1.4	-0.3	2.8										
Fixed-weighted price index.....	-3.1	-3.4	-0.8	-3.8	-6.3	1.5	-1.2	1.6										

Note.—The implicit price deflator for GNP is a weighted average of the detailed price indexes used in the deflation of GNP. In each period, the weights are based on the composition of constant-dollar output in that period. In other words, the price index for each item (1972=100) is weighted by the ratio of the quantity of the item valued in 1972 prices to the total output in 1972 prices. Changes in the implicit price deflator reflect both changes in prices and changes in the composition of output. The chain price index uses as weights the composition of output in the prior period, and therefore reflects only the change in prices between the two periods. However, comparisons of percent changes in the chain index also reflect changes in the composition of output. The fixed-weighted price index uses as weights the composition of output in 1972. Accordingly, comparisons over any time span reflect only changes in prices.

# Federal Budget Developments

REVISED estimates of Federal unified budget receipts and outlays for fiscal years 1984 and 1985 were submitted to Congress by the Office of Management and Budget in mid-April. These estimates reflect revised economic assumptions, reestimates of agency spending and tax collections based on more recent experience, policy changes by the administration, and legislation passed by Congress so far this year.

On the basis of the revised economic assumptions, real GNP is expected to increase slightly more in calendar year 1984 than expected when the budget was submitted in February (table 1). From the fourth quarter of 1983 to the fourth quarter of 1984, real GNP is estimated to increase 5.0 percent, 0.5 percentage points more than estimated in February. This higher growth is the result of a stronger-than-expected first quarter of 1984. Real GNP is expected to increase about 4.5 percent (annual rate) through the rest of 1984 and to slow somewhat in 1985. From the fourth quarter of 1984, real GNP is estimated to increase 4.0 percent, the same as expected earlier this year. Consumer prices rise slightly less in 1984 than assumed in February—4.3 percent compared with 4.5 percent. The unemployment rate is expected to be lower and interest rates on 91-day Treasury bills are slightly higher than assumed earlier.

For fiscal year 1984, a \$177.8 billion deficit is estimated, compared with \$183.7 billion in February (table 2). Receipts are \$2.6 billion higher; a \$4.6 billion upward revision due to the revised economic assumptions and reestimates is partly offset by a \$2.0 billion downward revision from a policy change. The policy change is a shift in the timing—from 1984 to 1985—for the establishment of a special fund in

the Department of Health and Human Services to receive funds recovered by the Federal Government from petroleum pricing and allocation violations under the Emergency Petroleum Allocation Act of 1973.

Outlays in 1984 are \$3.3 billion lower; a \$4.2 billion downward revision due to reestimates and revised economic assumptions is partly offset by a \$1.0 billion upward revision due to policy changes. On a program-by-program basis, the revision in outlays

is the net of \$6.1 billion in downward revisions and \$2.8 billion in upward revisions. The largest downward revisions are for unemployment compensation (\$1.4 billion), reflecting lower unemployment; for the Commodity Credit Corporation (CCC) (\$0.9 billion), reflecting lower net lending; and for medicare (\$0.6 billion), reflecting lower hospital costs per case. The largest upward revisions are for net interest (\$1.3 billion), largely reflecting higher interest rates, and from

Table 1.—Economic Assumptions Underlying the April Update of the Fiscal Year 1985 Budget

	Calendar year					
	Actual		Estimates		Differences from February	
	1982	1983	1984	1985	1984	1985
Billions of dollars						
GNP:						
Current dollars.....	3,073	3,311	3,660	3,993	18	19
1972 dollars.....	1,485	1,535	1,626	1,693	10	11
Incomes:						
Personal income.....	2,579	2,742	2,996	3,239	18	15
Wages and salaries.....	1,568	1,665	1,810	1,955	8	9
Corporate profits before taxes .....	174	208	256	294	1	2
Percent change from preceding year						
GNP in current dollars:						
Annual average.....	4.0	7.7	10.6	9.1	.5	.....
Fourth quarter.....	2.6	10.5	10.1	8.9	.3	.....
GNP in 1972 dollars:						
Annual average.....	-1.9	3.4	5.9	4.1	.6	.....
Fourth quarter.....	-1.7	6.2	5.0	4.0	.5	.....
GNP deflator:						
Annual average.....	6.0	4.2	4.4	4.8	-.1	.....
Fourth quarter.....	4.4	4.1	4.9	4.7	-.1	.....
Consumer price index:						
Annual average.....	6.0	3.0	4.1	4.6	-.3	.....
Fourth quarter.....	4.5	2.9	4.3	4.7	-.2	.....
Percent						
Unemployment rate:						
Annual average.....	9.5	9.5	7.6	7.4	-.2	-.2
Fourth quarter .....	10.5	8.4	7.5	7.3	-.2	-.2
Insured unemployment rate: <sup>1</sup>						
Annual average.....	4.7	8.8	3.0	2.9	-.3	-.3
Fourth quarter .....	5.2	3.3	2.9	2.9	-.4	-.4
Interest rate:						
91-day Treasury bills <sup>2</sup> .....	10.7	8.6	8.9	8.0	.4	.3
10-year Treasury notes.....	13.0	11.1	11.8	10.0	1.5	.8

1. Insured unemployment under the State regular unemployment insurance program, excluding recipients of extended benefits, as percentage of covered employment under that program.

2. Average rate on new issues within the year. The estimates assume, by convention, that interest rates vary with the rate of inflation. They do not represent a forecast of interest rates.

Source: "Current Budget Estimates, April 1984"

lower offsetting receipts from Outer Continental Shelf leases (\$1.0 billion).

For fiscal year 1985, a deficit of \$179.0 billion is estimated, compared with \$180.4 billion in February. Receipts are \$7.9 billion higher; revised economic assumptions contributed \$4.5 billion, a policy change contributed \$2.0 billion, and reestimates, \$1.5 billion.

Outlays in 1985 are \$6.6 billion higher; revised economic assumptions contributed \$2.9 billion, reestimates contributed \$2.1 billion, and policy changes, \$1.5 billion. On a program-by-program basis, the revision is the net of \$10.8 billion in upward revisions and \$4.3 billion in downward revisions. The largest upward revisions are for net interest (\$6.8 billion), largely due to higher interest rates, and for the CCC (\$2.3 billion), reflecting higher-than-anticipated participation in price support programs (especially for corn). The largest downward revision is for unemployment compensation (\$2.2 billion), reflecting lower unemployment.

*Revised NIPA estimates.*—BEA has prepared estimates of the Federal sector on the national income and product accounting (NIPA) basis consistent with the revised unified budget estimates (table 2, and table 3 for the quarterly pattern). On this basis, fiscal year 1984 receipts are \$3.0 billion higher, expenditures are \$4.1 billion lower, and the deficit is \$7.1 billion lower than estimated in February. (Details of the February estimates are discussed in the February 1984 SURVEY OF CURRENT BUSINESS.)

The upward revision in receipts is more than accounted for by personal tax and nontax receipts (\$2.2 billion), corporate profits tax accruals (\$1.3 billion), and contributions for social insurance (\$0.7 billion). The revision in personal taxes and contributions is due to higher incomes. The revision in corporate taxes is due to higher profits and higher taxes attributable to Federal Reserve banks.<sup>1</sup> Partly offsetting these increases is a downward revision in indirect business tax and nontax accruals. The shift from 1984

to 1985 of the special fund to receive funds recovered from petroleum pricing and allocation violations lowered indirect business taxes \$2.0 billion; this effect was partly offset by an increase in customs duties.

All categories of expenditures are revised downward, with the exception of net interest paid, and that was revised upward \$1.3 billion, reflecting higher interest rates. Nondefense purchases and transfer payments to per-

Table 2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	Actual 1983	Fiscal year					
		Estimates					
		1984		1985			
Februa- ry	April	Revi- sions	Februa- ry	April	Revi- sions		
<b>Unified budget</b>							
Receipts .....	600.6	670.1	672.7	2.6	745.1	753.1	7.9
Outlays .....	796.0	853.8	850.5	-3.8	925.5	932.0	6.6
Surplus or deficit (-) .....	-195.4	-183.7	-177.8	5.9	-180.4	-179.0	1.4
<b>National income and product accounts</b>							
Receipts .....	630.7	691.3	694.3	3.0	779.2	784.7	5.5
Personal tax and nontax receipts .....	295.3	302.1	304.3	2.2	340.8	341.5	.7
Corporate profits tax accruals .....	54.3	74.8	76.1	1.3	93.5	94.3	.8
Indirect business tax and nontax accruals .....	50.7	56.6	55.4	-1.2	55.4	58.3	2.9
Contributions for social insurance .....	230.4	257.8	258.5	.7	289.5	290.6	1.1
Expenditures .....	816.4	875.5	871.4	-4.1	947.8	953.6	5.8
Purchases of goods and services .....	274.7	292.6	290.5	-2.1	340.0	341.6	1.6
National defense .....	196.5	224.0	223.8	-2	257.1	256.9	-2
Nondefense .....	78.2	68.6	66.7	-1.9	82.9	84.7	1.8
Transfer payments .....	344.7	354.4	352.3	-2.1	376.3	373.8	-2.5
To persons .....	338.5	347.0	345.1	-1.9	367.8	365.1	-2.7
To foreigners .....	6.2	7.4	7.2	-2	8.5	8.7	.2
Grants-in-aid to State and local governments .....	85.7	91.8	91.3	-.5	95.6	95.3	-.3
Net interest paid .....	90.6	108.6	109.9	1.3	117.1	123.2	6.1
Subsidies less current surplus of government enterprises .....	20.3	28.1	27.4	-.7	18.8	19.7	.9
Less: Wage accruals less disbursements .....	-.4						
Surplus or deficit (-) .....	-185.7	-184.2	-177.1	7.1	-168.6	-168.9	-.3

Sources: "Current Budget Estimates, April 1984" and Bureau of Economic Analysis.

Table 3.—Federal Government Receipts and Expenditures, NIPA Basis

[Billions of dollars, seasonally adjusted at annual rates]

	Calendar year							
	Actual		Estimates					
	1983	1984	1984			1985		
	IV	I	II	III	IV	I	II	III
<b>Receipts</b> .....								
Receipts .....	657.5	686.3	704.2	726.0	747.7	773.5	795.5	811.8
Personal tax and nontax receipts .....	295.0	302.4	305.2	315.8	325.8	335.0	345.4	353.6
Corporate profits tax accruals .....	66.4	71.1	80.3	86.5	91.3	92.4	95.5	98.4
Indirect business tax and nontax accruals .....	55.8	55.9	54.8	55.1	55.9	56.6	60.0	60.2
Contributions for social insurance .....	240.3	256.9	263.9	268.6	274.7	289.5	294.6	299.6
Expenditures .....	847.3	860.6	878.6	899.3	923.5	953.5	963.0	973.4
Purchases of goods and services .....	274.1	275.0	302.4	310.3	321.6	342.9	349.0	352.9
National defense .....	206.3	216.2	230.0	242.7	247.8	255.8	260.6	268.4
Nondefense .....	67.8	58.8	72.4	67.6	73.8	87.1	88.4	89.5
Transfer payments .....	350.9	347.6	352.8	358.3	362.0	373.7	376.8	381.7
To persons .....	341.1	343.0	346.0	350.4	353.9	365.2	367.9	372.4
To foreigners .....	9.7	4.5	6.8	7.8	8.1	8.5	8.9	9.3
Grants-in-aid to State and local governments .....	86.4	89.6	93.3	95.6	95.2	95.1	95.4	95.5
Net interest paid .....	104.6	107.8	111.6	115.6	119.9	122.1	124.3	126.5
Subsidies less current surplus of government enterprises .....	31.3	40.7	18.5	19.6	24.8	19.7	17.5	16.8
Less: Wage accruals less disbursements .....	-	-	-	-	-	-	-	-
Surplus or deficit (-) .....	-189.8	-174.3	-174.4	-173.3	-175.8	-180.0	-167.5	-161.6

1. In the NIPA's the Federal Reserve banks are treated as part of corporate business. Their earnings, which are largely returned to the Treasury, are included with corporate profits taxes.

sons are revised downward \$1.9 billion each. The revision in nondefense purchases is accounted for by lower purchases across a variety of programs (\$1.4 billion) and lower agricultural purchases by the CCC (\$0.5 billion). The revision in transfer payments is accounted for by lower unemployment benefits (\$1.4 billion) and medicare benefits (\$0.6 billion). All other expenditure categories together are revised downward \$1.6 billion.

For fiscal year 1985, receipts are \$5.5 billion higher, expenditures are \$5.8 billion higher, and the deficit is \$0.3 billion higher. All categories of receipts are revised upward, paced by a \$2.9 billion revision in indirect business taxes, reflecting the shift of the special petroleum fund and higher customs duties. The upward revisions in the other categories largely reflect higher incomes.

The upward revision in expenditures is more than accounted for by net interest paid (\$6.1 billion), and reflects higher interest rates. Other upward revisions are in nondefense purchases (\$1.8 billion), in subsidies less current surplus of government enterprises (\$0.9 billion), and in transfer payments to foreigners (\$0.2 billion). The revision in nondefense purchases is more than accounted for by

**Table 4.—Relation of Federal Government Receipts in the National Income and Product Accounts to the Unified Budget**

	Fiscal year		
	1983	1984	1985
<b>Unified budget receipts .....</b>	<b>600.6</b>	<b>672.7</b>	<b>753.1</b>
Less: Coverage differences.....	1.4	1.7	1.9
Plus: Netting differences:			
Contributions to government employees retirement funds .....	12.2	13.0	14.4
Other .....	9.4	12.0	13.3
Timing differences:			
Corporate income tax.....	4.1	-3.4	3.0
Federal and State unemployment insurance taxes .....	1.4	.5	.9
Withheld personal income tax and social security contributions .....	3.3	.9	1.9
Excise taxes.....	.6	.2	-.1
Other .....	.4	.1	.1
Miscellaneous .....	0	0	0
<b>Equals: Federal Government receipts, NIPA .....</b>	<b>630.7</b>	<b>694.3</b>	<b>784.7</b>

higher agricultural purchases by CCC. The revision in subsidies less current surplus is accounted for by higher agricultural subsidies. More than offsetting these increases are downward revisions in transfer payments to persons (\$2.7 billion), in grants-in-aid to State and local governments, and in national defense purchases. The revision in transfer payments is accounted for by lower unemployment bene-

**Table 5.—Relation of Federal Government Expenditures in the National Income and Product Accounts to the Unified Budget**

	Fiscal year		
	1983	1984	1985
<b>Unified budget outlays .....</b>	<b>796.0</b>	<b>850.5</b>	<b>932.0</b>
Less: Coverage differences:			
Geographic .....	4.9	5.1	5.3
Off-budget Federal entities:			
Federal Financing Bank .....	-10.4	-12.0	-10.4
Strategic petroleum reserve .....	-1.6	-2.2	-1.7
Other .....	-.3	-1.0	-2.7
Other .....	.5	.5	.1
Financial transactions:			
Net lending .....	16.7	19.9	15.4
Other .....	0	.3	.2
Net purchases of land:			
Outer Continental Shelf .....	-7.4	-4.1	-3.2
Other .....	.1	.1	.1
Plus: Netting differences:			
Contributions to government employees retirement funds .....	12.2	13.0	14.4
Other .....	9.4	12.0	13.3
Timing differences:			
National defense purchases .....	1.0	.6	-1.9
Other .....	.1	1.7	-1.2
Miscellaneous .....	.1	.1	0
<b>Equals: Federal Government expenditures, NIPA .....</b>	<b>816.4</b>	<b>871.4</b>	<b>953.6</b>

fits (\$2.2 billion) and social security, excluding medicare (\$0.5 billion).

Table 4 shows the relation between unified budget and NIPA receipts, and table 5 shows the relation between unified budget outlays and NIPA expenditures.

## Regional Nonfarm Wages and Salaries Thus Far in the Recovery

FROM the fourth quarter of 1982, the trough quarter of the most recent national recession, to the fourth quarter of 1983, the most recent quarter for which estimates of regional personal income are available, nonfarm wage and salary disbursements (payrolls) increased at rates more than the national average in the New England, Southeast, Far West, and Great Lakes regions and less than the national average in the Mideast, Southwest, Plains, and Rocky Mountain regions.<sup>1</sup> Each of the regions with above-average increases in nonfarm payrolls had large increases in durables manufacturing payrolls. Each of the regions with below-average increases in nonfarm payrolls had small increases in nondurables manufacturing payrolls and, except for the Plains, in mining payrolls; in addition, the Mideast and Southwest regions had small increases in durables manufacturing payrolls.

Thus far in the recovery, nonfarm payrolls increased 8.3 percent in the Nation and at least 5.2 percent in each of the eight BEA regions.<sup>2</sup> The first row of table 1 shows, for the Nation, the percent change in nonfarm payrolls by industry. Durables manufacturing, the finance group (finance, insurance, and real estate), services, and construction had large increases. The increase in durables manufacturing payrolls mainly reflected a rebound in motor vehicles production. Durables manufacturing industries that supply the motor vehi-

cles industry, such as fabricated metals, also had large increases in production. The increase in construction payrolls mainly reflected a rebound in residential construction. Durables manufacturing industries that supply residential construction, such as lumber and other building materials and household equipment, also had large increases in production. The increase in the finance group in part reflected the rebound in residential construction. The smallest increases were in Federal government and mining payrolls. The weakness in mining mainly reflected a large decline in oil exploration, as oil prices declined.

Table 1 shows, for each of the eight BEA regions, the percent change in nonfarm payrolls by industry. The paragraphs that follow discuss regional percent changes by industry, and the weights, that is, the shares of regional nonfarm payrolls accounted for by the industries (table 2). The regional percent changes are discussed in descending order.

In New England, the above-average increase in nonfarm payrolls was mainly accounted for by construction, trade, and durables manufacturing. Payroll increases in both construction and trade were larger than in any other region. Within trade, strength in sales of furniture and household equipment reflected strength in residential construction. Within durables manufacturing, electrical machinery and fabricated metals had large weights and large increases in production.

In the Southeast, the above-average increase in nonfarm payrolls was mainly accounted for by both durables and nondurables manufacturing and the transportation group. Within durables manufacturing, nonelectrical machinery, instruments, and steel

An increase in durables manufacturing payrolls was larger than in any other region except the Great Lakes. Durables manufacturing industries that supply the motor vehicles and residential construction industries had large weights and large increases in production. Both the increase in nondurables manufacturing payrolls in the Southeast and the industry's weight were larger than in any other region. Within nondurables manufacturing, textiles, as well as rubber and plastics, had large weights and large increases in production.

In the Far West, the above-average increase in nonfarm payrolls was mainly accounted for by both durables and nondurables manufacturing, trade, and the finance group. Within durables manufacturing, electronic components, fabricated metals, and lumber had large weights and large increases in production. The increase in trade payrolls in the Far West was larger than in any other region except New England.

In the Great Lakes region, the above-average increase in nonfarm payrolls was mainly accounted for by durables manufacturing, as production of motor vehicles rebounded. Both the increase in durables manufacturing payrolls and the industry's weight were larger than in any other region. Within durables manufacturing, the motor vehicles industry and industries that supply it had large weights and large increases in production.

In the Mideast, the below-average increase in nonfarm payrolls was mainly accounted for by both durables and nondurables manufacturing and the transportation group. Within durables manufacturing, nonelectrical machinery, instruments, and steel

1. Nonfarm wages and salaries, which are the largest component of personal income, are used because, on a quarterly basis, estimates of nonfarm wages and salaries for regions are more reliable than estimates of other components of personal income.

2. Prices, as measured by the implicit price deflator for personal consumption expenditures, increased 3.4 percent.

Table 1.—Percent Change in Nonfarm Payrolls, by Industry, 1982:IV-1983:IV, United States and BEA Regions

Rank		Total	Durables manufacturing	Finance, insurance, and real estate	Services	Construction	Nondurables manufacturing	State and local government	Wholesale and retail trade	Transportation, communication, and public utilities	Mining	Federal government
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	United States .....	8.3	12.9	9.9	9.5	8.5	8.0	7.6	7.4	5.0	4.2	2.0
1	New England .....	9.5	10.5	9.9	9.5	16.6	7.7	9.0	10.4	6.9	1.7	1.6
2	Southeast .....	9.2	17.0	10.3	10.3	10.7	9.5	8.3	9.1	6.7	2.3	2.2
3	Far West .....	9.0	10.3	11.4	10.0	7.3	8.6	8.1	9.4	8.3	19.1	2.2
4	Great Lakes .....	8.7	18.2	6.6	9.1	5.4	8.8	3.4	4.6	3.7	3.1	1.0
5	Mideast .....	8.0	7.2	10.4	10.0	11.7	6.8	10.3	8.4	2.0	3.0	2.1
6	Southwest .....	6.9	6.5	12.9	9.7	4.5	6.2	8.6	5.8	6.7	3.0	2.6
7	Plains .....	6.8	15.4	8.6	6.6	8.4	6.3	3.9	3.9	5.2	10.9	1.8
8	Rocky Mountain .....	5.2	11.6	6.7	6.5	-8	4.4	9.2	5.4	0	1.8	.8

NOTE.—The 10 major industries are ranked in descending order by their percent changes in the Nation (columns 2-11). The regions are ranked in descending order by the percent change in total nonfarm payrolls (column 1).

Table 2.—Percent Distribution of Nonfarm Payrolls, by Industry, 1981, United States and BEA Regions

Rank		Total <sup>1</sup>	Durables manufacturing	Finance, insurance, and real estate	Services	Construction	Nondurables manufacturing	State and local government	Wholesale and retail trade	Transportation, communication, and public utilities	Mining	Federal government
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	United States .....	100.0	16.8	6.0	16.9	5.4	9.3	12.5	16.8	7.7	2.0	6.3
1	New England .....	100.0	23.3	6.8	18.9	4.1	9.4	11.2	15.8	5.8	.2	4.3
2	Southeast .....	100.0	11.6	5.1	14.9	6.1	12.6	12.9	17.0	8.1	2.5	8.7
3	Far West .....	100.0	16.5	6.2	19.3	5.9	6.2	13.4	17.3	7.3	.7	6.5
4	Great Lakes .....	100.0	26.9	5.1	15.2	4.5	9.4	11.6	16.1	7.0	.8	3.2
5	Mideast .....	100.0	15.1	7.6	19.5	4.1	10.3	12.5	15.6	7.9	.5	6.6
6	Southwest .....	100.0	12.7	5.6	14.7	7.4	6.8	11.5	18.6	7.9	8.1	6.4
7	Plains .....	100.0	15.3	5.8	15.9	5.3	9.8	13.2	18.8	9.2	1.4	5.0
8	Rocky Mountain .....	100.0	10.8	5.3	15.4	7.3	5.1	13.3	17.6	9.2	7.5	8.1

1. Rows do not sum to 100 percent because other nonfarm payrolls, which consist of payrolls in agricultural services, forestry, and fisheries and payrolls of U.S. residents working for international organizations, are not shown separately.

NOTE.—For rankings of industries and regions, see note to table 1.

had large weights and small increases in production. In contrast with a large increase in steel production nationally, steel production in the Midwest increased moderately. Within nondurables manufacturing, printing and publishing had a large weight and a small increase in production.

In the Southwest, the below-average increase in nonfarm payrolls was mainly accounted for by mining, both durables and nondurables manufacturing, construction, and trade. Weakness in mining payrolls reflected a large decline in oil exploration, as oil prices declined. The increase in durables manufacturing payrolls was

smaller than in any other region. Within durables manufacturing, industries that produce oil field equipment had large weights and small increases in production. Within nondurables manufacturing, petroleum refining had a large weight and a small increase in production. Within trade, purchases by Mexicans in Southwest counties bordering Mexico declined because of that country's debt crisis and resulting currency devaluation.

In the Plains, the below-average increase in nonfarm payrolls was mainly accounted for by nondurables manufacturing, trade, services, and the finance group. Small payroll increases in these industries mainly re-

flected a large decline in farm income, in part because of a drought. Within nondurables manufacturing, food processing had a large weight and a small increase in production. The increase in trade payrolls was smaller than in any other region.

In the Rocky Mountain region, the below-average increase in nonfarm payrolls was mainly accounted for by mining, construction, and the finance group. As in the Southwest, weakness in mining payrolls reflected a large decline in oil exploration, as oil prices declined. Payrolls declined in construction and, in part reflecting this, the payroll increase in the finance group was small.

## State Quarterly Personal Income 1980-83

Table 1.—Total Personal Income, States and Regions

[Millions of dollars, seasonally adjusted at annual rates]

State and region	1981 <sup>r</sup>				1982 <sup>r</sup>				1983				Percent change 1983:III- 1983:IV
	I	II	III	IV	I	II	III	IV	I <sup>r</sup>	II <sup>r</sup>	III <sup>r</sup>	IV <sup>p</sup>	
United States <sup>1</sup> .....	2,330,567	2,386,236	2,482,747	2,508,053	2,520,173	2,556,081	2,584,625	2,625,190	2,647,192	2,703,256	2,752,504	2,824,210	2.6
New England.....	132,734	136,309	141,510	143,424	144,511	147,538	150,939	152,583	155,288	159,076	161,748	165,583	2.4
Connecticut.....	38,717	39,666	41,168	41,563	42,224	42,948	43,799	44,493	45,370	45,964	46,857	47,882	2.2
Maine.....	9,282	9,488	9,751	9,905	9,861	10,161	10,459	10,565	10,674	10,984	11,114	11,312	1.8
Massachusetts.....	62,113	63,929	66,390	67,417	67,825	69,357	70,885	71,627	72,854	74,934	76,053	78,075	2.7
New Hampshire.....	8,965	9,226	9,649	9,832	9,842	10,072	10,407	10,394	10,671	10,997	11,315	11,581	2.4
Rhode Island.....	9,290	9,511	9,857	9,953	9,956	10,150	10,439	10,469	10,608	10,917	11,104	11,339	2.1
Vermont.....	4,362	4,488	4,695	4,755	4,803	4,850	4,950	5,034	5,110	5,280	5,305	5,394	1.7
Mideast.....	462,217	473,363	491,748	496,742	501,429	509,252	517,574	526,365	532,754	541,238	552,312	565,008	2.3
Delaware.....	6,390	6,483	6,711	6,750	6,900	6,999	7,123	7,213	7,435	7,532	7,567	7,619	7
District of Columbia.....	8,715	8,790	9,114	9,177	9,288	9,447	9,601	9,833	9,925	10,110	10,344	10,521	1.7
Maryland.....	47,287	48,243	50,169	50,619	50,651	51,790	52,569	53,962	53,833	55,330	56,817	57,754	1.6
New Jersey.....	87,070	89,363	92,790	93,841	95,125	96,771	98,454	100,049	102,205	103,619	105,766	108,283	2.4
New York.....	193,758	198,670	206,398	208,711	211,977	214,998	219,118	222,830	226,044	229,622	233,578	239,762	2.6
Pennsylvania.....	118,997	121,815	126,567	127,645	127,487	129,248	130,710	132,379	133,312	135,025	138,241	141,069	2.0
Great Lakes.....	430,432	438,632	452,163	453,466	451,245	458,455	461,549	465,420	466,592	476,826	486,110	497,317	2.3
Illinois.....	128,716	130,740	135,836	136,874	136,150	138,469	138,900	140,320	140,630	143,159	146,943	149,354	1.6
Indiana.....	52,055	52,913	54,619	54,377	53,863	54,870	55,008	55,619	55,467	56,760	58,775	60,608	3.1
Michigan.....	95,712	97,633	99,228	98,991	98,094	99,703	100,446	100,746	102,309	104,518	105,318	107,707	2.3
Ohio.....	107,395	109,501	113,246	113,443	112,940	114,800	115,785	116,823	116,526	119,154	122,364	125,699	2.7
Wisconsin.....	46,555	47,845	49,735	49,780	50,199	50,613	51,410	51,912	52,236	52,710	53,949	55,394	2.3
Plains.....	173,023	177,156	184,785	185,704	184,733	185,422	186,560	191,934	189,281	193,318	196,410	204,408	4.1
Iowa.....	29,989	30,833	32,239	32,151	30,886	31,067	31,125	32,243	30,722	31,579	32,277	33,777	4.6
Kansas.....	25,734	26,358	27,451	27,682	28,067	27,962	28,167	28,959	28,971	29,391	29,905	30,916	3.4
Minnesota.....	42,228	43,236	45,034	45,815	45,561	45,751	46,086	47,454	46,926	48,235	48,323	49,910	3.3
Missouri.....	46,599	47,453	49,251	49,616	49,382	50,235	50,594	51,482	51,817	52,831	54,230	55,654	2.6
Nebraska.....	15,708	16,029	16,727	16,729	16,948	16,759	16,777	17,283	16,767	17,018	17,389	18,720	7.7
North Dakota.....	6,702	6,998	7,487	7,622	7,279	7,156	7,213	7,509	7,458	7,582	7,540	8,315	10.3
South Dakota.....	6,062	6,249	6,597	6,590	6,610	6,492	6,598	7,004	6,620	6,681	6,748	7,116	5.5
Southeast.....	468,890	479,353	500,591	505,893	508,922	516,394	522,240	532,274	537,350	550,698	562,513	575,484	2.3
Alabama.....	31,513	31,913	33,237	33,300	33,468	33,899	34,250	34,860	35,230	36,245	37,105	37,669	1.5
Arkansas.....	18,014	18,408	19,180	19,233	19,117	19,257	19,397	19,863	20,188	20,714	21,158	22,122	4.6
Florida.....	100,307	104,004	108,859	110,502	111,313	113,380	115,050	117,681	118,702	122,302	125,439	128,774	2.7
Georgia.....	48,244	49,399	51,251	51,719	52,406	53,530	54,314	55,795	56,680	58,459	59,613	61,025	2.4
Kentucky.....	30,312	30,508	32,267	32,418	32,522	32,486	32,686	33,488	33,088	33,701	34,351	34,981	1.8
Louisiana.....	39,977	41,152	43,029	43,858	44,410	44,692	44,937	45,567	45,606	45,463	46,402	47,258	1.8
Mississippi.....	18,118	18,513	19,153	19,377	19,490	19,794	19,785	20,261	20,161	20,522	21,055	21,800	3.5
North Carolina.....	49,430	50,676	52,771	53,050	53,154	53,937	54,786	55,856	56,592	58,089	59,532	60,686	1.9
South Carolina.....	24,790	25,428	26,248	26,595	26,661	27,049	27,341	27,868	28,116	29,022	29,622	30,127	1.7
Tennessee.....	37,970	38,854	40,280	40,368	40,456	41,054	41,600	42,515	42,409	43,460	44,290	45,308	2.3
Virginia.....	54,274	55,253	57,532	58,527	58,866	60,023	61,056	62,370	63,429	65,160	66,326	67,812	2.2
West Virginia.....	15,943	15,244	16,756	16,945	17,070	17,303	17,039	17,152	17,561	17,620	17,910	18,700	1.6
Southwest.....	220,405	227,733	239,795	245,632	248,590	251,614	253,024	255,138	258,065	262,954	266,452	276,676	3.8
Arizona.....	26,182	27,052	28,324	28,669	28,483	29,021	29,259	29,875	30,221	31,190	32,313	33,322	3.1
New Mexico.....	11,097	11,377	11,865	12,078	12,281	12,374	12,509	12,819	12,921	13,227	13,559	13,798	1.8
Oklahoma.....	30,932	32,020	33,902	34,877	35,789	36,071	36,121	36,503	36,362	36,870	36,677	37,675	2.7
Texas.....	152,194	157,284	165,704	170,007	172,088	174,148	175,134	176,741	175,561	181,667	183,903	191,881	4.3
Rocky Mountain.....	65,502	66,968	70,370	71,529	72,419	73,392	74,046	75,281	75,568	77,064	77,807	80,237	3.1
Colorado.....	32,108	32,979	34,774	35,693	36,655	37,268	37,502	38,173	38,662	39,406	39,488	40,411	2.3
Idaho.....	8,216	8,385	8,730	8,677	8,574	8,620	8,697	8,963	8,955	9,205	9,246	9,551	3.3
Montana.....	7,115	7,284	7,557	7,527	7,501	7,599	7,717	7,889	7,856	7,994	8,114	8,695	7.2
Utah.....	12,343	12,527	13,192	13,361	13,468	13,676	13,910	14,106	14,058	14,462	14,796	15,155	2.4
Wyoming.....	5,720	5,843	6,117	6,271	6,221	6,228	6,219	6,151	6,038	5,998	6,164	6,424	4.2
Far West.....	361,163	370,009	384,491	387,891	390,365	395,438	399,215	405,816	412,310	422,029	428,752	438,165	2.2
California.....	279,915	287,111	299,066	302,335	304,651	308,861	312,039	317,242	322,597	330,292	336,374	343,830	2.2
Nevada.....	9,548	9,852	10,226	10,331	10,380	10,500	10,590	10,724	10,807	11,101	11,206	11,499	2.6
Oregon.....	26,077	26,417	27,151	27,019	27,007	27,176	27,392	27,826	28,313	28,936	29,188	29,824	2.2
Washington.....	45,624	46,630	48,048	48,206	48,327	48,901	49,194	50,023	50,593	51,700	51,984	53,012	2.0
Alaska.....	5,716	6,043	6,314	6,562	6,662	7,060	7,748	7,963	7,804	7,732	8,020	8,681	8.2
Hawaii.....	10,485	10,670	10,981	11,210	11,296	11,516	11,731	12,179	12,320	12,378	12,651	12,378	2.2
Census regions													
New England.....	132,734	136,309	141,510	143,424	144,511	147,538	150,939	152,583	155,288	159,076	161,748	165,583	2.4
Middle Atlantic.....	399,825	409,847	425,754	430,196	434,589	441,016	448,281	455,257	461,561	468,266	477,585	489,115	2.4
East North Central.....	430,432	438,632	452,163	453,466	451,245	458,455	461,549	465,420	466,592	476,826	486,110	497,317	2.3
West North Central.....	173,023	177,156	184,785	185,704	184,733	185,422	186,560	191,934	193,281	193,318	196,410	204,408	4.1
South Atlantic.....	355,378	363,520	379,439	388,885									

Table 2.—Total and Per Capita Personal Income and Percent Changes by States and Regions

State and region	Total				Per capita				Percent change 1982-83							
	Millions of dollars				Dollars				Total personal income	Earnings <sup>1</sup>						
	1980 <sup>r</sup>	1981 <sup>r</sup>	1982 <sup>r</sup>	1983 <sup>p</sup>	1980 <sup>r</sup>	1981 <sup>r</sup>	1982 <sup>r</sup>	1983 <sup>p</sup>		Total	Non-farm	Government	Private	Mining and construction	Manufacturing	Other
United States <sup>2</sup> .....	2,158,685	2,426,901	2,571,517	2,731,791	9,503	10,582	11,100	11,675	6.2	7.1	7.4	7.0	7.5	5.8	5.4	8.8
New England.....	123,534	138,494	148,892	160,424	9,989	11,149	11,958	12,845	7.7	9.5	9.5	7.3	9.9	19.6	6.7	11.0
Connecticut.....	35,920	40,278	43,366	46,518	11,536	12,871	13,810	14,826	7.3	8.6	8.7	8.2	8.7	25.9	4.3	10.3
Maine.....	8,642	9,606	10,261	11,021	7,672	8,490	9,081	9,619	7.4	8.3	8.4	6.9	8.8	8.7	8.1	9.2
Massachusetts.....	57,938	64,964	69,928	75,479	10,089	11,287	12,153	13,089	7.9	9.9	9.9	7.5	10.3	16.6	7.4	11.4
New Hampshire.....	8,322	9,418	10,179	11,141	9,011	10,043	10,721	11,620	9.5	12.1	12.0	6.7	12.8	20.3	10.9	12.8
Rhode Island.....	8,702	9,658	10,254	10,992	9,174	10,138	10,751	11,504	7.2	9.0	9.0	4.9	9.8	12.7	8.2	10.6
Vermont.....	4,011	4,575	4,909	5,272	7,833	8,882	9,478	10,036	7.4	9.2	9.8	6.6	10.4	32.4	5.8	10.6
Mideast.....	431,199	481,017	513,655	547,828	10,196	11,378	12,134	12,871	6.7	7.8	7.8	8.1	7.7	13.0	2.7	9.5
Delaware.....	5,999	6,584	7,084	7,588	10,066	11,810	12,442	13,442	6.4	7.2	6.8	3.7	7.4	5.7	5.9	9.2
District of Columbia.....	8,105	8,949	9,542	10,225	12,732	14,088	15,064	16,409	7.2	8.7	8.7	7.8	9.6	5.0	7.4	9.9
Maryland.....	43,878	49,079	52,243	55,934	10,384	11,533	12,237	12,994	7.1	7.9	7.8	7.1	8.0	16.8	-1.7	9.8
New Jersey.....	80,960	90,766	97,599	104,968	10,975	12,269	13,169	14,057	7.6	9.7	9.7	7.1	10.2	15.7	5.8	12.0
New York.....	180,723	201,884	217,230	232,251	10,283	11,523	12,389	13,146	6.9	8.4	8.4	9.3	8.2	17.1	4.0	9.1
Pennsylvania.....	111,534	123,756	129,956	136,912	9,389	10,425	11,934	11,510	5.4	5.3	5.3	7.7	5.0	7.0	-4	8.2
Great Lakes.....	405,963	443,672	459,167	481,712	9,734	10,657	11,037	11,599	4.9	5.4	5.9	5.1	6.0	4.7	4.8	7.0
Illinois.....	119,699	132,916	138,460	145,021	10,470	11,621	12,091	12,626	4.7	5.0	5.6	4.8	5.8	3.9	1.2	8.3
Indiana.....	48,853	53,491	54,840	57,902	8,900	9,760	9,994	10,567	5.6	6.4	7.0	6.9	7.0	6.0	6.7	7.4
Michigan.....	91,363	97,891	99,747	104,963	9,872	10,653	10,942	11,574	5.2	6.1	6.2	4.4	6.5	1.6	7.4	6.2
Ohio.....	101,864	110,896	115,087	120,986	9,431	10,278	10,667	11,254	5.1	5.8	6.1	5.9	6.1	4.5	6.0	6.4
Wisconsin.....	44,184	48,478	51,038	52,889	9,344	10,238	10,725	11,132	3.6	3.4	4.0	3.7	4.1	11.7	1.7	5.2
Plains.....	158,859	180,166	187,162	195,885	9,235	10,420	10,768	11,242	4.6	5.1	6.8	5.6	7.0	10.0	5.8	7.2
Iowa.....	27,189	31,303	31,380	32,089	9,335	10,733	10,754	11,048	2.4	2.0	5.6	6.6	5.4	4.0	2.0	7.3
Kansas.....	28,539	26,806	28,289	29,796	9,943	11,222	11,717	12,285	5.3	5.9	7.0	5.2	7.4	14.8	3.7	7.8
Minnesota.....	39,565	43,953	46,213	48,348	9,691	10,683	11,155	11,666	4.6	5.0	6.1	3.9	6.5	5.0	6.6	6.7
Missouri.....	42,935	48,230	50,423	53,633	8,720	9,767	10,188	10,790	6.4	7.4	7.9	7.0	8.0	12.2	8.6	7.3
Nebraska.....	14,364	16,298	16,942	17,474	9,139	10,311	10,641	10,940	3.1	2.9	6.3	5.6	6.5	9.4	2.7	7.3
North Dakota.....	5,730	7,202	7,290	7,724	8,761	10,896	10,836	11,350	6.0	7.3	6.8	4.0	7.5	13.7	4.6	6.1
South Dakota.....	5,537	6,375	6,676	6,792	8,028	9,220	9,582	9,704	1.7	1.3	7.7	4.9	8.6	18.2	8.9	7.4
Southeast.....	429,997	488,681	519,957	556,511	8,132	9,108	9,572	10,121	7.0	8.1	8.6	6.9	9.0	4.7	8.7	9.9
Alabama.....	29,187	32,491	34,119	36,562	7,481	8,284	8,647	9,235	7.2	8.0	8.6	9.2	8.5	6.1	8.8	9.0
Arkansas.....	16,472	18,709	19,408	21,046	7,166	8,149	8,424	9,040	8.4	10.4	10.7	5.9	11.7	8.7	11.7	12.2
Florida.....	90,863	105,918	114,356	123,804	9,202	10,362	10,907	11,592	8.3	10.8	11.0	8.8	11.5	10.5	9.4	12.1
Georgia.....	44,187	50,153	54,011	58,944	8,060	9,009	9,573	10,283	9.1	11.0	11.2	7.2	12.2	14.9	11.8	12.1
Kentucky.....	27,987	31,376	32,794	34,080	7,642	8,550	8,893	9,162	3.8	3.5	5.7	6.5	5.5	-4.7	7.0	7.8
Louisiana.....	35,990	42,004	44,652	46,182	8,525	9,778	10,211	10,406	3.4	1.7	1.4	7.5	.2	-2.2	-6.4	3.3
Mississippi.....	16,846	18,790	19,833	20,885	6,678	7,390	7,725	8,072	5.3	5.2	6.4	4.4	6.9	-6.0	9.5	8.1
North Carolina.....	45,652	51,482	54,433	58,725	7,753	8,646	9,048	9,656	7.9	9.6	10.7	5.7	11.9	16.8	12.9	10.6
South Carolina.....	22,822	25,765	27,228	29,224	7,298	8,109	8,475	8,954	7.3	8.8	9.6	6.2	10.6	19.2	9.6	10.0
Tennessee.....	35,202	39,368	41,406	43,867	7,660	8,513	8,899	9,362	5.9	6.9	7.9	4.1	8.7	6.0	9.1	8.8
Virginia.....	49,892	56,396	60,576	65,682	9,305	10,385	11,056	11,835	8.4	10.1	10.0	7.2	11.2	12.1	10.5	11.3
West Virginia.....	14,949	16,229	17,142	17,561	7,664	8,306	8,758	8,937	2.4	-1.0	-1.2	3.1	-2.1	-11.1	-4.1	4.1
Southwest.....	198,922	233,392	252,242	266,037	9,298	10,618	11,088	11,377	5.5	5.5	5.5	9.6	4.8	1.8	-1	7.5
Arizona.....	24,120	27,557	29,109	31,761	8,883	9,805	10,067	10,719	9.1	11.4	11.6	10.2	12.0	16.1	8.9	12.3
New Mexico.....	10,297	11,604	12,483	13,377	7,889	8,695	9,135	9,560	7.2	7.7	7.1	9.7	6.1	-3.2	11.5	8.5
Oklahoma.....	27,909	32,938	36,121	36,896	9,188	10,602	11,247	11,187	2.1	.1	.4	7.1	-1.1	-10.4	-9	2.6
Texas.....	136,596	161,298	174,528	184,003	9,538	10,950	11,423	11,702	5.4	5.5	5.5	10.0	4.7	3.6	-1.6	7.6
Rocky Mountain.....	59,874	68,592	73,785	77,669	9,092	10,154	10,669	10,974	5.3	5.3	5.1	7.4	4.6	-2.0	5.5	6.2
Colorado.....	29,153	33,888	37,400	39,492	10,042	11,360	12,202	12,580	5.6	5.6	5.0	6.7	4.6	1.7	3.2	5.8
Idaho.....	7,619	8,502	8,713	9,239	8,044	8,834	8,937	9,342	6.0	7.5	8.5	5.8	9.2	6.9	12.8	8.3
Montana.....	6,591	7,358	7,677	8,165	8,361	9,245	9,544	9,999	6.4	7.1	7.6	9.8	6.9	1.9	14.6	6.8
Utah.....	11,271	12,856	13,790	14,618	7,656	8,458	8,820	9,031	6.0	6.5	6.6	7.4	6.4	-1.2	6.6	8.3
Wyoming.....	5,239	5,988	6,205	6,156	11,040	12,135	12,211	11,969	-8.8	-4.0	-4.0	10.1	-7.2	-15.3	-8.1	-2.2
Far West.....	335,236	375,891	397,709	425,314	10,689	11,769	12,252	12,878	6.9	8.1	8.2	6.1	8.6	4.6	7.6	9.5
California.....	259,578	292,110	310,699	333,273	10,920	12,081	12,616	13,239	7.3	8.6	8.8	5.9	9.5	6.2	8.9	10.1
Nevada.....	8,681	9,989	10,548	11,153	10,758	11,778	12,022	12,516	5.7	6.1	5.8	7.1	5.6	4.2	7.4	5.6
Oregon.....	24,678	26,666	27,350	29,065	9,356	9,979	10,231	10,920	6.3	7.4	6.9	4.7	7.3	1.6	7.9	7.6
Washington.....	42,300	47,127	49,111	51,823	10,198	11,117	11,466	12,051	5.5	5.7	4.9	8.1	4.1	-3.3	-7	7.5
Alaska.....	5,202	6,159	7,358	8,059	12,916	14,819	16,598	16,820	9.5	11.0	11.0	9.2	11.8	16.8	1.0	10.7
Hawaii.....	9,900	10,836	11,589	12,382	10,222	11,044	11,614	12,101	6.8	7.1	6.8	5.3	7.6	13.7	5.1	

Table 3.—Total and Per Capita Disposable Personal Income

State and region	Total					Per capita					Rank in United States				
	Millions of dollars					Average annual growth (percent) <sup>1</sup>	Percent change <sup>1</sup>	Dollars							
	1979	1980 <sup>r</sup>	1981 <sup>r</sup>	1982 <sup>r</sup>	1983 <sup>p</sup>			1979	1980 <sup>r</sup>	1981 <sup>r</sup>	1982 <sup>r</sup>	1983 <sup>p</sup>			
	1979-83	1982-83	1979-83	1982-83	1979-83	1979-83	1979-83	1979	1980 <sup>r</sup>	1981 <sup>r</sup>	1982 <sup>r</sup>	1983 <sup>p</sup>	1979	1982	1983
United States.....	1,643,846	1,822,850	2,040,564	2,170,481	2,326,344	9.07	7.2	7,320	8,025	8,897	9,369	9,942	.....	.....	.....
New England.....	93,111	104,048	116,031	125,556	136,690	10.07	8.9	7,542	8,413	9,341	10,084	10,945	.....	.....	.....
Connecticut.....	26,930	30,207	33,743	36,605	39,727	10.21	8.5	8,687	9,701	10,783	11,657	12,662	3	3	3
Maine.....	6,812	7,506	8,270	8,881	9,605	8.97	8.2	6,055	6,664	7,309	7,817	8,384	45	41	40
Massachusetts.....	43,188	48,380	53,849	58,371	63,677	10.19	9.1	7,516	8,424	9,355	10,145	11,043	16	11	6
New Hampshire.....	6,396	7,157	8,070	8,768	9,709	11.00	10.7	7,014	7,750	8,606	9,234	10,126	30	24	16
Rhode Island.....	6,699	7,378	8,207	8,736	9,432	8.93	8.0	7,003	7,778	8,620	9,160	9,871	31	26	22
Vermont.....	3,086	3,420	3,891	4,194	4,589	10.13	8.2	6,102	6,678	7,555	8,098	8,640	42	38	39
Mideast.....	325,227	361,142	399,684	428,648	461,674	9.15	7.7	7,678	8,540	9,454	10,126	10,847	.....	.....	.....
Delaware.....	4,408	4,846	5,270	5,712	6,181	8.60	7.3	7,361	8,132	8,839	9,522	10,119	21	17	17
District of Columbia.....	5,821	6,769	7,450	7,980	8,675	10.49	8.7	8,878	10,632	11,729	12,597	13,922	2	2	2
Maryland.....	32,238	36,127	39,962	42,752	46,293	9.46	8.8	7,633	8,550	9,391	10,014	10,752	14	12	8
New Jersey.....	61,216	68,404	76,412	82,601	89,769	10.04	8.7	8,303	9,273	10,329	11,145	12,021	5	4	4
New York.....	135,603	150,301	166,133	179,384	193,764	9.33	8.0	7,690	8,552	9,483	10,231	10,968	13	8	7
Pennsylvania.....	85,942	94,695	104,457	110,220	117,052	8.03	6.2	7,288	7,971	8,799	9,273	9,841	24	22	23
Great Lakes.....	318,672	342,394	372,492	386,598	407,650	6.35	5.4	7,658	8,210	8,947	9,293	9,816	.....	.....	.....
Illinois.....	94,316	100,578	111,636	116,696	123,387	6.95	5.7	8,257	8,797	9,761	10,190	10,742	6	9	9
Indiana.....	39,052	41,431	45,121	46,340	49,073	5.88	5.9	7,133	7,548	8,233	8,445	8,956	26	36	35
Michigan.....	71,681	77,086	82,091	83,879	88,404	5.38	5.4	7,750	8,329	8,934	9,202	9,748	12	25	24
Ohio.....	79,654	86,290	93,447	96,861	102,016	6.38	5.3	7,376	7,989	8,661	8,977	9,494	19	30	27
Wisconsin.....	33,969	37,010	40,198	42,822	44,769	7.15	4.5	7,280	7,827	8,489	8,999	9,423	22	29	29
Plains.....	124,928	134,378	152,200	158,449	166,644	7.47	5.2	7,307	7,812	8,802	9,116	9,565	.....	.....	.....
Iowa.....	21,770	22,905	26,486	26,523	27,315	5.84	3.0	7,464	7,864	9,082	9,104	9,404	17	28	30
Kansas.....	18,588	19,979	22,548	23,870	25,820	8.03	6.1	7,919	8,439	9,439	9,887	10,440	10	14	14
Minnesota.....	29,835	32,941	36,560	38,494	40,204	7.74	4.4	7,388	8,069	8,886	9,292	9,701	18	21	25
Missouri.....	33,977	36,474	40,809	42,701	45,861	7.79	7.4	6,949	7,408	8,264	8,627	9,227	33	32	32
Nebraska.....	11,535	12,203	13,963	14,578	15,056	6.89	3.3	7,374	7,764	8,833	9,156	9,426	20	27	28
North Dakota.....	4,607	4,955	6,146	6,330	6,811	10.26	7.6	7,065	7,576	9,298	9,404	10,009	28	19	21
South Dakota.....	4,615	4,921	5,688	5,953	6,078	7.13	2.1	6,698	7,135	8,227	8,544	8,685	35	35	38
Southeast.....	327,997	366,080	415,139	443,250	478,433	9.90	7.9	6,310	6,923	7,737	8,160	8,701	.....	.....	.....
Alabama.....	22,544	24,677	27,441	28,948	31,109	8.38	7.5	5,826	6,336	6,996	7,337	7,858	49	48	47
Arkansas.....	13,361	14,250	16,192	16,838	18,368	8.28	9.1	5,888	6,200	7,052	7,309	7,890	48	49	45
Florida.....	66,748	77,678	90,700	98,259	107,618	12.68	9.5	7,048	7,867	8,873	9,371	10,077	29	20	18
Georgia.....	33,499	37,295	42,087	45,467	50,042	10.56	10.1	6,214	6,803	7,561	8,059	8,730	40	39	36
Kentucky.....	22,234	23,922	26,762	28,088	29,256	7.10	4.3	6,102	6,532	7,292	7,603	7,876	43	45	46
Louisiana.....	26,401	30,724	35,700	38,124	39,897	10.88	4.7	6,378	7,278	8,311	8,718	8,990	37	31	34
Mississippi.....	13,232	14,503	16,042	16,996	17,994	7.99	5.9	5,276	5,749	6,309	6,620	6,955	51	51	51
North Carolina.....	35,281	38,715	43,649	46,337	50,304	9.27	8.6	6,081	6,575	7,331	7,702	8,271	44	42	41
South Carolina.....	17,498	19,426	21,760	23,056	24,884	9.20	7.9	5,668	6,212	6,848	7,177	7,625	50	50	50
Tennessee.....	27,743	30,361	33,993	35,827	38,250	8.36	6.8	6,120	6,607	7,350	7,700	8,164	41	43	42
Virginia.....	37,719	41,792	46,972	50,698	55,595	10.18	9.7	7,084	7,795	8,649	9,253	10,018	27	23	20
West Virginia.....	11,740	12,736	13,840	14,663	15,116	6.52	3.1	6,054	6,530	7,083	7,491	7,693	46	47	49
Southwest.....	147,840	169,201	196,336	213,538	227,890	11.43	6.7	7,116	7,909	8,932	9,387	9,745	.....	.....	.....
Arizona.....	18,153	20,762	23,496	24,908	27,441	10.88	10.2	6,880	7,603	8,360	8,614	9,261	34	33	31
New Mexico.....	8,016	8,964	9,997	10,808	11,396	9.19	5.4	6,260	6,868	7,491	7,909	8,144	39	40	43
Oklahoma.....	20,684	23,672	27,536	30,477	31,501	11.09	3.4	6,540	6,964	7,938	8,865	9,490	9,551	32	18
Texas.....	100,987	115,803	135,307	147,346	157,553	11.76	6.9	7,272	8,086	9,186	9,644	10,020	23	16	19
Rocky Mountain.....	44,881	50,662	57,800	62,591	66,432	10.30	6.1	6,970	7,693	8,557	9,050	9,386	.....	.....	.....
Colorado.....	21,535	24,406	28,273	31,483	33,557	11.73	6.6	7,558	8,407	9,478	10,271	10,690	15	6	10
Idaho.....	5,939	6,578	7,269	7,465	7,976	7.65	6.8	6,368	6,944	7,553	7,657	8,064	38	44	44
Montana.....	5,161	5,681	6,303	6,620	7,093	8.27	7.1	6,540	7,144	7,919	8,230	8,686	36	37	37
Utah.....	8,536	9,635	10,948	11,807	12,583	10.19	6.6	6,028	6,545	7,202	7,552	7,775	47	46	48
Wyoming.....	3,710	4,412	5,008	5,217	5,223	8.93	.1	8,211	9,298	10,150	10,266	10,156	7	7	15
Far West.....	250,100	282,246	316,688	335,835	363,489	9.80	8.2	8,170	8,999	9,915	10,346	11,006	.....	.....	.....
California.....	193,140	218,263	245,870	261,991	284,605	10.18	8.6	8,305	9,182	10,168	10,638	11,305	4	5	5
Nevada.....	6,274	7,290	8,890	8,915	9,487	10.89	6.4	8,199	9,084	9,892	10,161	10,646	8	10	11
Oregon.....	18,558	20,614	22,236	22,852	24,495	7.19	7.2	7,198	7,815	8,840	8,548	9,203	25	34	33
Washington.....	32,130	36,080	40,142	42,077	44,901	8.73	6.7	8,007	8,698	9,470	9,824	10,441	9	15	13
Alaska.....	3,686	4,295	5,011	6,068	6,754	16.34	11.3	9,136	10,665	12,058	13,689	14,095	1	1	1
Hawaii.....	7,402	8,404	9,184	9,947	10,687	9.62	7.4	7,791	8,677	9,359	9,968	10,445	11	13	12
Census regions.....	93,111	104,048	116,031	125,556	136,690	10.07	8.9	7,542	8,413	9,341	10,084	10,945	.....	.....	.....
New England.....	282,760	313,400	347,002	372,205	400,586	9.10	7.6	7,667	8,509	9,432	10,106	10,818	.....	.....	.....
Middle Atlantic.....	318,672	342,394	372,492	386,598	407,650										

# County and Metropolitan Area Personal Income, 1980-82

## *Revision Schedule for Regional Estimates*

The preliminary annual estimates of State personal income for the preceding calendar year, published in the April issue of the SURVEY OF CURRENT BUSINESS, are derived from the State quarterly series. In August, more reliable annual estimates are published. These estimates are developed independently of the quarterly series and are prepared in more component detail, primarily from Federal and State government administrative records. The August estimates are subsequently revised to incorporate newly available information used to prepare the current local area estimates.

These revised State estimates are published the following April, together with the consistent local area estimates. The State and local area estimates emerging from this process are subject to further revision for several years (the State estimates in August and April and the local area estimates in April only) to incorporate changes in the national totals and more complete information for States and local areas. Approximately every 5 years the estimates will be changed to incorporate a comprehensive revision in the national income and product accounts and to incorporate new or more current State or local area information.

## *Definition of total and per capita personal income*

The personal income of an area is defined as the income received by, or on behalf of, all the residents of that area. It consists of the income received by persons from all sources: from participation in production, from transfer payments from government and business, and from government interest. Persons, in this definition, are individuals, nonprofit institutions, private noninsured welfare funds, and private trust funds. Personal income is measured as the sum of wage and salary disbursements, other labor income, proprietors' income with inventory valuation and capital consumption adjustments, personal dividend income, personal interest income, rental income of persons with capital consumption adjustment, and transfer payments, less personal contributions for social insurance.

The definitions underlying the local area estimates are essentially the same as those underlying the personal income estimates in the national income and product accounts. The major difference is the treatment of U.S. residents temporarily working abroad. The national estimates include Federal civilian and military personnel stationed abroad and U.S. residents who are employed by private U.S. firms and are on temporary foreign assignment. The local area estimates include only persons residing in the 50 States and the District of Columbia.

Per capita personal income is computed by dividing the total personal income by population estimates. The population is measured as of July 1, except for the college student population, which is measured as of April 1.

**T**HIS article presents summary estimates of total and per capita personal income for 1980-82 for metropolitan areas and counties. Table 1 contains estimates for county-based metropolitan areas as recently defined by the U.S. Office of Management and Budget. These include Consolidated Metropolitan Statistical Areas (CMSA's), which are large, complex areas that consist of two or more Primary Metropolitan Statistical Areas (PMSA's), and Metropolitan Statistical Areas (MSA's). The metropolitan areas in New England are defined in terms of cities and towns rather than counties; the estimates presented here are for the alternative area definition—New England County Metropolitan Areas (NECMA's).<sup>1</sup> Table 2 contains estimates for the 3,141 counties and county equivalents.

The 1982 estimates are presented for the first time. The 1980 and 1981 estimates are revised and supersede those presented in the April 1983

SURVEY. Estimates of personal income by type, including earnings by major industrial source, for 1977-82 for metropolitan areas and counties (as shown in table A) will be published in the nine-volume set *Local Area Personal Income*, scheduled for release by July 1984 (see notice on page xx). Volume 1 of that set will include a detailed description of the sources and methods used to derive the estimates.

In addition to the routine annual revisions that were made to the 1980-81 estimates for all areas, the estimates for the District of Columbia and selected areas in Virginia reflect major interim revisions to the labor income residence adjustment. These revisions are based mainly on 1979 place-of-residence wage and salary totals from the 1980 Census of Population and are confined to exactly offsetting changes within pairs or clusters of closely related counties and independent cities. Similar interim revisions for selected areas in other States will be incorporated with the 1983 estimates. Revisions for all counties, based on 1980 census journey-to-work data, will be made as part of the next set of comprehensive revisions to the national and regional personal income estimates.

1. For a discussion of the new metropolitan area concepts and a list of the areas and their components, see U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States: 1984*, (Washington, D.C.: U.S. GPO, 1983), pp. 895-904.

The local area per capita personal income estimates should be used with caution for several reasons. In many instances, an unusually high or low per capita personal income is the temporary result of unusual conditions, such as a bumper crop or a tornado or flood. In other instances, the income levels of certain groups not typical of the resident population cause a longer term high or low per capita personal income that is not indicative of the economic well-being of the area. For instance, a major construction project—such as a defense facility, nuclear power plant, or dam—may substantially raise the per capita personal income of an area for several years because these projects attract highly paid workers whose income is measured at the construction site. This high per capita income is not indicative of the economic well-being of most of the residents of the area (or, in many cases, of the resident construction workers themselves, because they frequently send a substantial portion of their wages to dependents living in other areas).

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

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

NOTE.—ACKNOWLEDGMENTS are on page 34.

**PERSONAL** income by type of payment and earnings by major industry group, as shown in Table A, are available for metropolitan areas and for counties for 1959, 1962, and 1965–82. Similar estimates for 1929, 1940, and 1950 are available for metropolitan areas and nonmetropolitan counties only.

This information can be obtained for one or more countries or metropolitan areas from the Regional Economic Information System of the Regional Economic Measurement Division, Bureau of Economic Analysis. For computer printouts, there is a charge

of \$2 for each State, metropolitan area, or county table containing 6 consecutive years of estimates. However, charges will not exceed \$500 for a complete set of metropolitan area tables and \$1,500 for a complete set of State and county tables for the United States. The tables are also available (at lower cost) in microfiche and magnetic tape form. The minimum charge for each request is \$5. Requests should be addressed to Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

Table A.—Example of Available Data for Local Areas—Personal Income by Major Sources, 1977–82

[Thousands of dollars]

New London County, Connecticut	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>
<b>Income by Place of Residence</b>						
Total personal income.....	1,708,813	1,856,174	2,089,172	2,357,403	2,689,369	2,928,154
Nonfarm personal income <sup>3</sup> .....	1,698,350	1,842,988	2,076,949	2,344,761	2,676,305	2,913,051
Farm income .....	10,463	13,186	12,223	12,642	13,064	15,103
Population (thousands).....	241.3	242.7	240.8	238.1	242.0	241.7
Per capita personal income (dollars).....	7,083	7,647	8,676	9,900	11,113	12,115
<b>Derivation of total personal income:</b>						
Total earnings by place of work <sup>4</sup> .....	1,414,515	1,491,647	1,650,672	1,839,739	2,083,202	2,288,890
Less: Personal contributions for social insurance.....	68,168	72,666	84,514	94,654	115,297	129,420
Plus: Residence adjustment.....	-84,107	-62,831	-40,429	-46,913	-70,416	-95,317
Equals: Net earnings by place of residence.....	1,262,240	1,356,150	1,525,729	1,698,172	1,897,489	2,064,153
Plus: Dividends, interest, and rent <sup>5</sup> .....	229,749	267,314	311,172	368,710	457,218	495,226
Plus: Transfer payments.....	216,824	232,710	252,271	290,521	334,662	368,775
<b>Earnings by Place of Work</b>						
<b>Components of earnings:</b>						
Wages and salaries.....	1,217,054	1,277,342	1,415,324	1,578,110	1,795,947	1,979,513
Other labor income.....	123,585	126,921	138,708	164,121	194,190	217,441
Proprietors' income <sup>1</sup> .....	73,876	87,384	96,640	97,508	93,065	91,936
Farm.....	5,372	7,825	6,245	7,388	7,820	9,100
Nonfarm.....	68,504	79,559	90,395	90,120	85,245	82,836
<b>Earnings by industry:</b>						
Farm.....	10,463	13,186	12,223	12,642	13,064	15,103
Nonfarm.....	1,404,052	1,478,461	1,638,449	1,827,097	2,070,138	2,273,787
Private.....	1,064,700	1,105,913	1,245,870	1,405,130	1,608,228	1,781,915
Ag. serv., for., fish., and other <sup>6</sup> .....	3,267	3,614	4,026	4,065	3,388	3,615
Mining.....	955	986	1,145	1,128	1,057	1,026
Construction.....	40,893	43,997	73,255	80,089	119,899	182,650
Manufacturing.....	608,825	599,924	662,060	760,854	858,424	918,238
Non-durable goods.....	117,291	131,040	148,917	170,063	178,452	190,074
Durable goods.....	491,534	468,884	513,143	590,791	679,972	728,164
Transportation and public utilities.....	60,867	67,024	73,207	81,305	88,159	103,246
Wholesale trade.....	35,588	36,098	40,406	45,387	57,895	55,998
Retail trade.....	116,587	130,060	140,467	150,956	164,586	170,123
Finance, insurance, and real estate.....	26,407	31,319	35,283	37,759	39,681	41,964
Services.....	171,311	192,891	216,021	248,587	275,144	305,115
Government and Government enterprises.....	339,352	372,548	392,579	421,967	461,910	491,872
Federal, civilian.....	67,707	76,762	81,729	85,818	94,644	97,443
Federal, military <sup>7</sup> .....	148,433	161,942	166,043	180,121	198,783	214,647
State and local.....	123,212	133,844	144,807	156,028	168,483	179,782

2. Estimates based on 1972 SIC.

3. Total personal income less farm earnings equals nonfarm personal income.

4. Earnings consists of wage and salary disbursements, other labor income, and proprietors' income.

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

6. Includes the inventory valuation and capital consumption adjustments for nonfarm proprietors.

7. Includes fishing, hunting, trapping; and wages and salaries of U.S. residents working for international organizations in the U.S.

9. The estimates of military earnings for 1977–81 reflect revisions which have not been made for earlier years.

<sup>b</sup>Not shown to avoid disclosure of confidential information. Data are included in totals.

<sup>c</sup>Less than \$50,000. Data are included in totals.

**Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas for Selected Years**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income			Area title			
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in United States	Millions of dollars			Percent change <sup>1</sup>	Dollars				
	1980	1981	1982		1980	1981	1982		1980	1981	1982		1980	1981			
	1982	1982	1982	1981-82	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982		
United States <sup>2</sup>	2,158,685	2,426,901	2,571,517	6.0	9,503	10,582	11,100		Brownsville-Harlingen, TX	1,169	1,370	1,444	5.5	5,541	6,279	6,394	312
Metropolitan portion	1,747,500	1,959,973	2,084,267	6.3	10,125	11,239	11,829		Bryan-College Station, TX	646	834	932	11.7	6,833	8,253	8,627	281
Nonmetropolitan portion	410,885	466,928	487,250	4.4	7,534	8,496	8,785		Buffalo, NY *	9,763	10,727	11,119	8.7	9,634	10,684	11,160	105
Consolidated Metropolitan Statistical Areas: <sup>3</sup>									Burlington, NC	803	906	959	5.9	8,101	9,082	9,522	237
Buffalo, NY	11,818	12,973	13,422	3.5	9,529	10,558	11,022		Burlington, VT (NECMA)	1,032	1,191	1,296	8.9	8,565	9,771	10,565	157
Chicago, IL	88,884	97,417	101,922	4.6	11,190	12,247	12,781		Canton, OH	3,722	4,113	4,208	2.2	9,199	10,180	10,389	179
Cincinnati, OH	16,135	17,615	18,500	5.0	9,711	10,555	11,056		Casper, WY	1,029	1,191	1,196	.5	14,203	15,870	15,496	5
Cleveland, OH	29,801	32,418	33,596	3.6	10,529	11,519	11,963		Cedar Rapids, IA	1,809	1,968	2,004	1.9	10,635	11,569	11,845	64
Dallas, TX	32,700	37,919	41,499	9.4	11,077	12,500	13,202		Champaign-Urbana-Rantoul, IL	1,382	1,558	1,640	5.2	8,216	9,239	9,534	236
Denver, CO	18,357	21,319	23,775	11.5	11,299	12,736	13,819		Charleston, SC	3,189	3,633	3,908	7.6	7,388	8,124	8,585	283
Detroit, MI	52,152	55,005	55,866	1.6	10,987	11,723	12,066		Charleston, WV	2,572	2,790	6.1	9,597	10,363	10,991	117	
Houston, TX	36,740	43,804	47,916	9.4	11,737	13,417	13,855		Charlotte-Gastonia-Rock Hill, NC-SC	8,600	9,731	10,351	6.4	8,812	9,847	10,323	183
Kansas City, MO-KS	14,824	16,355	17,222	5.3	10,330	11,337	11,845		Charlottesville, VA	969	1,095	1,180	7.8	8,499	9,526	10,167	194
Los Angeles, CA	127,030	143,308	151,867	6.0	11,007	12,236	12,730		Chattanooga, TN-GA	3,434	3,784	3,936	4.0	8,044	8,797	9,208	259
Miami, FL	27,903	32,099	34,161	6.4	10,226	11,608	12,246		Chicago, IL *	69,221	75,721	79,569	5.1	11,418	12,476	13,069	27
Milwaukee, WI	16,964	18,538	19,566	5.5	10,764	11,780	12,448		Chico, CA	1,255	1,419	1,459	2.8	8,627	9,561	9,594	280
New York, NY	197,502	221,192	238,857	8.0	11,327	12,694	13,680		Cincinnati, OH-KY-IN	13,814	15,059	15,828	5.1	9,856	10,706	11,224	101
Philadelphia, PA	57,704	64,049	68,413	6.8	10,149	11,246	11,976		Clarksville-Hopkinsville, TN-KY	1,032	1,164	1,250	7.4	6,873	7,764	8,173	301
Pittsburgh, PA	24,337	26,972	27,881	8.4	10,044	11,207	11,604		Cleveland, OH *	21,185	23,048	23,957	3.9	11,181	12,240	12,757	36
Portland, OR	13,713	14,836	15,398	8.4	10,544	11,277	11,564		Colorado Springs, CO	2,652	3,091	3,474	12.4	8,562	9,595	10,493	166
St. Louis, MO	24,116	26,809	28,278	5.5	10,147	11,271	11,896		Columbia, MO	814	899	959	6.6	8,069	8,764	9,219	256
San Francisco, CA	66,066	74,501	80,384	7.9	12,270	13,666	14,577		Columbia, SC	3,835	3,787	4,053	7.0	8,271	9,072	9,585	232
Seattle, WA	23,438	26,082	27,307	4.7	11,155	12,110	12,537		Columbus, GA-AL	1,758	1,934	2,088	7.7	7,362	8,099	8,558	235
Metropolitan Statistical Areas: <sup>4</sup>									Columbus, OH	11,615	12,656	13,463	6.4	9,335	10,056	10,629	150
Abilene, TX	1,092	1,303	1,361	4.4	9,803	11,462	11,522	85	Corpus Christi, TX	2,365	3,402	3,622	6.5	8,745	10,144	10,439	173
Akron, OH *	6,119	6,665	6,925	3.9	9,260	10,138	10,557	159	Cumberland, MD-WV	787	861	898	3.7	7,290	7,989	8,846	292
Albany, NY	831	942	998	5.9	7,345	8,231	8,655	279	Dallas, TX *	22,664	26,310	28,954	10.0	11,499	13,002	13,846	17
Albany-Schenectady-Troy, NY	7,847	8,720	9,357	7.3	9,882	10,461	11,235	99	Davenport-Rock Island-Moline, IA-IL	3,983	4,444	4,441	-1	10,362	11,519	11,572	81
Albuquerque, NM	3,773	4,257	4,618	8.5	8,937	9,929	10,626	151	Dayton-Springfield, OH	8,938	9,781	10,122	3.5	9,481	10,411	10,797	136
Alexandria, LA	933	1,062	1,128	6.2	6,874	7,785	8,242	299	Daytona Beach, FL	2,145	2,530	2,743	8.4	8,219	9,292	9,734	224
Allentown-Bethlehem-Pocono, PA-NJ	6,266	6,955	7,304	5.0	9,815	10,871	11,377	90	Decatur, IL	1,258	1,411	1,422	8	9,572	10,775	10,951	22
Alton-Grafton City, IL	2,530	2,812	2,908	3.4	9,434	10,587	10,957	121	Denver, CO *	16,418	19,054	21,229	11.4	11,446	12,884	13,964	14
Altoona, PA	1,033	1,131	1,173	3.7	7,563	8,385	8,636	280	Des Moines, IA	3,986	4,409	4,596	4.2	10,884	11,878	12,865	44
Amarillo, TX	1,684	1,951	2,096	7.4	9,635	11,020	11,590	77	Detroit, MI *	49,386	52,058	52,883	1.5	11,020	11,752	12,092	55
Anaheim-Santa Ana, CA *	22,965	26,364	28,047	6.4	11,829	13,312	13,927	15	Dothan, AL	883	1,018	1,088	7.0	7,208	8,127	8,580	284
Anchorage, AK	2,507	2,967	3,568	20.9	14,400	16,472	18,429	1	Duluth, MN-WI	2,312	2,539	2,521	-7	8,666	9,550	9,540	235
Anderson, IN	1,204	1,300	1,294	-.5	8,654	9,469	9,559	234	East St. Louis, IL	2,618	2,878	3,021	5.0	8,792	9,610	10,063	200
Anderson, SC	976	1,082	1,128	8.8	7,285	7,970	8,228	300	Belleville, IL *	2,618	2,878	3,021	5.0	8,792	9,610	10,063	200
Ann Arbor, MI *	2,765	2,947	3,033	2.9	10,430	11,239	11,627	76	Eau Claire, WI	1,080	1,155	1,224	6.0	7,863	8,719	9,067	265
Anniston, AL	833	925	983	6.3	7,122	7,608	7,948	307	El Paso, TX	3,203	3,704	3,958	6.9	6,642	7,474	7,882	308
Appleton-Oshkosh-Neenah, WI	2,796	3,050	3,233	6.0	9,545	10,384	10,873	131	Elkhart-Goshen, IN	1,230	1,357	1,441	6.2	8,951	9,934	10,506	164
Asheville, NC	1,287	1,488	1,518	5.6	7,984	8,870	9,282	252	Elmira, NY	823	912	942	3.8	8,420	9,484	9,887	211
Athens, GA	919	1,051	1,109	5.6	7,035	7,944	8,304	295	Enid, OK	656	807	871	8.0	10,441	12,511	12,928	31
Atlanta, GA	21,205	23,982	25,997	8.4	9,867	10,912	11,590	78	Erie, PA	2,452	2,698	2,825	4.7	8,750	9,639	10,046	201
Atlantic City, NJ	2,689	3,101	3,347	7.9	9,694	11,067	11,937	60	Eugene-Springfield, OR	2,332	2,495	2,501	3	8,449	8,993	9,178	260
Augusta, GA-SC	2,631	2,925	3,266	11.6	7,571	8,233	9,219	255	Evensville, IN-KY	2,598	2,884	3,014	4.5	9,391	10,428	10,779	138
Aurora-Elgin, IL *	3,378	3,809	4,038	6.0	10,667	12,032	12,697	39	Fargo-Moorhead, ND-MN	1,255	1,449	1,504	3.7	9,106	10,437	10,748	143
Austin, TX	4,976	5,903	6,567	11.3	9,179	10,563	11,249	96	Fayetteville, NC	1,660	1,847	1,992	7.8	6,720	7,358	7,961	306
Bakersfield, CA	3,741	4,259	4,486	5.3	9,207	10,163	10,342	182	Fayetteville-Springdale, AR	705	801	843	5.3	7,013	7,946	8,904	296
Baltimore, MD	21,778	24,298	25,638	5.5	9,886	10,999	11,560	82	Flint, MI	4,551	5,016	4,887	-2.6	10,114	11,252	11,107	106
Bangor, ME (NECMA)	1,080	1,129	1,192	5.6	7,512	8,221	8,663	278	Florence, AL	1,059	1,171	1,202	2.7	7,826	8,558	8,784	273
Baton Rouge, LA	4,735	5,380	5,736	6.6	9,513	10,566	11,024	111	Florence, SC	752	869	901	3.7	6,813	7,785	8,035	304
Battle Creek, MI	1,850	1,456	1,489	2.2	9,567	10,409	10,667	149	Fort Collins-Loveland, CO	1,287	1,506	1,666	10.6	8,545	9,801	10,531	161
Beaumont-Port Arthur, TX	3,797	4,393	4,564	3.9	10,080	11,455	11,928	61	Fort Lauderdale-Hollywood-Pompano Beach, FL *	11,225	13,121	14,049	7.1	10,979	12,440	13,091	24
Beaver County, PA *	1,866	2,101	2,003	-4.7	9,126	10,395	9,8										

**Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in United States		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in United States				
	1980	1981		1980	1981			1980	1981		1980	1981					
	1982	1981-82		1982	1981	1982		1982	1981		1982	1981	1982				
Greensboro-Winston-Salem-High Point, NC	7,707	8,659	9,134	5.5	9,023	10,058	10,518	162	Monmouth-Ocean, NJ	8,642	9,843	10,656	8.3	10,131	11,450	12,274	48
Greenville, SC	4,654	5,190	5,427	4.6	8,157	8,997	9,340	249	Monroe, LA	1,034	1,184	1,254	5.9	7,401	8,411	8,895	269
Hagerstown, MD	938	1,033	1,073	3.8	8,276	9,179	9,600	229	Montgomery, AL	2,294	2,512	2,668	6.2	8,378	9,099	9,581	233
Hamilton-Middletown, OH *	2,320	2,556	2,672	4.5	8,927	9,748	10,160	195	Muncie, IN	1,036	1,119	1,124	.4	8,076	8,775	8,940	267
Harrisburg-Lebanon-Carlisle, PA	5,340	5,961	6,333	6.2	9,567	10,597	11,231	100	Muskegon, MI	1,315	1,424	1,468	3.1	8,353	9,091	9,442	242
Hartford-New Britain-Middletown-Bristol, CT (NECMA)	11,864	13,214	14,206	7.5	11,258	12,514	13,416	21	Nashville, TN	7,403	8,357	8,844	5.8	8,686	9,779	10,229	192
Hickory, NC	1,578	1,772	1,867	5.3	7,754	8,654	9,001	266	Nassau-Suffolk, NY *	32,516	36,914	40,024	8.4	12,450	14,215	15,384	7
Honolulu, HI	8,083	8,881	9,484	6.8	10,569	11,516	12,130	51	New Bedford-Fall River-Attleboro, MA (NECMA)	3,936	4,380	4,720	7.8	8,268	9,176	9,854	214
Houma-Thibodaux, LA	1,595	1,885	1,964	4.2	8,969	10,279	10,482	170	New Haven-Waterbury-Meriden, CT (NECMA)	7,902	8,799	9,401	6.8	10,356	11,511	12,273	49
Houston, TX *	32,956	39,512	43,379	9.8	11,931	13,676	14,128	12	New London-Norwich, CT (NECMA)	2,357	2,689	2,928	8.9	9,900	11,113	12,115	53
Huntington-Ashland, WV-KY-OH	2,630	2,837	2,910	2.6	7,811	8,420	8,681	277	New Orleans, LA	12,291	14,229	15,184	6.7	9,750	11,124	11,680	71
Huntsville, AL	1,756	2,009	2,193	9.6	8,896	10,038	10,882	129	New York, NY *	88,691	98,713	106,672	8.1	10,709	11,937	12,874	33
Indianapolis, IN	11,725	12,830	13,280	3.0	10,050	10,958	11,236	98	Newark, NJ *	21,361	23,835	25,583	7.3	11,367	12,710	13,671	19
Iowa City, IA	718	819	867	5.9	8,754	9,906	10,923	185	Niagara Falls, NY *	2,055	2,246	2,304	2.6	9,061	9,998	10,401	177
Jackson, MI	1,334	1,443	1,462	1.3	8,818	9,668	9,850	215	Norfolk-Virginia Beach-Newport News, VA	10,090	11,558	12,604	9.0	8,689	9,737	10,491	167
Jackson, MS	3,141	3,478	3,653	5.0	8,644	9,471	9,821	218	Oakland, CA *	20,732	23,248	24,827	6.8	11,740	12,971	13,671	20
Jacksonville, FL	6,389	7,263	7,927	9.1	8,837	9,756	10,483	169	Orlando, FL	902	1,076	1,181	9.7	7,305	8,148	8,492	287
Jacksonville, NC	667	835	931	11.4	5,967	7,362	7,985	305	Owensboro, KY	752	860	889	3.4	8,735	9,975	10,253	189
Janesville-Beloit, WI	1,272	1,417	1,410	-.5	9,091	10,143	10,134	197	Panama City, FL	5,313	5,993	6,441	7.5	9,938	11,012	11,537	84
Jersey City, NJ *	5,476	5,966	6,390	7.1	9,786	10,629	11,430	88	Parkersburg-Marietta, WV-OH	729	845	917	8.5	7,452	8,375	8,775	274
Johnson City-Kingsport-Bristol, TN-VA	3,122	3,553	3,694	4.0	7,189	8,113	8,404	289	Pascagoula, MS	1,326	1,457	1,515	4.0	8,377	9,224	9,590	231
Johnstown, PA	2,142	2,329	2,377	2.0	8,109	8,857	9,112	262	Pensacola, FL	860	998	1,119	12.1	7,300	8,334	9,075	264
Joliet, IL *	3,436	3,787	3,903	3.1	9,620	10,592	10,925	123	Peoria, IL	3,980	4,378	4,356	-.5	10,849	11,978	11,983	57
Joplin, MO	912	1,036	1,089	5.1	7,132	8,041	8,399	291	Philadelphia, PA-NJ *	47,810	53,105	56,636	6.7	10,127	11,228	11,946	59
Kalamazoo, MI	2,103	2,305	2,390	3.7	9,893	10,849	11,170	104	Phoenix, AZ	14,633	16,750	17,840	6.5	9,650	10,735	11,086	108
Kankakee, IL	943	1,068	1,098	2.8	9,154	10,405	10,772	140	Pine Bluff, AR	692	746	746	-.1	7,576	8,214	8,253	298
Kansas City, KS *	6,045	6,691	7,111	6.3	11,612	12,722	13,310	22	Pittsburgh, PA *	22,471	24,872	25,878	4.0	10,128	11,281	11,762	66
Kansas City, MO *	8,779	9,664	10,111	4.6	9,600	10,542	10,994	116	Pittsfield, MA	1,308	1,458	1,549	6.3	9,017	10,128	10,906	125
Kenosha, WI *	1,258	1,348	1,381	2.4	10,192	10,988	11,340	91	Portland, ME (NECMA)	1,980	2,204	2,399	8.8	9,159	10,174	10,998	114
Killeen-Temple, TX	1,571	1,786	2,001	12.1	7,372	8,174	9,218	257	Portland, OR *	11,880	12,877	13,342	3.6	10,731	11,466	11,793	65
Knoxville, TN	4,573	5,122	5,481	7.0	8,066	8,949	9,448	241	Portsmouth-Dover-Rochester, NH (NECMA)	2,477	2,834	3,097	9.3	8,951	9,996	10,775	139
Kokomo, IN	1,031	1,090	1,068	-.2	9,960	10,569	10,514	163	Poughkeepsie, NY	2,406	2,757	3,039	10.2	9,774	11,272	12,363	45
La Crosse, WI	808	900	951	5.7	8,840	9,763	10,198	193	Providence-Pawtucket-Woonsocket, RI (NECMA)	7,973	8,823	9,356	6.0	10,849	11,978	11,983	57
Lafayette, LA	1,942	2,432	2,672	9.9	10,139	12,270	12,889	32	Provo-Orem, UT	1,292	1,467	1,523	3.8	5,863	6,465	6,568	311
Lafayette, IN	1,002	1,109	1,158	4.4	8,231	9,059	9,338	250	Pueblo, CO	1,055	1,184	1,234	4.2	8,369	9,403	9,821	219
Lake Charles, LA	1,546	1,792	1,823	1.8	9,197	10,459	10,460	172	Racine, WI *	1,757	1,905	1,953	2.5	10,112	10,962	11,254	95
Lake County, IL *	5,350	5,944	6,276	5.6	12,108	13,289	13,897	16	Reading, PA	5,131	5,788	6,309	9.0	9,109	10,130	10,889	128
Lakeland-Winter Haven, FL	2,679	3,081	3,152	4.0	8,279	9,050	9,226	254	Redding, CA	3,077	3,447	3,647	5.8	9,821	10,974	11,589	79
Lancaster, PA	3,403	3,813	4,018	5.4	9,350	10,378	10,803	135	Reno, NV	990	1,079	1,144	6.0	8,436	8,960	9,410	244
Lansing-East Lansing, MI	3,981	4,395	4,512	2.7	9,545	10,509	10,871	182	Richland-Kennedwick-Pasco, WA	1,464	1,761	1,778	1.0	10,025	11,824	11,573	80
Laredo, TX	541	642	670	4.3	5,415	6,170	6,174	313	Richmond-Petersburg, VA	7,731	8,695	9,308	7.1	10,118	11,253	11,968	58
Las Cruces, NM	615	720	771	7.0	6,354	7,504	7,729	310	Riverside-San Bernardino, CA *	14,168	16,032	16,952	5.7	9,006	9,873	10,092	199
Las Vegas, NV	4,845	5,618	5,951	5.9	10,379	11,391	11,652	73	Roanoke, VA	1,982	2,301	2,301	5.1	8,980	9,876	10,391	178
Lawrence, KS	518	588	617	4.8	7,628	8,507	8,870	271	Rochester, MN	985	1,091	1,187	8.7	10,708	11,715	12,623	40
Lawton, OK	794	905	1,027	13.5	7,112	8,020	8,491	288	Rochester, NY	10,080	11,321	12,196	7.7	10,354	11,629	12,463	42
Lewiston-Auburn, ME (NECMA)	766	830	870	4.9	7,675	8,322	8,731	275	Rockford, IL	2,804	3,111	3,139	.9	10,000	11,117	11,244	97
Lexington-Fayette, KY	2,903	3,309	3,498	5.7	9,116	10,358	10,918	124	Sacramento, CA	11,168	12,245	13,025	6.4	10,085	10,806	11,176	103
Lima, OH	1,413	1,500	1,556	3.8	9,100	9,707	10,159	196	Saginaw-Bay City-Midland, MI	3,983	4,329	4,328	0	9,461	10,333	10,422	175
Lincoln, NE	1,862	2,062	2,169	5.2	9,610	10,470	10,898	126	St. Cloud, MN	1,209	1,362	1,438	5.5	7,382	8,208	8,555	286
Little Rock-North Little Rock, AR	4,170	4,645	4,934	6.2	8,728	9,724	10,245	190	St. Joseph, MO	732	822	870	5.9	8,340	9,436	10,026	203
Longview-Marshall, TX	1,396	1,658	1,781	7.4	9,128	10,537	10,771	141	St. Louis, MO-IL *	18,968	21,119	22,349	5.8	10,475	11,654	12,338	47
Lorain-Elyria, OH *	2,498	2,705	2,713	.3	9,087	9,876	9,893	209	Salem, OR	2,135	2,336	2,387	2.2	8,522	9,152	9,362	247
Los Angeles-Long Beach, CA	84,585	94,919	100,426	5.8	11,290	12,550	13,080	26	Salinas-Seaside-Monterey, CA	3,344	3,737	3,961	6.0	11,486	12,510	13,014	30
Louisville, KY-IN	8,769	9,718	10,113	4.1	9,179	10,177	10,579	155	Salt Lake City-Ogden, UT	7,651	8,680	9,378	8.0	8,349	9,172	9,670	226
Lubbo																	

**Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in United States		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in United States				
	1980	1981		1980	1981			1980	1981		1980	1981					
			1981-82			1982				1981-82			1982				
Savannah, GA .....	1,826	2,076	2,239	7.9	8,271	9,259	9,771	221	Tuscaloosa, AL .....	969	1,084	1,161	7.1	7,032	7,810	8,404	290
Scranton-Wilkes-Barre, PA .....	5,889	6,511	6,892	5.8	8,075	8,945	9,476	240	Tyler, TX .....	1,227	1,453	1,607	10.6	9,485	11,022	11,761	67
Seattle, WA *	18,946	21,081	22,079	4.7	11,738	12,772	13,239	23	Utica-Rome, NY .....	2,622	2,920	3,102	6.2	8,191	9,161	9,752	222
Sharon, PA .....	1,093	1,221	1,202	-1.6	8,497	9,558	9,426	243	Vallejo-Fairfield-Napa, CA *	3,284	3,712	4,000	7.7	9,728	10,753	11,278	94
Sheboygan, WI .....	985	1,084	1,129	4.1	9,724	10,718	11,044	109	Vancouver, WA *	1,834	2,009	2,057	2.4	9,477	10,201	10,274	188
Sherman-Denison, TX .....	807	923	968	4.9	8,920	10,093	10,495	165	Victoria, TX .....	665	815	872	7.1	9,584	11,380	11,723	68
Shreveport, LA .....	3,049	3,574	3,808	6.6	9,130	10,587	11,006	113	Vineland-Millville-Bridgeton, NJ .....	1,119	1,254	1,337	6.7	8,430	9,374	10,018	204
Sioux City, IA-NE .....	1,098	1,244	1,247	.3	9,373	10,539	10,559	158	Visalia-Tulare-Porterville, CA .....	2,115	2,316	2,380	2.8	8,553	9,121	9,216	258
Sioux Falls, SD .....	1,065	1,198	1,263	5.4	9,685	10,838	11,206	102	Waco, TX .....	1,458	1,681	1,801	7.1	8,515	9,729	10,299	186
South Bend-Mishawaka, IN .....	2,199	2,424	2,536	4.6	9,117	10,075	10,573	156	Washington, DC-MD-VA .....	41,150	46,199	49,949	8.1	12,628	13,957	14,960	9
Spokane, WA .....	3,032	3,345	3,437	2.7	8,860	9,630	9,839	216	Waterloo-Cedar Falls, IA .....	1,630	1,817	1,802	-8	9,989	11,181	11,029	110
Springfield, IL .....	1,859	2,091	2,198	5.1	9,886	11,127	11,711	70	Wausau, WI .....	923	1,011	1,053	4.2	8,249	9,030	9,346	248
Springfield, MO .....	1,708	1,923	2,050	6.6	8,194	9,218	9,783	223	West Palm Beach-Boca Raton-Delray Beach, FL .....	7,030	8,421	9,159	8.8	12,106	13,535	14,150	11
Springfield, MA (NECMA) .....	5,207	5,755	6,088	5.8	8,943	9,863	10,474	171	Wheeling, WV-OH .....	1,604	1,747	1,816	3.9	8,648	9,456	9,855	213
State College, PA .....	803	886	945	6.7	7,104	7,752	8,311	294	Wichita, KS .....	4,528	5,138	5,336	3.9	10,967	12,184	12,433	43
Steubenville-Weirton, OH-WV .....	1,514	1,621	1,602	-1.2	9,276	9,998	9,937	208	Wichita Falls, TX .....	1,221	1,444	1,538	6.5	10,099	11,627	12,099	54
Stockton, CA .....	3,475	3,879	4,075	5.1	9,952	10,758	10,969	120	Williamsport, PA .....	954	1,056	1,103	4.5	8,049	8,990	9,399	245
Syracuse, NY .....	5,724	6,384	6,869	7.6	8,902	9,987	10,755	142	Wilmington, DE-NJ-MD .....	5,416	5,942	6,416	8.0	10,324	11,320	12,117	52
Tacoma, WA .....	4,492	5,001	5,228	4.5	9,222	9,937	10,244	191	Wilmington, NC .....	863	961	1,021	6.2	8,321	9,144	9,512	239
Tallahassee, FL .....	1,412	1,615	1,739	7.6	7,387	8,188	8,623	282	Worcester-Fitchburg-Leominster, MA (NECMA) .....	5,807	6,445	6,806	5.6	8,978	9,949	10,491	168
Tampa-St. Petersburg-Clearwater, FL .....	14,411	16,921	18,370	8.6	8,875	10,071	10,675	148	Yakima, WA .....	1,469	1,602	1,699	6.1	8,508	9,165	9,633	227
Terre Haute, IN .....	1,149	1,240	1,276	2.9	8,371	9,056	9,373	246	York, PA .....	3,417	3,822	4,009	4.9	8,923	9,927	10,352	180
Texarkana, TX-Texarkana, AR .....	874	1,002	1,067	6.5	7,696	8,773	9,267	253	Youngstown-Warren, OH .....	5,058	5,512	5,428	-1.5	9,533	10,453	10,343	181
Toledo, OH .....	5,902	6,397	6,708	4.9	9,553	10,382	10,892	127	Yuba City, CA .....	946	1,037	1,040	.3	9,233	10,002	9,822	217
Topeka, KS .....	1,586	1,766	1,874	6.1	10,220	11,143	11,857	63									
Trenton, NJ .....	3,359	3,749	4,023	7.3	10,920	12,208	13,043	28									
Tucson, AZ .....	4,626	5,319	5,661	6.4	8,678	9,598	9,969	205									
Tulsa, OK .....	7,005	8,268	8,936	8.1	10,564	12,182	12,750	37									

1. Percent change was calculated from unrounded data.

2. The personal income level shown for the United States differs from that in the national income and product accounts, primarily because it omits income received by Federal Government employees overseas.

3. Only the name of the largest city in each Consolidated Metropolitan Statistical Area (CMSA) is shown. Complete titles designated by the Office of Management and Budget include additional city names.

4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's, indicated by \*), and New England County Metropolitan Areas (NECMA's). The Bridgeport-Stamford-Norwalk-Danbury, CT NECMA is presented as a PMSA (part of the New York CMSA).

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Estimates of dividends, interest, rent, and proprietors' income were prepared by the Proprietors' Income Branch under the supervision of Arthur L. Sensenig, Assistant Chief. Major responsibilities were assigned to Charles A. Jolley and James M. Zavrel.

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Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income					
	Millions of dollars			Percent change <sup>1</sup>				Millions of dollars			Percent change <sup>1</sup>					
	1980	1981	1982	1981-82	Dollars			1980	1981	1982	1981-82	Dollars				
					1980	1981	1982					1980	1981	1982		
United States <sup>2</sup>	2,158,685	2,426,901	2,571,517	6.0	9,503	10,582	11,100	Kuskokwim	15	18	20	12.7	5,725	6,591	7,218	27
Metropolitan portion	1,747,800	1,959,973	2,084,267	6.3	10,125	11,239	11,829	Matanuska-Susitna	196	238	304	27.9	10,693	12,425	13,874	15
Nonmetropolitan portion	410,885	466,928	487,250	4.4	7,534	8,496	8,785	Nome	53	61	73	19.2	8,194	9,204	10,627	23
Alabama	29,137	32,491	34,119	5.0	7,481	8,284	8,647	Outer Ketchikan	17	18	19	4.8	12,400	11,850	12,145	20
Metropolitan portion	20,038	22,240	23,418	5.3	8,137	8,933	9,348	Prince of Wales	28	34	39	13.8	11,360	12,125	13,504	16
Nonmetropolitan portion	9,099	10,250	10,701	4.4	6,352	7,155	7,429	Seward	34	40	48	21.1	12,044	13,558	15,289	10
Autauga	229	237	247	4.3	7,048	7,321	7,608	Sitka	96	108	117	8.5	12,241	13,488	14,746	11
Baldwin	591	637	719	4.7	7,488	8,516	8,709	Skagway-Yukatut	25	29	34	16.7	9,557	10,765	12,080	21
Barbour	151	177	184	3.9	6,084	7,413	7,681	Southeast Fairbanks	44	52	63	21.0	8,026	9,648	11,193	22
Bibb	95	105	110	4.3	6,087	6,768	6,878	Upper Yukon	19	23	26	17.3	11,648	14,029	15,954	7
Blount	192	218	222	1.9	5,245	5,895	6,055	Valdez-Chitina	75	87	102	17.0	12,675	14,164	15,937	8
Bullock	67	76	80	4.9	6,353	7,414	7,527	Whittier	21	25	29	14.9	12,765	14,056	14,056	14
Butler	135	153	156	2.4	6,218	7,054	7,174	Wade Hampton	66	77	90	17.2	10,783	12,332	14,056	13
Calhoun	833	925	983	6.3	7,123	7,608	7,948	Wrangell-Petersburg	66	74	85	15.7	12,675	14,164	15,937	8
Chambers	262	285	296	3.9	6,678	7,170	7,391	Yukon-Koyukuk	14,633	16,750	17,840	6.5	9,650	10,735	11,086	1
Cherokee	106	124	127	2.7	5,642	6,629	6,679	Arizona	24,120	27,557	29,109	5.6	8,833	9,805	10,067	.....
Chilton	185	201	215	6.6	6,043	6,495	6,950	Metropolitan portion	19,259	22,069	23,501	6.5	9,397	10,437	10,795	.....
Choctaw	101	111	121	8.7	6,027	6,833	7,490	Nonmetropolitan portion	4,861	5,488	5,608	2.2	7,134	7,886	7,851	.....
Clarke	177	195	203	4.4	6,416	6,828	7,109	Apache	278	295	311	5.6	5,347	5,762	5,951	14
Clay	83	95	101	5.8	6,061	7,061	7,397	Cochise	597	679	717	5.6	6,883	7,649	7,969	8
Cleburne	70	77	82	6.6	5,509	6,232	6,441	Coconino	532	590	621	5.8	7,079	7,868	8,082	7
Coffee	264	310	330	6.5	6,828	7,813	8,187	Gila	301	357	358	3	8,109	9,132	8,987	4
Colbert	420	462	471	1.9	7,689	8,424	8,655	Graham	135	142	142	-4	5,855	6,202	6,069	13
Conecuh	89	101	105	3.8	5,628	6,594	6,898	Greenlee	97	113	87	-23.5	8,668	9,475	7,222	11
Coosa	67	74	80	8.2	5,586	6,618	7,119	Maricopa	14,633	16,750	17,840	6.5	9,650	10,735	11,086	1
Covington	244	275	291	5.6	6,621	7,487	7,921	Mohave	425	490	502	2.3	7,495	8,252	8,065	6
Crenshaw	80	89	93	4.6	5,684	6,319	6,709	Navajo	431	468	494	5.6	6,331	6,929	7,205	12
Cullman	409	459	478	4.2	6,638	7,355	7,625	Pima	4,626	5,319	5,661	6.4	8,678	9,598	9,969	2
Dale	297	343	375	9.2	6,193	7,000	7,638	Pinal	652	771	739	-4.0	7,178	8,330	7,729	9
Dallas	347	399	420	5.3	6,442	7,158	7,482	Santa Cruz	147	166	173	4.1	7,112	7,977	8,073	5
De Kalb	308	357	374	4.7	5,738	6,545	6,800	Yavapai	536	686	731	6.6	8,550	9,348	9,641	3
Elmore	332	349	4.9	7,060	7,477	7,934	Yuma	681	732	733	2	7,445	7,829	7,649	10	
Escambia	257	288	300	4.8	6,669	7,601	8,108	Arkansas	16,472	18,709	19,408	3.7	7,166	8,149	8,424	.....
Etowah	766	846	855	1.1	7,425	8,141	8,263	Metropolitan portion	7,188	8,028	8,430	5.0	8,078	9,018	9,425	.....
Fayette	126	139	144	3.8	6,648	7,519	7,845	Nonmetropolitan portion	9,284	10,681	10,978	2.8	6,590	7,598	7,789	.....
Franklin	190	217	226	4.2	6,692	7,657	7,832	Arkansas	194	240	224	-6.4	8,080	9,897	9,246	8
Geneva	159	183	190	3.8	6,543	7,875	8,158	Ashley	174	200	202	.9	6,548	7,436	7,622	32
Greene	57	66	68	4.0	5,144	6,058	6,266	Baxter	208	241	260	7.6	7,548	8,709	9,251	7
Hale	80	90	93	2.7	5,111	5,934	6,071	Benton	626	731	774	6.0	7,918	9,191	9,668	5
Henry	93	123	126	3.0	6,071	8,204	8,537	Boone	192	216	234	8.1	7,274	8,147	8,769	9
Houston	587	674	713	5.8	7,860	8,852	9,175	Bradley	89	102	104	1.9	6,473	7,458	7,688	28
Jackson	362	407	404	-7	7,046	7,865	7,791	Calhoun	34	37	40	7.7	5,503	6,196	6,671	62
Jefferson	6,293	6,859	7,185	4.8	9,375	10,195	10,683	Carroll	108	125	138	10.6	6,622	7,660	8,410	11
Lamar	112	127	132	3.9	6,786	7,924	8,300	Chicot	85	108	107	-1.0	4,778	6,040	5,900	69
Lauderdale	639	709	731	3.2	7,920	8,648	8,869	Clark	154	170	177	4.0	6,575	7,328	7,689	26
Lawrence	168	184	195	5.8	5,562	6,027	6,276	Clay	123	151	144	-4.6	5,970	7,432	7,118	48
Lee	494	549	577	5.0	6,450	7,134	7,260	Cleburne	107	124	132	5.9	6,292	7,299	7,494	37
Limestone	299	341	354	3.8	6,488	7,435	7,729	Cleveland	46	49	49	.2	5,744	6,104	6,095	68
Lowndes	69	77	80	3.8	5,248	6,043	6,341	Columbia	191	223	234	4.9	7,157	8,316	8,617	10
Macon	141	154	162	4.8	5,280	5,791	6,070	Conway	126	141	147	3.9	6,436	7,345	7,675	29
Madison	1,756	2,000	2,193	9.6	8,896	10,088	10,882	Craighead	451	503	513	1.8	7,107	7,990	8,197	17
Marengo	147	168	180	7.2	5,869	6,733	7,235	Crawford	222	251	263	4.7	5,982	6,718	6,962	52
Marion	181	205	216	5.5	6,008	6,728	7,119	Crittenden	312	359	366	2.0	6,318	7,249	7,364	40
Marshall	474	522	545	4.6	7,224	7,827	8,143	Cross	129	159	148	-7.1	6,319	7,717	7,134	47
Mobile	2,853	3,214	3,342	4.0	7,822	8,679	8,907	Dallas	68	75	78	4.6	6,445	7,098	7,344	42
Monroe	146	165	172	4.1	6,447	7,511	7,800	Deshaw	116	135	133	-1.3	5,852	6,875	6,750	56
Montgomery	1,758	1,943	2,072	6.7	8,887	9,749	10,257	Drew	102	116	116	-3	5,704	6,476	6,477	63
Morgan	679	765	795	4.0	7,521	8,463	8,762	Faulkner	306	340	365	7.3	6,549	7,298	7,737	23
Perry	67	80	82	1.9	4,457	5,399	5,490	Franklin	90	103	111	7.7	6,065	6,976	7,418	39
Pickens	129	142	149	4.5	6,044	6,733	6,973	Fulton	48	53	57	6.7	4,822	5,327	5,681	70
Pike	176	204	212	4.0	6,230	7,122	7,488	Garland	572	651	694	6.8	8,128	9,182	9,728	4
Randolph	113	132	140	6.0	5,643	6,711	7,053	Grant	90	98	101	3.3	6,885	7,533	7,888	21
Russell	300	337	348	3.3	6,346	7,115	7,356	Greene	195	226	227	-4	6,307	7,360	7,319	43
St. Clair	251	276	288	4.2	6,050	6,582	6,821	Hempstead	154	172						

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Millions of dollars			Percent change <sup>1</sup>	Dollars					
	1980	1981	1982		1980	1981		1980	1981	1982		1980	1981				
	1981-82	1982	1982		1980	1981	1982	1982	1980	1981		1980	1981				
Prairie.....	63	83	74	-10.6	6,163	8,192	7,291	45	Conejos.....	33	37	39	7.6	4,271	4,729	5,067	63
Pulaski.....	3,265	8,623	3,861	6.6	9,521	10,581	11,201	1	Costilla.....	20	24	23	-5.0	6,652	7,775	7,238	59
Randolph.....	94	109	108	-3	5,584	6,555	6,607	60	Crowley.....	23	28	29	-8	7,672	9,443	9,556	30
St. Francis.....	186	218	219	-7	6,040	7,042	7,018	51	Delta.....	12	13	15	9.7	7,660	8,530	8,982	39
Saline.....	355	395	417	5.4	6,641	7,355	7,655	30	Denver.....	152	181	193	6.7	7,095	8,028	8,195	47
Scott.....	55	60	63	4.0	5,609	6,240	6,447	64	Dolores.....	11	12	14	11.8	6,700	7,247	8,076	51
Searcy.....	39	43	45	5.6	4,428	4,904	5,125	74	Douglas.....	294	350	401	14.8	11,420	12,985	13,959	4
Sebastian.....	825	930	959	3.2	8,648	9,698	10,093	3	Eagle.....	147	172	195	13.4	11,044	12,429	12,615	11
Sevier.....	85	94	96	2.9	6,018	6,652	6,830	55	Elbert.....	50	54	60	11.5	7,104	7,630	8,108	49
Sharp.....	90	103	111	7.5	6,087	6,932	7,571	34	El Paso.....	2,652	3,091	3,474	12.4	8,562	9,595	10,493	20
Stone.....	44	49	52	5.6	4,778	5,322	5,579	71	Fremont.....	215	247	265	7.1	7,444	8,450	8,882	42
Union.....	421	482	498	3.2	8,387	9,931	10,219	2	Garfield.....	229	308	384	24.7	10,072	12,406	13,372	6
Van Buren.....	70	88	87	5.3	5,223	6,116	6,252	67	Gilpin.....	15	18	21	13.0	6,212	7,217	7,874	52
Washington.....	705	801	843	5.3	7,013	7,946	8,304	13	Grand.....	68	80	85	6.3	9,051	10,163	10,242	25
White.....	324	379	397	4.7	6,323	7,376	7,723	24	Gunnison.....	69	80	85	5.8	6,404	7,373	7,749	54
Woodruff.....	72	92	83	-9.2	6,385	8,274	7,612	33	Hinsdale.....	2	3	4	25.3	6,101	6,983	7,837	53
Yell.....	107	125	132	5.6	6,286	7,324	7,687	27	Huerfano.....	39	44	47	5.7	6,143	6,875	6,977	61
California.....	259,578	292,110	310,699	6.4	10,920	12,081	12,616	.....	Jackson.....	17	18	21	12.8	8,886	9,191	10,313	22
Metropolitan portion.....	249,687	281,164	299,389	6.5	11,024	12,212	12,771	.....	Jefferson.....	4,188	4,884	5,437	11.3	11,207	12,693	13,847	5
Nonmetropolitan portion.....	9,890	10,946	11,310	3.3	8,820	9,464	9,550	.....	Kiowa.....	18	17	16	-5.6	9,247	8,441	8,222	46
Alameda.....	12,659	14,139	15,036	6.3	11,459	12,569	13,210	8	Kit Carson.....	66	74	71	-5.3	8,671	9,838	9,209	35
Alpine.....	8	8	10	17.1	6,807	7,186	8,147	57	Lake.....	79	87	76	-12.4	8,977	9,646	8,978	40
Amador.....	179	196	210	7.0	9,142	9,704	10,149	29	Larimer.....	1,287	1,506	1,666	10.6	8,545	9,801	10,531	18
Butte.....	1,255	1,419	1,459	2.8	8,627	9,561	9,594	39	Las Animas.....	105	114	117	2.2	7,051	7,543	7,698	55
Calaveras.....	166	189	199	5.3	7,909	8,600	8,543	56	Lincoln.....	36	42	43	4.7	7,709	8,378	9,437	32
Colusa.....	187	223	183	-17.9	14,603	17,094	13,356	7	Logan.....	176	217	220	1.5	8,876	10,879	11,054	16
Contra Costa.....	8,073	9,109	9,791	7.5	12,211	13,648	14,445	5	Mesa.....	710	876	968	10.5	8,582	10,045	10,308	23
Del Norte.....	157	171	165	-3.7	8,576	9,142	8,955	50	Mineral.....	8	10	10	-4.7	9,927	11,222	11,380	15
El Dorado.....	763	850	897	5.5	8,721	9,452	9,562	40	Moffat.....	125	134	149	11.1	9,266	9,954	10,268	24
Fresno.....	5,098	5,582	5,746	2.9	9,860	10,621	10,731	23	Montezuma.....	116	138	154	12.2	6,955	7,955	8,589	44
Glenn.....	233	263	237	-9.9	10,846	12,035	10,736	22	Monterey.....	169	193	212	10.0	6,894	7,621	8,255	45
Humboldt.....	971	1,055	1,065	1.0	8,993	9,573	9,703	36	Morgan.....	202	234	240	2.5	8,902	10,410	10,525	19
Imperial.....	857	890	921	3.6	9,261	9,338	9,433	42	Otero.....	180	203	208	2.3	7,979	8,974	9,231	34
Inyo.....	168	191	197	3.0	9,314	10,653	10,716	24	Ouray.....	15	18	19	7.7	7,956	8,747	9,300	33
Kern.....	3,741	4,259	4,486	5.3	9,207	10,163	10,342	28	Park.....	34	40	46	15.2	6,114	6,855	7,512	58
Kings.....	615	696	706	1.4	8,839	9,130	9,049	48	Phillips.....	55	64	61	-3.2	12,117	14,052	13,367	7
Lake.....	294	343	385	12.1	7,964	8,796	9,461	41	Pitkin.....	143	163	177	8.4	14,043	16,212	17,186	1
Lassen.....	177	192	202	5.7	8,066	8,449	8,682	55	Prowers.....	94	110	121	10.3	7,211	8,438	9,165	36
Los Angeles.....	84,585	94,919	100,426	5.8	11,290	12,550	13,080	9	Pueblo.....	1,055	1,184	1,234	4.2	8,369	9,403	9,821	28
Madera.....	568	618	629	1.9	8,857	9,197	9,139	47	Rio Blanco.....	66	78	89	14.5	10,333	11,546	12,770	8
Marin.....	3,490	3,924	4,250	8.3	15,672	17,529	19,028	1	Rio Grande.....	94	100	110	9.6	8,966	9,252	9,955	27
Mariposa.....	100	111	117	5.4	8,856	9,498	9,754	33	Routt.....	149	166	176	5.5	10,934	12,267	12,623	10
Mendocino.....	584	641	675	5.3	8,681	9,415	9,736	34	Saguache.....	21	26	28	4.9	5,502	6,627	6,958	62
Merced.....	1,276	1,885	1,443	4.2	9,427	9,951	10,146	30	San Juan.....	5	9	9	1.8	6,401	8,890	7,663	56
Modoc.....	82	87	90	3.2	9,474	9,629	9,701	37	San Miguel.....	19	20	22	9.7	5,820	6,121	6,978	60
Mono.....	73	84	92	10.6	8,301	9,311	9,857	32	Sedgwick.....	33	38	37	-2.2	10,188	11,702	11,494	13
Monterey.....	3,344	3,737	3,961	6.0	11,486	12,510	13,014	11	Summit.....	87	103	117	13.9	9,756	10,984	11,417	14
Napa.....	1,048	1,194	1,270	6.3	10,527	11,998	12,586	12	Teller.....	61	71	81	13.5	7,412	8,361	8,922	41
Nevada.....	419	487	522	7.1	7,968	8,615	8,739	54	Washington.....	50	54	48	-10.1	9,362	10,365	9,041	37
Orange.....	22,965	26,364	28,047	6.4	11,829	13,812	13,927	6	Weld.....	1,080	1,247	1,317	5.6	8,673	9,952	10,411	21
Placer.....	1,127	1,272	1,360	6.9	9,509	10,401	10,793	20	Yuma.....	85	116	109	-6.0	8,748	11,885	11,008	17
Plumas.....	140	155	160	3.1	7,978	8,671	8,743	53	Connecticut.....	35,920	40,278	43,366	7.7	11,536	12,871	13,810	.....
Riverside.....	6,271	7,137	7,579	6.2	9,847	10,332	10,606	25	Metropolitan portion.....	33,441	37,480	40,372	7.7	11,676	13,027	13,987	.....
Sacramento.....	8,135	8,848	9,465	7.0	10,327	10,989	11,421	16	Nonmetropolitan portion.....	2,480	2,798	2,994	7.0	9,922	11,094	11,793	.....
San Benito.....	223	248	259	4.4	8,856	9,599	9,624	38	Fairfield.....	11,318	12,777	13,897	8.3	13,989	15,683	16,878	1
San Bernardino.....	7,897	8,895	9,373	5.4	8,752	9,532	9,711	35	Hartford.....	9,417	10,491	11,292	7.6	11,688	12,962	13,918	2
San Diego.....	18,629	21,220	22,832	7.6	9,948	11,057	11,638	14	Litchfield.....	1,698	1,911	2,030	6.3	10,787	12,055	12,742	3
San Francisco.....	9,268	10,367	11,153	7.6	13,655	15,139	16,126	3	Middlesex.....	1,374	1,527	1,626	6.5	10,609	11,755	12,481	4
San Joaquin.....	3,475	3,879	4,075	5.1	9,952	10,758	10,969	19	New Haven.....	7,902	8,799	9,401	6.8	10,356	11,511	12,273	5
San Luis Obispo.....	1,382	1,575	1,663	5.6	8,825	9,705	9,980	31	New London.....	2,857	2,869	2,928	8.9				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Millions of dollars			Percent change <sup>1</sup>	Dollars					
	1980	1981	1982		1980	1981		1980	1981	1982		1980	1981				
							1982										
Duval.....	5,254	5,929	6,453	8.8	9,209	10,145	10,957	12	Coweta.....	311	359	390	8.8	7,880	8,890	9,490	10
Escambia.....	1,807	2,088	2,261	8.3	7,749	8,590	9,097	25	Crawford.....	34	37	39	6.1	4,384	5,065	5,481	155
Flagler.....	85	106	118	12.0	7,699	8,497	8,985	28	Crisp.....	119	140	148	5.3	6,093	7,083	7,376	90
Franklin.....	37	43	46	6.9	4,853	5,606	5,889	62	Dade.....	69	76	77	2.1	5,556	6,315	6,550	128
Gadsden.....	204	235	247	4.9	4,909	5,523	5,742	64	Dawson.....	34	38	40	3.5	6,962	7,743	7,678	69
Gilchrist.....	38	44	49	10.5	6,468	7,094	7,406	45	Decatur.....	159	193	194	.7	6,207	7,427	7,387	89
Glades.....	26	29	32	7.3	4,316	4,824	5,019	67	De Kalb.....	5,703	6,341	6,846	8.0	11,842	12,979	13,909	1
Gulf.....	70	80	87	9.1	6,539	7,427	7,920	36	Dodge.....	95	114	120	5.6	5,642	6,664	7,031	102
Hamilton.....	52	63	64	1.7	6,007	7,077	7,096	48	Dooly.....	66	82	92	12.2	6,112	7,530	8,600	31
Hardee.....	145	153	158	3.3	7,559	7,601	7,792	38	Dougherty.....	778	874	924	5.8	7,685	8,548	8,997	23
Hendry.....	160	183	198	8.1	8,547	9,241	9,678	19	Douglas.....	408	463	502	8.4	7,418	8,226	8,572	32
Hernando.....	311	390	442	13.3	6,840	7,638	7,897	37	Early.....	73	97	101	4.6	5,547	7,301	7,591	74
Highlands.....	370	431	464	7.6	7,725	8,491	8,764	30	Echols.....	12	14	15	4.0	5,309	6,100	6,494	129
Hillsborough.....	5,524	6,376	6,897	8.2	8,500	9,485	10,026	16	Effingham.....	120	139	148	6.6	6,501	7,442	7,639	72
Holmes.....	74	88	93	5.8	5,051	5,740	5,932	61	Elbert.....	136	150	154	3.3	7,209	7,919	8,137	46
Indian River.....	627	756	809	7.0	10,332	11,731	11,834	7	Emanuel.....	115	135	152	12.6	5,584	6,402	7,169	95
Jackson.....	226	268	282	5.2	5,792	6,709	7,057	49	Evans.....	51	60	64	7.1	6,029	7,000	7,428	81
Jefferson.....	62	70	74	5.6	5,755	6,357	6,547	54	Fannin.....	84	91	93	1.5	5,671	6,112	6,178	140
Lafayette.....	20	27	28	-2.4	4,831	6,550	6,257	57	Fayette.....	258	301	340	13.0	8,657	9,546	10,076	7
Lake.....	922	1,060	1,145	8.1	8,736	9,613	10,070	15	Floyd.....	643	713	743	4.2	8,079	8,955	9,353	14
Lee.....	1,965	2,364	2,544	7.6	9,456	10,783	10,995	11	Forsyth.....	184	221	245	10.6	6,494	7,610	8,123	47
Leon.....	1,208	1,380	1,492	8.1	8,077	8,914	9,403	21	Franklin.....	94	106	109	3.6	6,197	6,840	7,089	99
Levy.....	115	134	150	12.0	5,719	6,346	6,745	53	Fulton.....	6,633	7,388	7,939	7.4	11,204	12,345	13,203	2
Liberty.....	20	23	25	5.1	4,738	5,517	5,681	65	Gilmer.....	71	83	85	2.2	6,401	7,394	7,406	83
Madison.....	92	108	113	4.8	6,187	7,128	7,453	44	Glascock.....	16	19	20	4.7	6,814	8,176	8,643	30
Manatee.....	1,387	1,645	1,780	8.2	9,270	10,523	11,011	10	Glynn.....	485	539	567	5.2	8,798	9,704	10,115	6
Marion.....	902	1,076	1,181	9.7	7,305	8,148	8,492	31	Gordon.....	208	238	247	4.0	6,888	7,797	8,066	53
Martin.....	662	798	865	8.4	10,205	11,587	11,845	6	Grady.....	114	136	142	4.9	5,729	6,772	7,100	98
Monroe.....	514	601	651	8.2	8,113	9,116	9,694	18	Greene.....	67	73	77	4.4	5,917	6,316	6,611	126
Nassau.....	204	239	258	8.0	6,198	6,988	7,225	46	Gwinnett.....	1,373	1,614	1,809	12.1	8,088	8,999	9,413	12
Okaloosa.....	831	986	1,081	9.6	7,565	8,584	9,095	26	Habersham.....	160	176	185	5.1	6,407	6,945	7,111	97
Okeechobee.....	128	150	162	8.3	6,261	6,790	6,941	51	Hall.....	629	711	759	6.7	8,276	9,219	9,720	9
Orange.....	4,573	5,281	5,850	10.8	9,650	10,800	11,641	9	Hancock.....	47	53	56	4.8	4,943	5,638	5,944	149
Osceola.....	336	411	464	12.9	6,722	7,364	7,767	41	Haralson.....	133	150	159	6.1	7,216	7,936	8,391	38
Palm Beach.....	7,030	8,421	9,159	8.8	12,106	13,535	14,150	1	Harris.....	90	101	106	5.1	5,806	6,627	6,871	116
Pasco.....	1,328	1,621	1,784	10.1	6,741	7,798	8,217	34	Hart.....	116	131	138	5.0	6,213	6,991	7,280	94
Pinellas.....	7,248	8,535	9,247	8.3	9,910	11,393	12,169	5	Heard.....	45	51	54	6.1	6,910	7,807	8,176	43
Polk.....	2,679	3,031	3,152	4.0	8,279	9,050	9,226	22	Henry.....	275	322	350	8.7	7,466	8,631	9,166	19
Putnam.....	305	367	419	14.2	6,000	7,068	7,789	39	Houston.....	593	685	747	9.0	7,614	8,518	9,237	17
St. Johns.....	411	490	542	10.6	7,926	8,941	9,445	20	Irwin.....	44	61	67	9.2	4,928	6,349	7,428	82
St. Lucie.....	716	854	934	9.3	8,108	8,920	9,164	23	Jackson.....	167	186	194	4.3	6,561	7,210	7,888	88
Santa Rosa.....	395	461	496	7.7	7,026	7,663	8,237	33	Jasper.....	52	58	66	13.1	7,003	7,788	8,866	26
Sarasota.....	2,388	2,864	3,100	8.3	11,701	13,465	14,098	2	Jeff Davis.....	79	92	93	1.1	6,910	7,955	7,948	56
Seminole.....	1,356	1,622	1,824	12.5	7,451	8,458	9,122	24	Jefferson.....	106	126	140	11.0	5,738	6,870	7,550	77
Sumter.....	149	171	187	9.3	6,090	6,738	7,184	47	Jenkins.....	47	62	68	10.8	5,273	6,988	7,804	66
Suwannee.....	129	156	168	7.6	5,812	6,725	7,022	50	Johnson.....	47	54	56	3.9	5,453	6,227	6,484	130
Taylor.....	110	129	140	8.2	6,665	7,536	8,006	35	Jones.....	89	102	110	7.4	5,368	5,984	6,308	135
Union.....	43	51	57	11.1	4,293	4,820	5,119	66	Lamar.....	73	79	83	5.0	5,982	6,501	6,914	111
Volusia.....	2,145	2,530	2,743	8.4	8,219	9,292	9,734	17	Lanier.....	29	34	36	6.8	5,057	5,964	6,295	137
Wakulla.....	56	64	68	6.0	5,066	5,766	5,878	63	Laurens.....	247	285	305	7.3	6,681	7,596	8,092	50
Walton.....	113	134	144	7.3	5,267	6,085	6,275	56	Lee.....	52	69	74	7.7	4,422	5,592	5,873	150
Washington.....	80	95	103	9.2	5,538	6,355	6,803	52	Liberty.....	268	277	332	19.7	7,046	8,686	8,094	49
Georgia.....	44,187	50,153	54,011	7.7	8,060	9,009	9,573	.....	Lincoln.....	39	43	45	5.6	5,629	6,343	6,725	123
Metropolitan portion.....	30,792	34,721	37,644	8.4	9,010	9,972	10,634	.....	Long.....	26	31	32	5.3	5,732	6,298	6,484	131
Nonmetropolitan portion.....	13,395	15,432	16,367	6.1	6,488	7,401	7,787	.....	Lowndes.....	454	517	551	6.7	6,675	7,552	7,999	54
Appling.....	93	119	129	8.5	5,966	6,767	8,157	44	Lumpkin.....	59	69	71	3.4	5,427	6,207	6,301	136
Atkinson.....	31	39	43	9.0	5,036	6,355	6,922	110	McDuffie.....	124	140	145	3.6	6,649	7,460	7,663	70
Bacon.....	54	62	66	5.7	5,776	6,581	6,936	109	McIntosh.....	41	45	48	4.9	5,087	5,581	5,829	151
Baker.....	16	24	26	6.9	4,211	6,380	6,596	127	Macon.....	84	84	90	6.8	5,983	6,966	6,292	138
Baldwin.....	234	273	288	5.8	6,721	7,719	7,855	62	Madison.....	107	121	126	4.3	5,970	6,689	6,875	115
Banks.....	46	51	53	4.6	5,225	5,675	5,789	152	Marion.....	28	36	39	8.5	5,341	6,893	7,453	80
Barrow.....	155	175	187	6.9	7,264	7,993	8										

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982				
						1982							1982				
Taliaferro.....	13	14	14	2.7	6,509	6,855	7,046	101	Bureau.....	329	412	411	-2	8,391	10,635	10,713	40
Tattnall.....	97	117	126	7.9	5,361	6,498	7,147	96	Calhoun.....	43	48	49	1.0	7,273	8,260	8,548	88
Taylor.....	49	56	60	6.8	6,214	7,086	7,541	78	Carroll.....	142	173	174	-6	7,604	9,207	9,408	70
Telfair.....	75	88	94	6.4	6,586	7,654	8,232	42	Cass.....	131	157	157	-4	8,677	10,505	10,677	41
Terrell.....	62	78	84	7.0	5,162	6,525	6,968	106	Champaign.....	1,382	1,558	1,640	5.2	8,216	9,239	9,534	66
Thomas.....	264	306	325	6.1	6,922	7,962	8,885	39	Christian.....	329	388	400	3.0	9,056	10,736	11,510	15
Tift.....	218	252	265	5.3	6,613	7,507	7,875	60	Clark.....	134	168	171	1.9	7,897	9,999	10,116	54
Toombs.....	134	154	168	8.8	5,907	6,778	7,299	93	Clay.....	105	129	139	7.4	6,858	8,460	8,945	81
Towns.....	29	34	37	7.0	5,170	5,773	6,013	146	Clinton.....	267	305	312	2.6	8,145	9,318	9,451	69
Treutlen.....	31	34	35	3.1	5,043	5,510	5,647	153	Coles.....	396	455	478	5.1	7,443	8,735	9,143	77
Troup.....	375	423	458	8.4	7,478	8,434	9,022	22	Cook.....	59,207	64,583	67,783	5.0	11,280	12,297	12,897	5
Turner.....	56	72	76	5.6	5,891	7,565	7,922	58	Crawford.....	189	231	232	-7	9,050	11,077	11,075	26
Twiggs.....	42	47	50	5.2	4,487	5,003	5,268	157	Cumberland.....	67	84	87	3.8	6,036	7,694	7,963	95
Union.....	41	48	51	5.3	4,305	4,977	5,138	158	De Kalb.....	624	716	728	1.7	8,319	9,592	9,762	63
Upson.....	171	192	199	3.6	6,577	7,236	7,397	86	De Witt.....	148	181	180	-6	8,175	10,091	10,058	56
Walker.....	400	437	455	4.1	7,073	7,705	7,988	55	Douglas.....	176	206	209	1.0	8,870	10,544	10,671	42
Walton.....	215	244	262	7.6	6,883	7,854	8,431	35	Du Page.....	8,472	9,408	9,965	5.9	12,752	14,070	14,606	1
Ware.....	270	304	321	5.5	7,271	8,128	8,564	33	Edgar.....	180	216	215	-6	8,260	9,936	9,963	59
Warren.....	38	43	45	4.2	5,792	6,412	6,664	125	Edwards.....	73	89	91	2.1	9,079	11,213	11,273	19
Washington.....	126	141	150	6.0	6,677	7,413	7,837	64	Effingham.....	248	283	289	2.2	7,966	9,106	9,333	72
Wayne.....	140	168	176	4.7	6,710	7,896	8,152	45	Fayette.....	141	166	173	4.2	6,325	7,510	7,802	97
Webster.....	12	15	15	3.3	4,912	6,233	6,455	132	Ford.....	146	171	169	-1.5	9,544	11,266	11,130	24
Wheeler.....	24	30	32	7.5	4,703	5,841	6,251	139	Franklin.....	365	403	436	8.2	8,428	9,349	10,109	55
White.....	56	63	66	4.0	5,525	6,070	6,165	143	Fulton.....	369	429	427	-4	8,453	9,958	10,031	58
Whitfield.....	532	586	611	4.3	8,073	8,831	9,277	15	Gallatin.....	55	64	64	-4	7,284	8,363	8,398	90
Wilcox.....	38	49	52	6.6	4,997	6,485	6,870	117	Greene.....	101	126	128	2.0	6,048	7,616	7,828	96
Wilkes.....	75	86	87	1.6	6,845	7,821	7,825	65	Grundy.....	303	346	363	4.9	9,889	11,354	11,926	11
Wilkinson.....	70	81	85	5.0	6,728	7,807	8,107	48	Hamilton.....	64	78	79	-5	6,940	8,601	8,568	87
Worth.....	95	122	126	3.8	5,230	6,639	6,851	118	Hancock.....	186	226	225	-6	7,748	9,414	9,489	67
Hawaii.....	9,900	10,836	11,589	6.9	10,222	11,044	11,614	.....	Hardin.....	28	34	37	6.3	5,177	6,338	6,830	98
Metropolitan portion.....	8,083	8,881	9,484	6.8	10,569	11,516	12,130	.....	Hamilton.....	64	78	79	-5	6,940	8,601	8,568	87
Nonmetropolitan portion.....	1,817	1,955	2,105	7.6	8,920	9,310	9,747	.....	Henry.....	527	607	605	-3	9,074	10,520	11,001	28
Hawaii.....	817	858	902	5.1	8,803	8,954	9,148	4	Iroquois.....	281	359	357	-7	8,529	10,940	10,869	36
Honolulu.....	8,083	8,881	9,484	6.8	10,569	11,516	12,130	1	Jackson.....	453	495	522	5.6	7,346	8,018	8,392	91
Kauai.....	346	376	408	8.4	8,788	9,326	9,869	3	Jasper.....	82	106	106	-4	7,227	9,414	9,286	74
Maui and Kalawao.....	655	721	795	10.3	9,144	9,763	10,458	2	Jefferson.....	291	332	356	7.1	7,980	8,987	9,462	68
Idaho.....	7,619	8,502	8,713	2.5	8,044	8,834	8,937	.....	Jersey.....	155	175	176	-3	7,499	8,527	8,608	85
Metropolitan portion.....	1,672	1,886	1,990	5.5	9,590	10,601	10,977	.....	Jo Daviess.....	165	200	202	-9	6,988	8,522	8,604	86
Nonmetropolitan portion.....	5,948	6,617	6,724	1.6	7,695	8,434	8,472	.....	Johnson.....	50	57	60	4.4	5,201	5,843	6,048	101
Ada.....	1,672	1,886	1,990	5.5	9,590	10,601	10,977	3	Kane.....	3,009	3,393	3,634	7.1	10,781	12,139	12,926	4
Adams.....	26	28	29	3.8	7,649	8,649	9,035	12	Kankakee.....	943	1,068	1,098	2.8	9,154	10,405	10,772	38
Bannock.....	538	585	607	3.8	8,205	8,769	8,979	13	Kendall.....	369	417	404	-2.9	9,819	11,226	10,951	32
Bear Lake.....	53	58	60	2.7	7,614	8,194	8,187	26	Knox.....	535	602	609	1.3	8,683	9,905	10,196	51
Benewah.....	64	76	72	4.8	7,612	9,018	8,581	16	Lake.....	5,350	5,944	6,276	5.6	12,108	13,289	13,897	3
Bingham.....	234	255	268	5.0	6,408	6,877	7,149	39	La Salle.....	1,046	1,195	1,223	2.3	9,877	10,760	11,135	23
Blaine.....	95	116	124	6.6	9,503	11,085	10,647	5	Lawrence.....	151	186	200	7.4	8,468	10,519	10,979	29
Boise.....	21	22	23	3.4	6,964	7,372	7,745	34	Lee.....	321	394	400	1.5	8,859	10,907	11,297	18
Bonner.....	166	190	193	1.5	6,808	7,676	7,712	35	Livingston.....	377	453	451	-3	9,126	11,043	11,056	27
Bonneville.....	558	618	640	3.7	8,449	9,184	9,514	8	Logan.....	278	329	339	3.0	8,754	10,403	10,908	33
Boundary.....	48	54	57	5.6	6,589	7,385	7,781	32	McDonough.....	257	310	312	-5	6,939	8,236	8,233	94
Butte.....	25	26	29	10.3	7,344	7,632	8,377	21	McHenry.....	1,542	1,730	1,822	5.3	10,329	11,609	12,119	9
Camas.....	8	9	9	2.2	9,875	10,834	11,252	2	McLean.....	1,091	1,258	1,323	5.2	9,124	10,521	10,969	30
Canyon.....	617	696	706	1.4	7,362	8,220	8,226	25	Marion.....	362	406	433	6.7	8,276	9,262	9,830	62
Caribou.....	70	75	75	0.0	8,993	8,600	8,514	17	Marshall.....	119	152	149	-1.9	8,152	10,592	10,509	46
Cassia.....	172	189	170	-10.1	8,835	9,537	8,451	18	Mason.....	158	185	186	-5.8	8,126	9,747	9,907	60
Clark.....	9	9	9	2.1	11,271	11,610	11,577	1	Massac.....	104	116	123	6.3	6,902	7,806	8,262	93
Clearwater.....	77	79	77	-2.0	7,366	7,558	7,418	38	Menard.....	107	132	132	-1	9,118	11,241	11,336	17
Custer.....	24	41	48	17.2	7,070	10,821	9,492	9	Mercer.....	139	185	180	-2.6	7,199	9,649	9,295	73
Elmore.....	153	172	177	2.5	7,129	7,774	8,022	29	Monroe.....	204	235	244	3.8	10,127	11,628	12,087	10
Franklin.....	59	64	66	2.1	6,602	6,994	6,968	40	Montgomery.....	298	336	342	1.5	9,417	10,481	10,559	43
Fremont.....	65	73	73	-6.6	6,033	6,725	6,702	41	Morgan.....	359	416	427	2.8	9,579	11,140	11,580	14
Gem.....	81	90	95	5.6	6,700	7,605	8,163	28	Moultrie.....	121	141	141	-1	8,259	9,7		

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1980-82	1980	1981	1982	1980	1981	1982	1980	1981	1982				
							1982						1982				
Winnebago.....	2,535	2,804	2,844	1.4	10,072	11,169	11,361	16	White.....	223	243	249	2.8	9,339	10,218	10,399	14
Woodford.....	315	371	365	-1.4	9,391	11,121	10,907	34	Whitley.....	222	241	241	0	8,458	9,281	9,248	47
Indiana.....	48,853	53,491	54,840	2.5	8,900	9,760	9,994		Iowa.....	27,189	31,303	31,330	.1	9,335	10,733	10,754	
Metropolitan portion.....	34,719	37,975	38,928	2.5	9,340	10,219	10,453		Metropolitan portion.....	12,404	13,754	14,033	2.0	10,133	11,184	11,400	
Nonmetropolitan portion.....	14,134	15,516	15,912	2.6	7,978	8,793	9,024		Nonmetropolitan portion.....	14,785	17,549	17,297	-1.4	8,756	10,404	10,281	
Adams.....	249	277	287	3.3	8,405	9,344	9,725	26	Adair.....	73	92	91	-1.2	7,659	9,749	9,774	69
Allen.....	2,809	3,058	3,101	1.4	9,546	10,442	10,655	6	Adams.....	42	54	54	-8	7,432	9,602	9,658	74
Bartholomew.....	611	679	679	-1	9,359	10,509	10,491	13	Allamakee.....	104	126	131	4.6	6,908	8,338	8,773	94
Benton.....	106	110	109	-.7	10,450	11,006	10,799	4	Arapahoe.....	113	130	131	1.0	7,258	8,418	8,607	95
Blackford.....	118	129	132	2.5	7,609	8,377	8,573	67	Audubon.....	68	87	88	-5.3	8,086	10,285	9,825	67
Boone.....	349	380	392	3.1	9,528	10,306	10,323	17	Benton.....	200	236	228	-3.2	8,467	9,929	9,748	72
Brown.....	76	86	88	2.2	6,131	6,935	7,117	84	Black Hawk.....	1,409	1,560	1,549	-7	10,190	11,275	11,186	17
Carroll.....	166	181	184	2.0	8,438	9,187	9,334	44	Boone.....	249	289	286	-9	9,515	11,019	10,977	56
Cass.....	367	396	392	-1.1	8,948	9,745	9,729	25	Bremer.....	221	257	253	-1.3	8,872	10,327	10,155	56
Clark.....	731	816	855	4.9	8,230	9,191	9,584	29	Buchanan.....	182	220	212	-3.8	7,953	9,565	9,173	84
Clay.....	207	222	230	3.4	8,339	8,956	9,481	36	Buena Vista.....	199	237	220	-7.3	9,581	11,390	10,508	42
Clinton.....	233	312	321	3.2	8,988	9,947	10,082	18	Butler.....	144	175	166	-5.1	8,127	9,865	9,450	78
Crawford.....	55	61	63	3.4	5,625	6,260	6,448	92	Calhoun.....	135	165	152	-7.9	9,986	12,242	11,386	11
Davies.....	197	227	236	3.9	7,050	8,188	8,214	72	Carroll.....	211	255	257	-5	9,221	11,097	11,251	14
Dearborn.....	258	282	296	5.2	7,489	8,046	8,450	69	Cass.....	155	188	186	-1.0	9,186	11,117	10,946	27
Decatur.....	198	221	221	-.1	8,340	9,310	9,189	50	Cedar.....	155	195	193	-1.3	8,327	10,493	10,387	47
De Kalb.....	274	301	307	2.2	8,141	8,985	9,299	45	Cerro Gordo.....	465	535	539	.9	9,600	11,086	11,151	20
Delaware.....	1,036	1,119	1,124	.4	8,076	8,775	8,940	55	Cherokee.....	144	174	170	-2.5	8,922	10,798	10,618	36
Dubois.....	289	331	344	3.7	8,413	9,625	10,036	20	Chickasaw.....	123	148	143	-3.4	7,975	9,634	9,377	79
Elkhart.....	1,230	1,357	1,441	6.2	8,951	9,934	10,506	11	Clarke.....	66	78	78	1.1	7,602	9,008	8,927	92
Fayette.....	225	245	253	3.4	7,961	8,676	9,084	52	Buena Vista.....	199	237	220	-7.3	9,581	11,390	10,508	42
Floyd.....	513	570	593	4.1	8,353	9,277	9,506	34	Clayton.....	187	216	207	-4.3	9,555	11,038	10,698	30
Fountain.....	149	164	167	1.7	7,900	8,681	8,745	61	Emmet.....	123	147	135	-8.1	9,297	10,992	10,170	54
Franklin.....	122	134	141	4.6	6,168	6,825	6,874	88	Fayette.....	194	239	233	-2.6	7,622	9,415	9,244	81
Fulton.....	151	165	165	.2	7,796	8,735	8,525	68	Floyd.....	162	192	187	-2.8	8,277	9,976	9,688	73
Gibson.....	294	331	347	4.9	8,848	9,899	10,074	19	Franklin.....	108	140	131	-6.9	8,290	10,795	10,203	52
Grant.....	672	733	747	1.9	8,328	9,153	9,522	33	Fremont.....	80	98	92	-5.9	8,571	10,644	9,919	62
Greene.....	209	234	244	4.2	6,876	7,667	7,926	76	Greene.....	132	159	148	-6.4	10,985	13,165	12,422	2
Hamilton.....	859	948	993	4.8	10,348	11,376	11,750	1	Grundy.....	139	171	163	-5.0	9,683	12,104	11,506	7
Hancock.....	418	453	467	2.9	9,481	10,315	10,641	8	Guthrie.....	95	117	114	-2.3	7,938	9,848	9,760	71
Harrison.....	192	215	224	4.1	7,004	7,778	7,815	77	Hamilton.....	175	214	203	-5.4	9,826	12,013	11,418	9
Hendricks.....	657	718	740	3.0	9,854	10,232	10,333	16	Dubuque.....	889	968	957	-1.1	9,488	10,813	10,323	48
Henry.....	443	460	461	-.1	8,836	8,721	8,917	53	Emmet.....	123	147	135	-3.6	9,297	10,992	10,170	54
Howard.....	882	930	908	-2.4	10,165	10,762	10,646	7	Fayette.....	194	239	233	-2.6	7,622	9,415	9,244	81
Huntington.....	311	337	343	1.7	8,752	9,570	10,029	21	Floyd.....	162	192	187	-2.8	8,277	9,976	9,688	73
Jackson.....	297	331	337	1.8	8,120	9,038	9,016	54	Franklin.....	108	140	131	-6.9	8,290	10,795	10,203	52
Jasper.....	210	235	256	9.0	8,000	8,732	9,522	32	Fremont.....	80	98	92	-5.9	8,571	10,644	9,919	62
Jay.....	181	198	201	1.4	7,888	8,579	8,934	57	Greene.....	132	159	148	-6.4	10,985	13,165	12,422	2
Jefferson.....	223	257	283	10.2	7,820	8,469	9,718	27	Grundy.....	139	171	163	-5.0	9,683	12,104	11,506	7
Jennings.....	136	154	158	2.7	5,942	6,752	6,941	87	Guthrie.....	95	117	114	-2.3	7,938	9,848	9,760	71
Johnson.....	681	756	778	2.9	8,771	9,643	9,766	24	Hancock.....	122	153	144	-6.3	8,812	11,121	10,462	44
Knox.....	342	378	399	5.5	8,153	8,998	9,381	39	Hardin.....	209	248	242	-2.8	9,579	11,452	11,152	19
Kosciusko.....	489	550	577	4.9	8,188	9,246	9,644	28	Harrison.....	136	161	155	-3.5	8,342	9,927	9,585	75
Lagrange.....	157	176	182	3.2	6,144	6,827	6,969	86	Henry.....	157	188	183	-4	8,290	9,764	9,764	70
Lake.....	5,077	5,529	5,482	-.9	9,746	10,647	10,657	5	Howard.....	82	104	101	-2.8	7,421	9,384	9,224	82
La Porte.....	982	1,060	1,078	1.7	9,053	9,752	9,935	22	Humboldt.....	122	148	138	-6.9	9,939	12,108	11,391	10
Lawrence.....	336	366	371	1.3	7,906	8,649	8,938	56	Ida.....	81	100	95	-4.9	9,074	11,358	10,823	29
Madison.....	1,204	1,300	1,294	-.5	8,654	9,469	9,559	81	Iowa.....	133	161	161	0	8,673	10,449	10,507	43
Marion.....	7,977	8,720	9,042	3.7	10,453	11,382	11,718	2	Jackson.....	166	199	201	1.2	7,389	8,850	8,975	89
Marshall.....	323	354	368	4.1	8,232	8,849	9,254	46	Jasper.....	332	388	388	.7	9,115	10,535	10,631	35
Martin.....	74	84	86	2.9	6,770	7,660	7,926	75	Jefferson.....	134	152	148	-2.5	8,202	9,410	9,029	87
Miami.....	295	322	327	1.5	7,438	8,306	8,657	65	Johnson.....	718	819	867	5.9	8,754	9,906	10,323	49
Monroe.....	661	744	790	6.1	6,710	7,492	7,804	78	Jones.....	150	184	183	-6	7,348	8,945	9,004	88
Montgomery.....	302	325	333	2.6	8,531	9,198	9,416	37	Keokuk.....	108	133	134	1.1	8,371	10,390	10,593	37
Morgan.....	441	481	492	2.3	8,463	9,239	9,346	42	Kossuth.....	193	244	227	-6.8	8,827	11,246	10,509	41
Newton.....	111	117	123	4.8	7,454	8,199	8,127	74	Lee.....	383	430	428	-4	8,904	10,026	9,970	61
Noble.....	278	303	307</td														

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1980-82	1980	1981	1982	1980	1981	1982	1980	1981	1982				
							1982						1982				
Wapello.....	366	392	403	2.8	9,114	9,760	10,155	57	Riley.....	457	522	556	6.6	7,184	8,210	8,780	102
Warren.....	308	344	353	2.5	8,795	9,760	10,017	59	Rooks.....	65	71	82	15.3	9,348	10,089	11,443	54
Washington.....	181	223	224	.4	8,981	11,044	11,135	21	Rush.....	49	53	62	17.4	10,768	11,896	13,942	15
Wayne.....	62	77	77	.5	7,505	9,508	9,557	76	Russell.....	102	118	135	14.6	11,515	13,460	15,210	9
Webster.....	454	511	496	-2.8	9,892	11,173	10,970	25	Saline.....	494	546	573	4.8	10,110	11,077	11,571	51
Winnebago.....	114	141	139	-1.3	8,803	11,108	10,966	26	Scott.....	70	87	91	5.2	12,204	16,040	16,376	4
Winneshiek.....	152	187	197	5.5	6,390	8,502	8,935	91	Sedgwick.....	4,083	4,603	4,788	4.0	11,105	12,251	12,538	28
Woodbury.....	966	1,092	1,099	-.6	9,625	10,808	10,872	28	Seward.....	199	245	255	4.0	11,664	13,928	13,914	16
Worth.....	74	94	89	-5.2	8,182	10,334	9,908	64	Shawnee.....	1,586	1,766	1,874	6.1	10,220	11,143	11,867	40
Wright.....	165	200	195	-2.8	10,158	12,417	12,174	3	Sheridan.....	31	43	41	-4.3	8,772	12,452	11,880	38
Kansas.....	23,539	26,806	28,289	5.5	9,943	11,222	11,717	.....	Sherman.....	71	84	89	5.6	9,240	11,208	11,920	36
Metropolitan portion.....	12,677	14,183	14,937	5.3	10,961	12,068	12,542	.....	Smith.....	43	56	63	12.4	7,290	9,840	11,067	58
Nonmetropolitan portion.....	10,862	12,623	13,352	5.8	8,970	10,402	10,914	.....	Stafford.....	53	64	71	9,584	11,286	12,415	30	
Allen.....	132	149	157	4.9	8,466	9,505	9,875	84	Stanton.....	21	37	31	-16.3	9,218	15,817	13,190	21
Anderson.....	74	86	90	5.0	8,485	10,196	10,574	68	Stevens.....	43	68	64	-5.2	9,009	14,492	13,788	17
Atchison.....	141	160	163	2.1	7,628	8,644	8,808	101	Summer.....	227	245	280	14.5	9,089	9,698	11,044	60
Barber.....	69	82	91	11.5	10,615	12,341	13,335	19	Thomas.....	79	101	101	-2	9,323	12,018	11,746	47
Barton.....	332	403	424	5.3	10,600	12,567	12,837	25	Trego.....	37	43	50	17.3	8,914	10,181	11,854	41
Bourbon.....	142	158	163	3.8	8,853	9,841	10,272	74	Wabaunsee.....	56	66	68	4.3	8,148	9,851	10,303	73
Brown.....	89	112	108	-3.6	7,426	9,636	9,395	93	Wallace.....	20	26	26	-1.4	9,945	13,206	12,981	24
Butler.....	445	534	548	2.6	9,843	11,635	11,589	50	Washington.....	61	78	79	2.0	7,188	9,591	9,844	85
Chase.....	27	31	31	0	8,258	9,731	9,918	83	Wichita.....	54	66	58	-12.2	17,949	22,789	20,183	2
Chautauqua.....	37	42	44	3.7	7,468	8,417	8,761	103	Wilson.....	89	101	107	5.8	7,308	8,571	8,938	99
Cherokee.....	156	173	184	6.1	6,969	7,755	8,261	105	Woodson.....	40	45	49	8.2	8,778	9,962	10,750	65
Cheyenne.....	31	36	43	19.9	8,428	10,061	11,848	42	Wyandotte.....	1,626	1,774	1,873	5.6	9,446	10,250	10,778	64
Clark.....	35	42	43	3.4	13,499	16,267	16,070	5	Kentucky.....	27,987	31,376	32,794	4.5	7,642	8,550	8,893	.....
Clay.....	73	87	92	6.0	7,497	9,188	9,763	87	Metropolitan portion.....	15,081	16,789	17,542	4.5	8,998	10,019	10,465	.....
Cloud.....	119	126	136	7.3	9,507	10,446	11,318	56	Nonmetropolitan portion.....	12,905	14,587	15,253	4.6	6,498	7,315	7,583	.....
Coffey.....	80	91	101	10.8	8,391	9,845	10,492	70	Adair.....	77	91	96	5.7	5,053	5,859	6,181	91
Comanche.....	28	32	35	11.9	10,976	12,622	13,975	14	Allen.....	89	101	106	4.0	6,252	7,154	7,574	59
Cowley.....	329	374	387	3.3	8,873	9,921	10,174	75	Anderson.....	97	110	117	6.4	7,619	8,646	9,095	21
Crawford.....	311	345	363	5.2	8,183	8,973	9,487	91	Ballard.....	60	72	72	-2	6,790	8,245	8,324	38
Decatur.....	47	57	59	4.0	10,490	12,580	13,063	23	Barren.....	232	266	276	3.7	6,808	7,828	7,883	54
Dickinson.....	173	189	204	7.8	8,607	9,394	10,124	76	Bath.....	57	65	68	4.2	5,669	6,485	6,822	77
Domiphan.....	64	84	82	-2.4	6,894	9,110	9,011	96	Bell.....	223	247	256	3.3	6,508	7,183	7,397	63
Douglas.....	518	588	617	4.8	7,628	8,507	8,870	100	Breathitt.....	89	98	102	4.5	5,254	5,669	5,852	99
Edwards.....	36	47	50	5.2	8,367	11,414	12,024	35	Breckinridge.....	96	113	113	-5	5,713	6,724	6,760	81
Elk.....	31	34	36	5.3	7,867	8,885	9,494	90	Bullitt.....	277	303	313	3.1	6,346	6,956	7,046	73
Ellis.....	221	259	281	8.6	8,453	9,601	10,104	77	Butler.....	58	69	73	6.0	5,276	6,231	6,669	84
Ellsworth.....	64	69	77	11.8	9,642	10,586	11,842	43	Caldwell.....	101	116	118	2.0	7,506	8,613	8,842	25
Finney.....	288	363	391	7.9	12,028	14,455	14,784	10	Calloway.....	203	227	233	2.8	6,142	7,626	7,916	51
Ford.....	279	325	335	3.3	11,470	13,017	13,274	20	Campbell.....	751	815	856	5.1	9,047	9,845	10,364	9
Franklin.....	191	215	221	3.1	8,765	9,737	10,048	80	Carlisle.....	36	43	43	3	6,513	7,885	8,000	49
Geary.....	265	301	323	7.6	8,938	9,606	10,575	67	Carroll.....	68	79	88	11.9	7,299	8,406	9,409	16
Gove.....	34	45	44	-1.6	9,157	12,661	12,488	29	Carter.....	120	138	144	4.3	4,766	5,426	5,613	103
Graham.....	38	40	48	20.3	9,569	10,097	11,820	45	Casey.....	64	75	78	4.3	4,295	5,038	5,222	114
Grant.....	62	83	80	-3.5	8,938	12,286	11,823	44	Christian.....	457	509	551	8.3	6,559	7,884	8,644	30
Gray.....	46	76	64	-15.8	9,020	14,560	12,374	31	Clark.....	229	257	265	2.8	8,090	9,044	9,316	18
Greeley.....	33	36	36	-6.6	18,095	19,909	20,466	1	Clay.....	117	135	146	7.8	5,134	5,844	6,166	92
Greenwood.....	81	96	98	1.7	9,247	11,149	11,062	59	Clinton.....	37	44	47	7.1	3,956	4,650	4,927	116
Hamilton.....	27	33	35	6.1	10,688	13,605	14,256	12	Crittenden.....	67	74	76	1.6	7,314	8,186	8,370	35
Harper.....	79	100	100	28.3	10,083	10,155	12,856	26	Cumberland.....	36	43	45	5.4	4,960	5,837	6,163	94
Harvey.....	277	308	322	4.8	9,026	9,943	10,320	72	Daviess.....	752	860	889	3.4	8,735	9,975	10,253	12
Haskell.....	39	65	55	-15.1	10,329	17,391	14,563	11	Edmonson.....	45	51	55	6.5	4,505	5,220	5,330	109
Hodgeman.....	29	39	37	-5.3	12,864	17,425	16,430	3	Elliott.....	31	35	35	-4	4,499	5,049	5,023	115
Jackson.....	90	102	105	2.6	7,678	8,885	9,094	95	Estill.....	86	97	100	2.5	5,972	6,700	6,813	78
Jefferson.....	115	138	141	2.8	7,532	8,877	8,961	98	Fayette.....	1,951	2,213	2,353	6.3	9,542	10,767	11,390	3
Jewell.....	40	48	54	12.7	7,677	9,584	10,907	63	Fleming.....	67	76	80	6.0	5,387	6,139	6,445	87
Johnson.....	3,785	4,196	4,477	6.7	13,918	15,191	15,863	7	Floyd.....	301	327	350	6.9	6,162	6,619	6,963	74
Kearny.....	30	43	44	3.2	8,595	12,041	11,726	48	Franklin.....	399	439	461	5.0	9,580	10,425	10,980	5
Kingman.....	83	84	101	20.7	9,236	9,458	11,413	55	Fulton.....	62	76	75	-9	6,669	8,637	8,898	24
Kiowa.....	40	47	53	11.6	9,809	11,775	12,848	27	Gallatin.....	29	32	33					

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Millions of dollars			Percent change <sup>1</sup>	Dollars		Rank in State			
	1980	1981	1982		1980	1981		1980	1981	1982		1980	1981				
Leslie.....	70	84	86	1.9	4,707	5,549	5,538	104	Orleans.....	5,522	6,303	6,683	6.0	9,910	11,236	11,837	4
Letcher.....	185	196	206	4.9	6,030	6,344	6,587	85	Ouachita.....	1,034	1,184	1,254	5.9	7,401	8,411	8,895	23
Lewis.....	67	77	79	1.8	4,607	5,267	5,343	108	Plaquemines.....	239	282	302	6.8	9,157	10,805	11,349	9
Lincoln.....	102	116	118	1.2	5,380	6,103	6,110	95	Pointe Coupee.....	165	199	217	8.7	6,862	8,156	8,706	26
Livingston.....	68	76	76	-2.4	7,451	8,180	8,197	45	Rapides.....	933	1,062	1,128	6.2	6,874	7,785	8,242	31
Logan.....	165	202	218	7.9	6,836	8,290	8,554	33	Red River.....	64	77	79	2.7	6,101	6,980	7,097	45
Lyon.....	42	48	48	.5	6,500	7,367	7,374	64	Richland.....	137	157	169	7.8	6,187	6,965	7,435	44
McCracken.....	548	609	633	4.0	8,954	9,990	10,452	8	Sabine.....	113	136	138	1.4	4,448	5,271	5,210	64
McCreary.....	64	71	73	4.2	4,058	4,449	4,522	119	St. Bernard.....	618	715	758	6.0	9,607	10,900	11,413	8
McLean.....	68	83	87	4.3	6,765	8,329	8,799	26	St. Charles.....	335	405	445	9.9	8,943	10,532	11,193	10
Madison.....	335	373	391	4.9	6,248	6,948	7,281	67	St. Helena.....	53	59	64	7.6	5,335	5,964	6,327	56
Magoffin.....	66	77	80	3.4	4,868	5,551	5,642	101	St. James.....	187	218	233	6.8	8,691	9,958	10,652	12
Marion.....	92	106	111	4.6	5,164	5,880	6,163	93	St. John the Baptist.....	254	307	336	9.4	7,878	9,090	9,345	20
Marshall.....	186	208	215	2.9	7,282	8,090	8,305	39	St. Landry.....	545	649	687	6.0	6,459	7,582	7,852	36
Martin.....	99	108	114	5.7	7,043	7,626	7,920	50	St. Martin.....	255	316	344	8.9	6,284	7,633	7,936	35
Mason.....	131	149	154	3.5	7,401	8,468	8,747	27	St. Mary.....	621	735	769	4.6	9,622	11,228	11,548	7
Meade.....	113	126	130	3.1	4,933	5,415	5,814	100	St. Tammany.....	932	1,096	1,181	7.7	8,285	9,391	9,609	18
Menifee.....	20	24	24	1.4	3,872	4,547	4,575	118	Tangipahoa.....	520	601	646	7.5	6,420	7,298	7,597	42
Mercer.....	136	154	160	4.0	7,143	8,087	8,371	34	Tensas.....	44	53	58	9.3	5,222	6,296	6,984	49
Metcalfe.....	42	49	51	3.7	4,441	5,112	5,237	113	Terrebonne.....	895	1,059	1,108	4.6	9,437	10,923	11,037	11
Monroe.....	64	73	74	.7	5,212	5,928	6,032	96	Union.....	131	157	166	5.7	6,132	7,381	7,714	38
Montgomery.....	131	150	156	3.8	6,488	7,425	7,666	57	Vermilion.....	391	478	506	5.9	8,032	9,630	9,887	15
Morgan.....	55	62	65	5.2	4,550	5,135	5,422	106	Vernon.....	311	357	410	14.8	5,785	6,250	7,003	48
Muhlenberg.....	266	283	311	10.1	8,247	8,761	9,631	15	Washington.....	301	339	348	2.8	6,795	7,561	7,700	39
Nelson.....	191	216	224	3.8	6,895	7,705	7,897	52	Webster.....	313	366	389	6.2	7,156	8,346	8,722	25
Nicholas.....	45	50	52	5.0	6,336	6,909	7,234	69	West Baton Rouge.....	153	176	191	8.6	7,967	9,035	9,632	17
Ohio.....	155	168	176	4.8	7,157	7,774	8,214	42	West Carroll.....	61	71	75	6.4	4,744	5,407	5,783	62
Oldham.....	201	228	236	3.7	7,018	8,081	8,244	41	West Feliciana.....	62	71	75	6.6	4,988	5,567	5,801	61
Owen.....	50	59	62	5.5	5,650	6,450	6,743	82	Winn.....	99	113	118	4.4	5,701	6,454	6,673	52
Owsley.....	22	26	26	.2	3,779	4,480	4,464	120	Maine.....	8,642	9,606	10,261	6.8	7,672	8,490	9,031	.....
Pendleton.....	72	79	82	2.7	6,552	7,302	7,450	61	Metropolitan portion.....	3,776	4,164	4,462	7.2	8,334	9,176	9,796	.....
Perry.....	219	256	261	2.1	6,477	7,545	7,547	60	Nonmetropolitan portion.....	4,866	5,443	5,800	6.6	7,226	8,030	8,519	.....
Pike.....	593	643	686	6.7	7,298	8,747	8,245	40	Androscoggin.....	766	830	870	4.9	7,675	8,322	8,731	8
Powell.....	56	64	68	5.9	4,984	5,621	5,948	98	Aroostook.....	581	668	666	-3	6,386	7,376	7,399	14
Pulaski.....	283	324	342	5.4	6,168	7,046	7,401	62	Cumberland.....	1,980	2,204	2,399	8.8	9,159	10,174	10,998	1
Robertson.....	11	13	14	7.4	5,019	5,820	6,387	88	Hancock.....	311	349	377	8.2	7,430	8,298	8,913	7
Rockcastle.....	62	70	74	5.5	4,451	4,978	5,245	112	Kennebec.....	877	971	1,041	7.2	7,964	8,798	9,398	4
Rowan.....	104	113	116	2.0	5,493	5,956	6,266	89	Knox.....	256	284	300	5.6	7,772	8,518	8,958	6
Russell.....	66	77	83	7.0	4,810	5,530	5,636	102	Lincoln.....	208	239	264	10.6	8,094	9,206	10,063	2
Scott.....	168	190	198	4.2	6,662	8,733	9,195	20	Oxford.....	346	379	399	5.3	7,029	7,694	8,156	10
Shelby.....	177	203	210	3.6	7,571	8,648	8,913	22	Penobscot.....	1,030	1,129	1,192	5.6	7,512	8,221	8,663	9
Simpson.....	115	136	140	2.8	7,881	9,329	9,721	14	Piscataquis.....	119	133	138	3.9	6,698	7,562	7,769	12
Spencer.....	40	47	49	3.7	6,724	8,117	8,355	36	Sagadahoc.....	217	240	279	15.9	7,494	8,287	9,495	3
Taylor.....	137	158	169	6.6	6,447	7,485	7,882	55	Somerset.....	288	331	365	10.3	6,393	7,274	8,034	11
Todd.....	69	84	82	-2.1	5,870	7,197	7,229	70	Waldo.....	173	189	193	2.1	6,069	6,646	6,768	16
Trigg.....	66	77	80	3.9	7,087	8,200	8,664	29	Washington.....	219	234	245	4.9	6,269	6,699	7,134	15
Trimble.....	34	41	46	11.9	5,363	6,617	7,329	66	York.....	1,088	1,222	1,313	7.4	7,757	8,550	9,041	5
Union.....	137	161	167	3.8	7,703	9,013	9,372	17	Maryland.....	43,878	49,079	52,243	6.4	10,384	11,533	12,237	.....
Warren.....	529	626	662	5.7	7,339	8,835	8,053	47	Metropolitan portion.....	41,613	46,515	49,514	6.4	10,596	11,760	12,475	.....
Washington.....	62	70	73	4.2	5,777	6,588	6,852	76	Nonmetropolitan portion.....	2,265	2,564	2,729	6.4	7,594	8,544	9,097	.....
Wayne.....	79	90	93	2.8	4,657	5,235	5,363	107	Allegany.....	615	672	697	3.6	7,627	8,379	8,780	20
Webster.....	132	149	152	2.2	8,930	10,014	10,364	10	Anne Arundel.....	3,779	4,276	4,544	6.3	10,153	11,365	11,910	6
Whitley.....	217	236	245	3.7	6,506	7,035	7,177	72	Baltimore.....	7,203	7,985	8,417	5.4	10,955	12,128	12,767	4
Wolfe.....	30	34	37	9.2	4,460	4,974	5,303	111	Calvert.....	303	350	382	9.1	8,623	9,480	10,502	9
Woodford.....	177	208	219	5.1	9,973	11,668	12,213	2	Caroline.....	169	192	202	5.4	7,302	8,231	8,652	21
Louisiana.....	35,990	42,004	44,652	6.3	8,525	9,778	10,211	.....	Carroll.....	902	1,030	1,083	5.2	9,277	10,270	10,739	7
Metropolitan portion.....	27,125	31,539	33,569	6.4	9,337	10,663	11,141	.....	Garrett.....	169	188	194	3.5	6,330	6,864	7,235	24
Nonmetropolitan portion.....	8,864	10,466	11,082	5.9	6,734	7,822	8,150	.....	Harford.....	1,323	1,483	1,572	5.9	9,027	10,120	10,564	8
Acadia.....	405	492	532	8.2	7,142	8,572	9,078	21	Howard.....	1,407	1,608	1,717	6.8	11,765	12,875	13,544	2
Allen.....	126	145	142	-2.0	5,889	6,833	6,589	55	Iberia.....	257	309	348	154	8,050	9,085	9,604	14
Ascension.....	389	441	467	5.8	7,699	8,522	8,823	24	Kent.....	135	159	159	3.5	6,360	7,371	7,999	22
Assumption.....	170	191	197	3.3	7,638	8,375	8,475										

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1981-82	1980	1981	1982	1980	1981	1982	1980	1981	1982				
Suffolk.....	6,033	6,667	7,171	7.6	9,284	10,244	11,072	6	Aitkin.....	78	87	90	3.5	5,766	6,462	6,767	82
Worcester.....	5,807	6,445	6,806	5.6	8,978	9,949	10,491	11	Anoka.....	2,045	2,238	2,388	6.7	10,379	11,120	11,694	8
Michigan.....	91,363	97,891	99,747	1.9	9,872	10,653	10,942	.....	Becker.....	180	206	210	2.1	6,142	6,901	7,029	81
Metropolitan portion.....	77,918	83,211	84,552	1.6	10,428	11,233	11,528	.....	Beltrami.....	176	198	208	5.1	5,661	6,208	6,348	86
Nonmetropolitan portion.....	13,445	14,680	15,195	3.5	7,541	8,243	8,532	.....	Benton.....	189	217	231	6.7	7,488	8,456	8,897	52
Alcona.....	61	68	72	6.7	6,239	6,890	7,390	69	Big Stone.....	57	65	66	1.3	7,398	8,433	8,460	59
Alger.....	57	60	62	3.0	6,161	6,554	6,809	78	Blue Earth.....	248	495	520	5.1	8,553	9,428	9,898	30
Allegan.....	603	669	699	4.6	7,388	8,179	8,447	48	Brown.....	248	278	291	4.8	8,683	9,669	10,117	25
Alpena.....	256	274	273	-2	7,925	8,488	8,557	45	Carlton.....	215	237	244	2.9	7,180	7,361	8,079	68
Antrim.....	121	135	140	3.9	7,449	8,310	8,512	47	Carver.....	319	365	384	5.1	8,603	9,675	10,009	27
Arenac.....	98	108	112	3.8	6,640	7,346	7,496	66	Cass.....	132	148	157	6.1	6,245	6,967	7,360	77
Baraga.....	59	62	60	-3.0	6,957	7,334	7,142	76	Chippewa.....	114	129	133	2.7	7,671	8,679	8,969	50
Barry.....	344	372	383	2.9	7,492	8,126	8,818	52	Chicago.....	184	209	221	5.5	7,117	7,974	8,226	65
Bay.....	1,072	1,169	1,181	1.0	8,978	9,823	10,001	19	Clay.....	400	438	455	4.0	8,107	8,860	9,253	43
Benzie.....	78	87	91	4.6	6,930	7,741	8,227	55	Clearwater.....	43	49	51	2.8	4,912	5,541	5,715	87
Berrien.....	1,452	1,588	1,618	1.8	8,501	9,416	9,786	22	Cook.....	31	32	34	5.8	7,483	7,765	8,282	64
Branch.....	327	354	357	-9	8,150	9,001	9,125	33	Cottonwood.....	135	151	153	1.7	9,086	10,209	10,488	22
Calhoun.....	1,350	1,456	1,489	2.2	9,567	10,409	10,667	10	Crow Wing.....	292	327	354	8.3	6,968	7,773	8,375	63
Cass.....	411	441	459	4.0	8,277	8,903	9,464	28	Dakota.....	2,096	2,339	2,504	7.1	10,734	11,670	12,225	4
Charlevoix.....	156	167	171	3.0	7,804	8,349	8,717	38	Dodge.....	117	133	136	3.0	7,858	8,924	9,098	47
Cheboygan.....	148	160	165	3.2	7,168	7,676	7,913	58	Douglas.....	197	225	239	5.9	7,058	8,004	8,403	61
Chippewa.....	185	202	212	4.8	6,434	6,938	7,279	73	Faribault.....	158	181	181	-1	8,012	9,274	9,289	40
Clare.....	151	168	178	6.2	6,327	6,987	7,387	71	Fillmore.....	176	204	205	8.8	8,047	9,377	9,351	37
Clinton.....	488	543	550	1.3	8,741	9,800	9,950	20	Freeborn.....	330	368	382	3.8	9,115	10,205	10,623	17
Crawford.....	58	65	71	9.2	6,084	6,772	7,341	72	Goodhue.....	335	374	389	3.9	8,647	9,642	9,878	31
Delta.....	286	320	337	5.5	7,357	8,181	8,546	46	Grant.....	51	64	66	-6	7,192	8,973	8,892	53
Dickinson.....	231	242	257	5.9	9,159	9,607	10,156	15	Hennepin.....	11,712	12,886	13,746	6.7	12,433	13,553	14,342	1
Eaton.....	776	867	887	2.2	8,754	9,854	10,061	16	Houston.....	142	160	164	2.7	7,225	8,611	8,754	57
Emmet.....	191	207	218	5.2	8,306	8,962	9,365	31	Hubbard.....	79	89	93	5.2	5,558	6,274	6,500	84
Genesee.....	4,551	5,016	4,887	-2.6	10,114	11,252	11,107	8	Isanti.....	163	180	191	6.3	6,848	7,570	7,976	72
Gladwin.....	129	139	146	5.0	6,390	6,867	7,154	75	Itasca.....	308	343	344	-5	7,139	7,906	7,922	73
Gogebic.....	140	152	161	5.7	7,145	7,844	8,267	54	Jackson.....	125	142	145	1.7	9,203	10,412	10,589	20
Grand Traverse.....	503	555	597	7.6	9,091	9,943	10,621	11	Kanabec.....	82	91	92	1.7	6,657	7,354	7,334	78
Gratiot.....	346	368	378	2.5	8,548	9,203	9,568	26	Kandiyohi.....	283	320	336	5.2	7,660	8,591	8,880	54
Hillsdale.....	313	348	359	3.1	7,440	8,336	8,659	39	Kittson.....	78	82	81	-1.2	11,813	12,164	11,952	5
Houghton.....	245	269	280	3.9	6,476	7,096	7,376	70	Koochiching.....	123	135	139	3.0	6,979	7,765	8,078	69
Huron.....	315	335	351	4.7	8,649	9,227	9,672	23	Lac qui Parle.....	95	107	106	-6	9,002	10,122	10,214	23
Ingham.....	2,717	2,985	3,076	3.0	9,968	10,361	11,321	5	Lake.....	109	115	101	-12.4	8,382	9,007	7,864	74
Ionia.....	374	405	410	1.3	7,207	7,833	7,913	57	Lake of the Woods.....	25	29	30	2.8	6,823	7,615	7,839	75
Iosco.....	201	220	237	7.8	7,109	7,772	8,192	56	Le Sueur.....	200	215	219	1.7	8,531	9,195	9,331	39
Iron.....	104	114	119	4.0	7,658	8,413	8,749	37	Lincoln.....	57	66	65	-1.0	6,958	8,169	8,038	70
Isabella.....	354	390	412	5.6	6,556	7,294	7,704	63	Lyon.....	213	242	247	2.2	8,441	9,571	9,661	33
Jackson.....	1,334	1,443	1,462	1.3	8,818	9,668	9,850	21	McLeod.....	279	315	329	4.3	9,384	10,533	10,864	14
Kalamazoo.....	2,103	2,305	2,390	3.7	9,893	10,849	11,170	6	Mahnomen.....	43	49	51	2.8	7,717	8,920	9,122	46
Kalkaska.....	71	82	87	5.8	6,331	7,480	7,812	61	Marschall.....	142	147	143	-3.0	10,934	11,366	11,200	11
Kent.....	4,290	4,696	4,900	4.3	9,624	10,498	10,849	9	Martin.....	248	287	296	3.1	10,034	11,592	11,833	7
Keweenaw.....	13	15	15	3.9	6,767	7,718	7,650	64	Mille Lacs.....	136	154	160	4.1	7,387	8,284	8,538	58
Lake.....	44	47	50	6.8	5,658	5,941	6,187	81	Morrison.....	172	191	196	2.7	5,855	6,484	6,614	83
Lapeer.....	574	620	636	2.6	8,145	8,879	9,123	34	Mower.....	360	404	420	3.9	8,983	10,070	10,613	19
Leelanau.....	108	124	130	5.2	7,697	8,732	9,066	35	Murray.....	110	122	123	.9	9,607	10,590	10,888	13
Lenawee.....	787	846	857	1.3	8,759	9,466	9,660	24	Nicollet.....	216	240	253	5.5	7,993	8,847	9,141	45
Livingston.....	876	939	960	2.2	8,632	9,346	9,551	27	Nobles.....	204	228	234	2.8	9,388	10,436	10,803	15
Luce.....	55	59	62	5.0	8,355	9,217	10,033	17	Norman.....	92	104	103	-1.1	9,815	11,182	11,196	12
Mackinac.....	75	85	89	5.0	7,402	8,348	8,752	36	Olmsted.....	985	1,091	1,187	8.7	10,708	11,715	12,623	3
Macomb.....	7,660	8,286	8,442	1.9	11,012	11,998	12,268	2	Otter Tail.....	351	408	418	2.4	6,737	7,833	8,014	71
Manistee.....	171	188	189	.7	7,430	8,240	8,426	49	Pennington.....	131	135	136	.8	8,608	8,968	9,287	41
Marquette.....	577	626	627	.1	7,807	8,527	8,595	44	Pine.....	127	144	149	3.6	6,358	7,070	7,242	79
Mason.....	186	206	208	1.3	7,024	7,797	7,860	60	Pipestone.....	92	102	105	2.6	7,889	8,858	9,084	48
Mecosta.....	203	214	223	4.0	5,474	5,767	6,030	82	Polk.....	306	340	344	1.0	8,805	9,846	9,973	29
Menominee.....	191	211	218	3.1	7,307	8,090	8,422	50	Pope.....	85	96	94	-1.7	7,305	8,354	8,127	67
Midland.....	730	811	821	1.2	9,904	11,012	11,113	7	Ramsey.....	5,057	5,593	5,944	6.3	10,997	12,050	12,739	2
Missaukee.....	59	66	70	5.4	5,884	6,549	6,735	80	Red Lake.....	45	50	50	.2</td				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Millions of dollars			Percent change <sup>1</sup>	Dollars					
	1980	1981	1982		1980	1981		1980	1981	1982		1980	1981				
Attala.....	103	113	118	4.4	5,217	5,701	6,045	66	Buchanan.....	732	822	870	5.9	8,840	9,436	10,026	9
Benton.....	39	42	44	4.3	4,740	5,292	5,544	76	Butler.....	229	259	268	3.5	6,081	6,839	7,121	75
Bolivar.....	250	268	270	2.9	5,449	5,788	5,980	70	Caldwell.....	55	68	64	-5.7	6,425	8,023	7,593	68
Calhoun.....	84	91	99	8.1	5,381	5,889	6,383	54	Callaway.....	255	294	316	7.4	7,845	9,081	9,740	14
Carroll.....	38	42	45	8.4	3,925	4,311	4,847	81	Camden.....	133	157	170	8.3	6,630	7,609	8,061	48
Chickasaw.....	107	120	127	5.7	6,028	6,816	7,177	26	Cape Girardeau.....	469	531	549	3.3	7,924	8,936	9,189	23
Choctaw.....	48	53	52	-2.7	5,379	6,123	6,098	65	Carroll.....	99	124	117	-5.8	8,179	10,379	9,893	11
Claiborne.....	65	75	82	9.4	5,347	6,082	6,492	47	Carter.....	23	25	26	3.2	4,171	4,452	4,565	115
Clarke.....	107	118	121	2.7	6,289	7,027	7,097	29	Cass.....	421	472	488	3.3	8,222	9,044	9,228	21
Clay.....	136	150	157	4.7	6,467	7,023	7,257	25	Cedar.....	65	75	76	1.3	5,423	6,289	6,298	98
Coahoma.....	222	243	255	4.8	6,032	6,658	7,038	32	Chariton.....	90	112	103	-8.0	8,601	10,672	9,848	13
Copiah.....	154	171	177	3.7	5,798	6,639	6,806	38	Christian.....	145	164	171	4.4	6,438	7,251	7,484	68
Covington.....	95	104	107	2.4	5,917	6,564	6,721	42	Clark.....	50	69	64	-7.4	5,814	8,069	7,546	64
De Soto.....	377	415	438	5.4	6,967	7,565	7,846	13	Clay.....	1,323	1,511	1,589	5.2	9,687	11,059	11,565	2
Forrest.....	498	550	580	5.5	7,584	8,196	8,552	7	Clinton.....	110	130	130	-3	6,847	8,003	8,020	50
Franklin.....	45	50	52	4.6	5,439	6,100	6,392	52	Cole.....	520	588	625	6.4	9,119	10,171	10,590	7
George.....	88	100	110	9.6	5,705	6,467	7,083	30	Cooper.....	121	135	134	-7	8,244	9,240	9,266	19
Greene.....	43	48	51	4.3	4,398	5,106	5,444	77	Crawford.....	108	122	127	3.6	5,884	6,540	6,831	85
Grenada.....	139	153	160	5.0	6,589	7,225	7,613	15	Dade.....	46	52	53	1.7	6,245	7,063	7,107	76
Hancock.....	139	162	181	11.8	5,633	6,316	6,905	36	Dallas.....	64	72	68	-5.8	5,253	5,999	5,623	108
Harrison.....	1,142	1,312	1,415	7.8	7,236	8,061	8,533	8	Daviess.....	55	69	63	-8.3	6,180	7,696	7,193	74
Hinds.....	2,443	2,689	2,818	4.8	9,713	10,670	11,149	1	De Kalb.....	50	62	57	-8.6	6,144	7,554	6,923	82
Holmes.....	102	115	121	5.6	4,463	4,998	5,246	79	Dent.....	80	90	94	5.0	5,516	6,070	6,377	96
Humphreys.....	70	73	84	14.7	5,072	5,238	5,993	68	Douglas.....	50	56	56	.7	4,289	4,726	4,686	114
Issaquena.....	9	11	10	-5.3	3,694	4,490	4,262	82	Dunklin.....	216	237	243	2.9	5,977	6,537	6,718	89
Itawamba.....	117	132	138	4.9	5,661	6,350	6,753	40	Franklin.....	560	633	665	5.0	7,881	8,808	9,155	24
Jackson.....	860	998	1,119	12.1	7,300	8,834	9,075	3	Gastonade.....	91	105	110	5.2	6,878	7,897	8,261	42
Jasper.....	106	120	122	1.2	6,124	6,978	6,998	34	Gentry.....	56	72	68	-5.1	7,154	9,013	8,535	35
Jefferson.....	50	57	56	-2.0	5,409	6,295	6,188	60	Greene.....	1,562	1,759	1,880	6.9	8,408	9,457	10,012	10
Jefferson Davis.....	70	78	83	6.3	5,094	5,640	5,920	72	Grundy.....	89	100	99	-1.4	7,446	8,415	8,403	38
Jones.....	458	522	539	3.3	7,394	8,372	8,396	9	Harrison.....	63	81	76	-6.0	6,387	8,090	7,544	65
Kemper.....	47	52	54	2.9	4,598	5,169	5,337	78	Henry.....	156	174	180	3.4	7,915	8,924	9,247	20
Lafayette.....	174	192	203	5.8	5,601	6,086	6,388	53	Hickory.....	32	36	37	.9	4,920	5,740	5,659	107
Lamar.....	128	145	157	8.1	5,323	5,848	6,152	62	Holt.....	50	71	63	-11.2	7,212	10,464	9,388	18
Lauderdale.....	583	641	678	5.7	7,533	8,203	8,749	5	Howard.....	72	82	81	-2.0	7,175	8,244	8,061	47
Lawrence.....	67	73	73	6.6	5,322	5,760	6,127	63	Howell.....	166	186	194	4.2	5,748	6,452	6,683	90
Leake.....	105	117	120	2.5	5,578	6,286	6,445	49	Iron.....	77	82	88	6.9	6,969	7,349	7,906	55
Lee.....	452	497	523	5.3	7,899	8,618	8,998	4	Jackson.....	6,200	6,703	7,042	5.1	9,861	10,657	11,184	3
Leflore.....	262	293	307	5.1	6,323	7,070	7,326	23	Jasper.....	671	754	790	4.8	7,700	8,573	8,904	28
Lincoln.....	190	210	223	5.8	6,265	6,934	7,146	28	Jefferson.....	1,055	1,177	1,234	4.9	7,186	7,895	8,171	46
Lowndes.....	413	454	493	8.4	7,213	7,656	8,202	10	Johnson.....	244	277	286	3.3	6,221	7,155	7,424	71
Madison.....	223	252	270	6.9	5,335	5,921	6,199	58	Knox.....	36	50	45	-10.2	6,557	9,127	8,270	41
Marion.....	153	170	174	2.1	5,936	6,474	6,441	50	Laclede.....	155	175	185	5.7	6,349	7,134	7,470	69
Marshall.....	129	141	151	7.1	4,408	4,699	4,990	80	Lafayette.....	249	284	282	-7	8,298	9,478	9,485	17
Monroe.....	230	259	276	6.3	6,321	7,083	7,414	21	Lawrence.....	185	207	216	4.6	6,350	7,169	7,498	67
Montgomery.....	68	75	78	3.6	5,083	5,775	6,006	67	Lewis.....	72	92	85	-7.6	6,634	8,332	7,541	66
Neshoba.....	141	157	161	2.6	5,935	6,537	6,681	43	Lincoln.....	158	187	192	2.7	7,049	8,397	8,477	36
Newton.....	127	144	150	4.2	6,395	7,388	7,578	17	Linn.....	116	136	132	-2.6	7,453	8,758	8,457	37
Noxubee.....	61	67	72	8.6	4,635	5,134	5,611	75	Livingston.....	139	163	155	-4.6	8,887	9,854	9,859	12
Oktibbeha.....	220	246	257	4.6	6,089	6,664	6,902	37	McDonald.....	73	82	89	8.7	4,898	5,471	5,952	103
Panola.....	153	166	177	6.9	5,409	5,843	6,159	61	Macon.....	110	127	128	.7	6,732	7,592	7,694	60
Pearl River.....	211	237	259	9.6	6,203	6,838	7,294	24	Madison.....	57	64	66	3.0	5,290	5,868	6,136	102
Perry.....	58	65	71	9.9	5,853	6,351	6,802	22	Maries.....	39	43	45	3.6	5,194	5,619	5,829	104
Pike.....	216	239	248	4.1	5,967	6,519	6,790	39	Marion.....	221	256	264	3.4	7,705	8,848	9,112	25
Pontotoc.....	119	132	137	4.0	5,682	6,387	6,561	46	Mercer.....	27	38	33	-11.7	5,718	7,864	8,896	83
Prentiss.....	135	151	157	4.3	5,614	6,159	6,395	51	Miller.....	128	144	154	7.1	6,890	7,644	8,031	49
Quitman.....	62	69	73	6.5	4,920	5,621	6,125	64	Mississippi.....	93	110	109	-6	5,919	6,953	6,847	84
Rankin.....	475	537	566	5.3	6,781	7,395	7,472	19	Moniteau.....	86	98	99	1.2	7,111	7,913	7,988	52
Scott.....	140	158	166	4.9	5,708	6,369	6,725	41	Monroe.....	74	91	87	-4.5	7,586	9,356	8,848	29
Sharkey.....	41	50	53	6.5	5,152	6,317	6,595	44	Montgomery.....	82	101	100	-1.0	7,121	8,672	8,686	31
Simpson.....	147	166	171	2.6	6,260	6,973	7,061	31	Morgan.....	80	90	95	6.3	5,763	6,428	6,677	91
Smith.....	82	93	95	2.3	5,444	6,354	6,488	48	New Madrid.....	121	147	148	8	5,316	6,450	6,448	94
Stone.....	71	80	83	4.9	7,275	7,841	8,133	11	Newton.....	241</td							

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Millions of dollars	Percent change <sup>1</sup>		Millions of dollars	Percent change <sup>1</sup>					
	1980	1981	1982		1980	1981		1980			1980	1982					
					1981-82	1982		1982			1982		1982				
Sullivan.....	47	58	55	-5.0	6,380	7,918	7,647	62	Colfax.....	79	94	100	5.7	7,966	9,564	10,138	87
Taney.....	145	167	180	7.9	7,066	7,933	8,342	40	Cuming.....	99	122	133	9.2	8,464	10,451	11,454	11
Texas.....	111	123	130	6.2	5,273	5,720	6,149	101	Custer.....	104	127	132	3.9	7,528	9,112	9,430	50
Vernon.....	136	156	156	.2	6,378	7,808	7,964	53	Dakota.....	131	152	148	-2.1	7,862	8,985	8,701	74
Warren.....	115	132	143	8.6	7,671	8,462	9,094	26	Dawes.....	72	76	80	4.0	7,461	8,002	8,343	82
Washington.....	91	101	105	3.7	5,023	5,548	5,751	105	Dawson.....	189	221	229	3.8	8,506	9,916	10,228	32
Wayne.....	46	58	56	5.9	4,116	4,590	4,834	111	Deuel.....	33	32	35	8.8	13,588	13,224	14,574	2
Webster.....	122	138	145	5.1	5,959	6,692	6,945	81	Dixon.....	49	62	61	-1.3	6,897	8,622	8,522	78
Worth.....	17	24	21	-11.7	5,730	7,776	6,776	87	Dodge.....	347	391	405	3.5	9,647	10,840	11,252	12
Wright.....	95	106	111	4.4	5,846	6,470	6,734	88	Douglas.....	4,265	4,642	4,937	6.4	10,730	11,681	12,282	4
St. Louis City.....	4,170	4,590	4,788	4.3	9,256	10,344	10,947	5	Dundy.....	28	35	34	-2.8	9,631	10,076	11,789	8
Montana.....	6,591	7,358	7,677	4.3	8,361	9,245	9,544	.....	Fillmore.....	72	95	92	-2.3	9,040	12,051	11,694	10
Metropolitan portion.....	1,765	1,941	2,083	7.3	9,370	10,200	10,770	.....	Franklin.....	34	45	45	-1.6	7,914	10,625	10,151	35
Nonmetropolitan por- tion.....	4,826	5,417	5,593	3.2	8,044	8,945	9,156	.....	Frontier.....	29	35	33	-4.4	8,011	9,447	9,062	58
Beaverhead.....	71	71	75	5.7	8,598	8,680	8,845	33	Furnas.....	51	59	61	3.4	7,846	9,069	9,487	48
Big Horn.....	84	83	87	4.5	7,615	7,278	7,653	48	Gage.....	213	247	250	1.0	8,764	10,992	10,305	31
Blaine.....	45	53	52	-1.7	6,468	7,639	7,545	49	Garden.....	26	26	29	10.2	9,132	9,368	10,072	38
Broadwater.....	21	25	27	9.4	6,461	7,887	8,305	38	Garfield.....	17	20	21	5.0	7,298	8,905	9,225	54
Carbon.....	62	69	74	6.3	7,637	8,525	8,890	32	Gosper.....	15	23	21	-7.4	7,003	10,674	9,669	45
Carter.....	13	14	11	-18.0	7,475	7,924	6,580	53	Grant.....	7	7	9	24.2	8,223	8,462	10,404	29
Cascade.....	711	770	804	4.5	8,893	9,612	10,043	15	Greeley.....	23	31	31	-1.3	6,763	8,185	9,051	60
Chouteau.....	50	66	64	-2.8	8,281	10,897	10,427	8	Hall.....	438	504	523	3.8	9,143	10,339	10,599	24
Custer.....	123	130	137	5.7	9,346	9,830	10,290	10	Hamilton.....	73	97	96	-7	7,816	10,270	10,174	34
Daniels.....	24	28	29	5.6	8,527	9,802	10,378	9	Harlan.....	34	44	43	-1.7	8,026	10,115	10,003	41
Dawson.....	105	131	135	3.7	8,871	10,643	10,636	6	Hayes.....	9	10	9	-5.6	6,729	7,241	6,858	90
Deer Lodge.....	87	91	90	-8	7,046	7,562	7,766	46	Hitchcock.....	38	40	40	-1.1	9,248	9,816	9,685	44
Fallon.....	33	38	37	-1.8	8,922	10,163	9,897	17	Holt.....	91	110	114	2.9	6,712	8,023	8,177	84
Fergus.....	103	116	116	0	7,842	9,011	8,958	29	Hooker.....	8	8	9	7.4	7,699	8,551	8,759	71
Flathead.....	422	466	478	2.7	8,056	8,918	9,143	26	Howard.....	48	61	61	-3	7,063	9,097	9,051	59
Gallatin.....	318	361	395	9.6	7,358	8,216	8,737	34	Jefferson.....	81	95	95	-2	8,209	9,874	9,896	42
Garfield.....	14	16	12	-21.8	8,324	9,549	7,873	50	Johnson.....	38	46	46	-1.0	7,265	8,941	8,908	65
Glacier.....	101	108	110	2.2	9,449	9,930	9,999	16	Kearney.....	62	87	86	-6	8,775	12,397	12,279	5
Golden Valley.....	8	7	7	-7.5	7,673	6,765	6,236	55	Keith.....	93	97	103	6.6	9,962	10,435	11,070	14
Granite.....	21	22	23	5.6	7,789	8,056	8,702	35	Keya Paha.....	6	7	7	3.7	4,840	5,356	5,577	92
Hill.....	150	176	179	1.9	8,340	9,586	9,676	22	Kimball.....	64	66	69	4.9	13,129	13,158	13,287	3
Jefferson.....	50	56	60	8.7	7,114	7,688	8,297	39	Knox.....	73	88	92	5.0	6,387	7,615	8,095	86
Judith Basin.....	18	20	21	5.2	6,774	7,077	7,816	43	Lancaster.....	1,862	2,062	2,169	5.2	9,610	10,470	10,888	16
Lake.....	113	131	141	7.3	5,883	6,847	7,269	52	Lincoln.....	336	363	366	1.0	9,225	10,142	10,526	26
Lewis and Clark.....	412	454	485	6.6	9,507	10,341	10,933	4	Logan.....	7	8	9	13.1	7,369	8,711	9,576	46
Liberty.....	27	32	31	-8.8	11,464	13,671	12,949	2	McPherson.....	4	4	5	3.4	6,623	5,260	5,504	93
Lincoln.....	120	136	141	3.5	6,725	7,612	7,806	44	Madison.....	305	341	347	1.5	9,676	10,793	10,860	17
McCone.....	22	27	26	-1.3	8,195	9,948	9,525	23	Merrick.....	62	81	80	-1.9	7,574	9,638	9,811	53
Madison.....	38	45	47	4.1	6,931	7,921	8,104	40	Morrill.....	62	81	80	-1.9	9,462	10,927	11,188	13
Meagher.....	18	18	22	-2.2	8,534	8,242	7,836	42	Nance.....	29	40	39	-2.1	6,019	8,420	8,407	80
Mineral.....	27	28	28	-1	7,233	7,931	7,978	41	Nemaha.....	67	77	75	-2.8	7,963	9,319	9,067	57
Missoula.....	624	650	676	4.0	8,183	8,507	8,994	28	Nuckolls.....	48	61	60	-1.1	7,167	9,089	8,958	68
Musselshell.....	38	43	42	-1.7	8,687	9,307	9,014	27	Otoe.....	128	147	144	-1.8	8,471	9,725	9,528	47
Petroleum.....	5	5	4	-21.9	8,260	7,553	5,988	56	Pawnee.....	29	35	34	-4.0	7,420	9,127	9,008	61
Phillips.....	41	50	48	-3.1	7,629	9,229	8,899	31	Perkins.....	50	54	55	1.3	13,797	14,855	14,922	1
Pondera.....	54	66	69	3.6	8,049	9,959	10,050	14	Phelps.....	87	120	120	-3	8,939	12,028	11,795	7
Powder River.....	21	24	24	.7	8,378	9,718	9,787	21	Pierce.....	64	81	80	-1.9	7,574	9,638	9,811	53
Powell.....	58	63	68	7.2	8,349	9,194	10,075	12	Platte.....	273	318	328	2.9	9,437	10,927	11,188	13
Prairie.....	14	15	15	.3	7,502	7,884	7,747	47	Polk.....	50	68	68	-7	7,866	10,908	10,793	15
Ravalli.....	156	174	183	5.0	6,838	7,497	7,766	45	Red Willow.....	119	134	137	2.2	9,409	10,542	10,684	23
Richland.....	116	149	147	-1.9	9,319	10,934	9,814	29	Richardson.....	90	103	102	-1.6	7,948	9,148	8,982	64
Roosevelt.....	78	93	96	3.8	7,456	8,575	8,518	37	Rock.....	19	21	23	5.7	8,086	8,806	9,180	55
Rosebud.....	77	98	120	23.2	7,699	8,921	9,879	18	Saline.....	120	143	142	-5	9,109	10,892	10,710	21
Sanders.....	60	64	66	3.2	6,829	7,834	7,836	51	Sarpy.....	655	734	794	8.3	7,603	8,308	8,714	73
Sheridan.....	51	66	65	-8	9,556	11,543	10,888	5	Saunders.....	157	187	188	-6	8,372	9,973	10,067	39
Silver Bow.....	326	356	359	1.0	8,614	9,463	9,825	19	Seward.....	108	136	138	1.4	6,834	8,605	8,899	66
Stillwater.....	43	50	51	3.9	7,630	8,808	8,902	30	Sheridan.....	63	65	68	4.4	8,337	8,609	8,893	68
Sweet Grass.....	25	30	31	3.2	7,814	9,146	9,351	24	Sherman.....	31	37	38	7	7,168	8,839	9,178	56
Teton.....	53	64	67	5.6	8,144	9,777	10,528	7	Sioux.....	12	10	11	4.8</				

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income			Area title			
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in State	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in State	
	1980	1981	1982		1980	1981	1982		1980	1981	1982		1980	1981	1982		
								1982								1982	
Washeoe.....	2,418	2,720	2,860	5.1	12,401	13,457	13,740	1	Delaware.....	334	375	391	4.3	7,118	8,028	8,402	52
White Pine.....	74	86	82	-4.4	9,229	9,818	9,490	13	Dutchess.....	2,406	2,757	3,039	10.2	9,774	11,272	12,363	10
Carson City.....	338	392	412	4.9	10,522	11,688	11,898	4	Erie.....	9,763	10,727	11,119	3.7	9,634	10,684	11,160	14
New Hampshire.....	8,322	9,418	10,179	8.1	9,011	10,043	10,721	.....	Essex.....	259	289	310	7.2	7,121	8,004	8,519	48
Metropolitan portion.....	5,136	5,841	6,385	9.3	9,266	10,329	11,144	.....	Franklin.....	286	313	331	5.8	6,362	7,010	7,534	59
Nonmetropolitan portion.....	3,186	3,577	3,794	6.1	8,629	9,609	10,077	.....	Fulton.....	401	451	484	7.5	7,273	8,211	8,800	44
Belknap.....	372	414	443	6.8	8,649	9,583	10,051	5	Genesee.....	497	552	565	2.4	8,351	9,259	9,519	34
Carroll.....	235	271	287	5.7	8,358	9,483	9,936	7	Greene.....	308	343	363	5.9	7,542	8,433	8,919	43
Cheshire.....	546	613	649	5.8	8,785	9,725	10,197	4	Hamilton.....	34	39	42	7.9	6,799	7,793	8,413	51
Coos.....	267	297	310	4.4	7,618	8,538	8,971	9	Herkimer.....	526	580	608	4.8	7,870	8,736	9,139	38
Grafton.....	557	627	669	6.7	8,437	9,453	9,956	6	Jefferson.....	674	738	784	6.2	7,653	8,448	9,020	41
Hillsborough.....	2,658	3,007	3,288	9.3	9,581	10,664	11,516	2	Kings.....	19,052	21,295	22,912	7.6	8,542	9,545	10,227	19
Merrimack.....	905	1,015	1,087	7.1	9,173	10,175	10,771	3	Lewis.....	159	177	185	4.8	6,366	7,123	7,471	61
Rockingham.....	1,818	2,092	2,300	9.9	9,507	10,690	11,596	1	Livingston.....	443	496	530	7.0	7,766	8,711	9,248	37
Strafford.....	659	742	797	7.4	7,708	8,448	8,946	10	Madison.....	480	534	564	5.7	7,365	8,169	8,651	46
Sullivan.....	304	339	350	3.3	8,395	9,294	9,373	8	Monroe.....	7,811	8,799	9,505	8.0	11,106	12,500	13,437	5
New Jersey.....	80,960	90,766	97,599	7.5	10,975	12,269	13,169	.....	Montgomery.....	430	482	511	5.9	8,063	9,101	9,651	31
Metropolitan portion.....	80,960	90,766	97,599	7.5	10,975	12,269	13,169	.....	Nassau.....	19,203	21,738	23,508	8.1	14,498	16,549	17,858	1
Atlantic.....	1,915	2,207	2,389	8.2	9,836	11,302	12,248	10	New York.....	20,040	21,640	23,251	7.4	14,001	15,180	16,337	3
Bergen.....	12,055	13,492	14,508	7.5	14,271	15,977	17,246	1	Niagara.....	2,055	2,246	2,304	2.6	9,061	9,998	10,401	18
Burlington.....	3,437	3,888	4,170	7.2	9,458	10,576	11,270	16	Oneida.....	2,096	2,340	2,494	6.6	8,276	9,273	9,914	26
Camden.....	4,554	5,084	5,427	6.7	9,646	10,681	11,361	15	Onondaga.....	4,378	4,866	5,218	7.2	9,437	10,561	11,357	13
Cape May.....	774	894	959	7.2	9,362	10,524	11,228	17	Ontario.....	767	854	914	7.0	8,613	9,603	10,224	20
Cumberland.....	1,119	1,254	1,337	6.7	8,430	9,374	10,018	21	Orange.....	2,315	2,632	2,861	8.7	8,881	10,023	10,792	16
Essex.....	8,853	9,722	10,363	6.6	10,424	11,515	12,347	9	Orleans.....	327	364	383	5.2	8,483	9,465	9,909	27
Gloucester.....	1,750	1,976	2,133	8.0	8,703	9,776	10,456	20	Oswego.....	866	983	1,087	10.5	7,603	8,697	9,535	33
Hudson.....	5,476	5,966	6,390	7.1	9,786	10,629	11,430	14	Otsego.....	425	475	510	7.3	7,188	8,053	8,621	47
Hunterdon.....	1,001	1,138	1,229	8.0	11,403	12,923	13,831	5	Putnam.....	737	837	906	8.3	9,471	10,719	11,550	12
Mercer.....	3,359	3,749	4,023	7.3	10,920	12,208	13,043	8	Queens.....	20,175	22,651	24,648	8.8	10,650	11,957	12,975	6
Middlesex.....	6,719	7,583	8,175	7.8	11,249	12,672	13,572	6	Rensselaer.....	1,271	1,400	1,502	7.2	8,358	9,265	9,948	22
Monmouth.....	5,555	6,285	6,800	8.2	11,012	12,418	13,327	7	Richmond.....	3,514	4,012	4,379	9.1	9,910	11,254	12,173	11
Morris.....	5,230	5,909	6,419	8.6	12,802	14,433	15,642	3	Rockland.....	3,081	3,517	3,823	8.7	11,819	13,604	14,717	4
Ocean.....	3,086	3,558	3,856	8.4	8,856	10,064	10,773	19	St. Lawrence.....	750	831	876	5.5	6,563	7,329	7,786	58
Passaic.....	4,580	5,098	5,462	7.1	10,226	11,313	12,036	11	Saratoga.....	1,269	1,413	1,527	8.1	8,289	9,145	9,863	32
Salem.....	562	629	710	12.9	8,688	9,744	10,905	18	Schenectady.....	1,599	1,797	1,922	7.0	10,673	12,033	12,891	7
Somerset.....	2,830	3,201	3,459	8.1	13,898	15,675	16,905	2	Shohola.....	182	202	215	6.2	6,119	6,879	7,303	62
Sussex.....	1,134	1,280	1,384	8.2	9,694	10,871	11,708	12	Schuyler.....	126	139	142	1.7	7,103	7,914	8,057	56
Union.....	6,144	6,924	7,417	7.1	12,179	13,742	14,733	4	Seneca.....	276	308	327	6.1	8,183	9,156	9,940	24
Warren.....	828	929	989	6.5	9,764	10,965	11,678	13	Steuben.....	818	900	929	3.3	8,250	9,120	9,485	35
New Mexico.....	10,297	11,604	12,483	7.6	7,889	8,695	9,135	.....	Suffolk.....	13,313	15,176	16,516	8.8	10,342	11,827	12,350	8
Metropolitan portion.....	4,388	4,977	5,389	8.3	8,455	9,486	10,086	.....	Sullivan.....	515	587	634	8.0	7,901	9,044	9,834	30
Nonmetropolitan portion.....	5,909	6,628	7,095	7.0	7,515	8,183	8,525	.....	Tioga.....	398	443	477	7.7	7,975	8,832	9,611	32
Bernalillo.....	3,773	4,257	4,618	8.5	8,937	9,929	10,626	3	Tompkins.....	667	749	802	7.1	7,632	8,537	9,132	39
Catron.....	15	16	16	-2	5,689	5,885	5,908	29	Ulster.....	1,362	1,513	1,669	10.3	8,597	9,588	10,513	17
Chaves.....	417	446	503	12.6	8,120	8,631	9,229	7	Warren.....	456	509	545	7.2	8,288	9,232	9,947	23
Cibola?	153	153	153	-3.8	7,398	8,796	8,042	19	Washington.....	386	433	456	5.2	7,044	7,944	8,296	54
Colfax.....	107	110	122	11.5	7,794	8,197	9,742	6	Wayne.....	732	808	865	7.0	8,551	9,477	10,064	21
Curry.....	339	350	381	9.1	8,136	8,038	8,596	11	Westchester.....	12,486	14,059	15,210	8.2	14,389	16,283	17,658	2
De Baca.....	20	20	20	1.8	8,304	8,314	8,276	16	Wyoming.....	291	322	337	4.8	7,287	8,071	8,367	53
Dona Ana.....	615	720	771	7.0	6,354	7,504	7,729	21	Yates.....	160	179	184	2.7	7,418	8,421	8,690	46
Eddy.....	394	468	515	9.9	8,223	9,499	10,228	4	North Carolina.....	45,652	51,482	54,433	5.7	7,753	8,646	9,048	.....
Grant.....	195	242	232	-3.8	7,398	8,796	8,042	19	Metropolitan portion.....	27,470	30,988	33,064	6.7	8,551	9,542	10,063	.....
Guadalupe.....	27	28	29	3.1	6,005	6,153	6,421	25	Nonmetropolitan portion.....	18,182	20,493	21,369	4.3	6,795	7,571	7,827	.....
Harding.....	9	8	9	4.6	8,103	8,273	8,873	9	Alamance.....	808	906	959	5.9	8,101	9,082	9,522	9
Hidalgo.....	48	51	51	-6	7,983	8,190	7,787	20	Alexander.....	163	188	195	3.6	6,484	7,444	7,589	60
Lea.....	542	657	733	11.5	9,710	11,307	12,249	2	Alleghany.....	59	65	69	5.3	6,120	6,761	7,025	74
Lincoln.....	86	98	109	11.4	7,716	8,583	8,924	8	Anson.....	169	194	197	1.9	6,591	7,550	7,612	59
Los Alamos.....	246	284	312	9.9	13,923	15,337	15,918	1	Ashe.....	127	142	147	3.5	6,591	7,550	7,612	59
Luna.....	108	119	123	3.5	6,894	7,507	7,587										

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income			Area title	Total personal income			
	Millions of dollars			Percent change <sup>1</sup>				Dollars			Rank in State	Millions of dollars				Percent change <sup>1</sup>		
	1980	1981	1982	1981-82	1980	1981	1982	1980	1981	1980		1981	1982	1980	1981	1982		
							1982								1982			
Guilford.....	3,128	3,499	3,712	6.1	9,851	10,969	11,574	2	Mountrail.....	63	88	87	-1.1	8,215	11,166	10,899	23	
Halifax.....	317	365	381	4.4	5,736	6,581	6,852	82	Nelson.....	44	61	60	-2.9	8,481	12,049	11,954	9	
Harnett.....	356	392	413	5.3	5,964	6,484	6,778	85	Oliver.....	20	25	24	-3.3	7,857	10,066	9,514	39	
Haywood.....	337	380	398	4.7	7,238	8,132	8,453	34	Pembina.....	88	119	119	-3	8,529	11,507	11,598	13	
Henderson.....	490	568	609	7.3	8,300	9,422	9,835	7	Pierce.....	47	63	61	-4.3	7,681	10,242	9,907	36	
Hertford.....	145	172	180	4.3	6,218	7,370	7,666	58	Ramsey.....	119	147	152	3.2	9,103	11,376	11,682	12	
Hoke.....	100	111	115	2.9	4,854	5,313	5,322	100	Ransom.....	49	70	62	-11.0	7,368	10,618	9,528	38	
Hyde.....	32	34	32	-4.0	5,522	5,653	5,456	99	Renville.....	30	45	42	-5.4	8,355	12,337	11,895	10	
Iredell.....	625	696	719	3.3	7,550	8,325	8,522	31	Richland.....	127	190	165	-13.4	6,623	9,875	8,374	49	
Jackson.....	156	176	185	5.0	6,004	6,698	6,958	77	Rolette.....	71	90	91	1.2	5,856	7,307	7,275	52	
Johnston.....	501	547	564	3.1	7,082	7,634	7,801	52	Sargent.....	37	57	51	-11.4	6,695	10,477	9,391	44	
Jones.....	57	60	62	3.0	5,919	6,172	6,326	91	Sheridan.....	23	33	31	-7.4	8,123	12,005	11,333	19	
Lee.....	291	337	350	4.0	7,892	9,058	9,283	13	Sioux.....	25	28	26	-6.2	6,830	7,462	7,008	53	
Lenoir.....	438	479	503	5.0	7,325	7,970	8,374	35	Slope.....	13	15	13	-16.4	10,900	12,820	10,585	27	
Lincoln.....	308	346	360	4.0	7,234	8,082	8,329	37	Stark.....	220	279	302	8.2	9,141	10,611	10,588	26	
McDowell.....	254	277	284	2.5	7,200	7,741	7,895	49	Steele.....	208	257	257	0	8,593	10,668	10,711	41	
Macon.....	134	155	168	8.2	6,608	7,315	7,714	56	Townner.....	34	52	51	-2.4	8,386	12,324	12,452	6	
Madison.....	91	105	107	1.9	5,396	6,157	6,342	90	Trail.....	83	110	109	-1.1	8,626	11,628	11,496	16	
Martin.....	176	202	207	2.2	6,769	7,713	7,896	48	Walsh.....	120	157	155	-1.0	7,854	10,280	10,037	35	
Mecklenburg.....	4,195	4,754	5,121	7.7	10,328	11,542	12,209	1										
Mitchell.....	90	100	104	3.7	6,243	6,957	7,239	71										
Montgomery.....	150	165	171	3.7	6,627	7,298	7,549	62										
Moore.....	399	452	479	5.9	7,854	8,849	9,260	15										
Nash.....	514	592	621	4.9	7,649	8,724	9,086	17										
New Hanover.....	863	961	1,021	6.2	8,321	9,144	9,512	10										
Northampton.....	109	135	135	-5	4,845	5,936	6,011	94										
Onslow.....	667	835	931	11.4	5,967	7,362	7,985	46										
Orange.....	646	728	789	8.4	8,347	9,383	10,082	6										
Pamlico.....	70	75	79	4.2	6,700	7,228	7,447	66										
Pasquotank.....	204	229	240	4.9	7,145	8,006	8,362	36										
Pender.....	135	153	159	4.1	6,073	6,784	6,930	78										
Perquimans.....	54	64	65	2.2	5,635	6,677	6,834	84										
Person.....	182	209	222	6.2	6,206	7,175	7,486	64										
Scotland.....	633	710	755	6.8	7,552	7,734	8,120	44										
Stanly.....	112	127	134	5.4	8,589	9,354	9,467	11										
Stokes.....	209	239	248	3.7	6,262	7,101	7,252	70										
Surry.....	429	494	508	2.7	7,195	8,274	8,513	32										
Swain.....	59	65	68	4.4	5,781	6,197	6,418	88										
Transylvania.....	174	197	211	7.1	7,412	8,269	8,724	26										
Tyrrell.....	26	30	29	-2.5	6,647	7,365	7,006	75										
Union.....	546	634	668	5.2	7,711	8,783	9,070	18										
Vance.....	252	286	303	6.0	6,836	7,731	8,129	43										
Wake.....	2,913	3,284	3,588	9.3	9,626	10,646	11,407	4										
Warren.....	92	112	114	2.3	5,674	6,884	7,166	72										
Washington.....	115	128	128	-4	7,804	8,775	8,767	25										
Watauga.....	192	221	232	4.9	6,040	6,766	6,972	76										
Wayne.....	671	743	781	5.1	6,915	7,645	7,999	45										
Wilkes.....	421	467	484	3.8	7,171	7,907	8,153	42										
Wilson.....	507	572	600	4.9	8,003	9,040	9,414	12										
Yadkin.....	218	249	259	4.0	7,650	8,685	8,925	21										
Yancey.....	77	86	90	3.6	5,152	5,723	5,894	97										
North Dakota.....	5,730	7,202	7,290	1.2	8,761	10,896	10,830											
Metropolitan portion.....	2,159	2,506	2,637	5.2	9,166	10,567	10,951											
Nonmetropolitan portion.....	3,571	4,696	4,653	-9	8,533	11,079	10,762											
Adams.....	33	36	37	1.7	9,294	10,109	10,443	29										
Barnes.....	104	133	131	-1.6	7,433	9,507	9,406	43										
Benson.....	61	82	80	-2.6	7,755	10,536	10,190	31										
Billings.....	12	15	14	-5.6	10,549	12,109	11,282	20										
Bottineau.....	86	119	117	-1.4	9,216	13,004	12,531	5										
Bowman.....	36	45	44	-1.7	8,503	10,266	10,132	32										
Burke.....	34	50	51	1.7	8,884	13,378	13,633	3										
Burleigh.....	572	642	697	8.5	10,324	11,557	12,283	7										
Cass.....	855	1,012	1,049	3.6	9,662	11,308	11,558	14										
Cavalier.....	51	84	83	-1.6	6,850	11,307	11,403	17										
Dickey.....	51	70	66	-7.0	7,066	10,008	9,350	45										
Divide.....	30	50	48	-4.0	8,758	14,505	13,784	1										
Dunn.....	47	57	56	-2.3	10,082	11,827	11,057	22										
Eddy.....	25	35	35	-2.1	7,096	10,279	10,047	34										
Emmons.....	46	57	53	-7.5	7,847	9,667	9,097	47										
Foster.....	39	48	47	-1.1	8,505	10,593	10,292	30										
Golden Valley.....	27	32	31	-3.1	11,401	12,462	11,505	15										
Grand Forks.....	524	614	640	4.4	7,924	9,213	9,513	40										
Grant.....	30	38	34	-12.1	7,159	9,032	7,937	51										
Griggs.....	25	35	33	-4.7	6,891	9,682	9,128	46										
Hettinger.....	35	42	41	-2.2	8,132	10,128	10,089	33										
Kidder.....	29	41	36	-13.8	7,498	11,												

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income			Area title			
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in State	Millions of dollars			Percent change <sup>1</sup>	Dollars				
	1980	1981	1982		1980-82	1980	1981		1980	1981	1982		1980	1981	1982		
	1980	1981	1982	1982	1980	1981	1982	1982	1980	1981	1982	1982	1980	1981	1982	1982	
Portage.....	1,063	1,149	1,191	3.6	7,811	8,358	8,647	65	Stephens.....	427	510	539	5.6	9,756	11,470	11,564	17
Preble.....	289	318	329	3.7	7,530	8,330	8,679	63	Texas.....	260	223	303	35.6	14,708	12,427	17,005	2
Putnam.....	284	291	301	3.4	8,606	8,761	9,036	57	Tillman.....	102	114	113	-1.4	8,206	9,406	9,374	36
Richland.....	1,135	1,265	1,281	1.3	8,648	9,667	9,855	34	Tulsa.....	5,671	6,670	7,212	8.1	11,952	13,753	14,452	5
Ross.....	499	551	571	3.6	7,674	8,379	8,660	64	Wagoner.....	235	285	304	6.8	5,529	6,424	6,663	70
Sandusky.....	554	599	625	4.3	8,777	9,557	10,012	24	Washington.....	624	757	833	10.0	12,817	15,021	16,068	4
Scioto.....	561	615	637	3.6	6,630	7,313	7,549	77	Washita.....	109	132	155	17.4	7,810	8,636	8,884	50
Seneca.....	550	587	609	3.7	8,897	9,608	9,941	29	Woods.....	103	112	134	19.3	9,424	10,164	12,103	14
Shelby.....	360	384	394	2.5	8,847	8,834	9,025	58	Woodward.....	197	255	289	13.2	9,198	11,165	11,606	16
Stark.....	3,540	3,917	4,001	2.2	9,341	10,359	10,566	13	Oregon.....	24,678	26,666	27,350	2.6	9,356	9,979	10,231	.....
Summit.....	5,056	5,516	5,734	4.0	9,636	10,609	11,064	8	Metropolitan portion.....	17,426	18,867	19,421	2.9	9,866	10,537	10,826	.....
Trumbull.....	2,432	2,671	2,542	-4.8	10,074	11,088	10,564	15	Nonmetropolitan portion.....	7,252	7,799	7,929	1.7	8,322	8,845	9,016	.....
Tuscarawas.....	677	760	783	3.0	7,982	8,952	9,160	53	Baker.....	137	145	142	-1.6	8,485	8,872	8,675	31
Union.....	258	286	309	8.3	8,714	9,574	10,191	20	Benton.....	538	603	688	5.7	7,910	8,716	9,322	14
Van Wert.....	298	308	317	3.0	9,798	10,193	10,564	14	Clackamas.....	2,429	2,636	2,712	2.9	10,018	10,679	10,876	5
Vinton.....	66	70	74	4.7	5,633	6,204	6,470	88	Clatsop.....	287	309	318	3.0	8,841	9,401	9,679	8
Warren.....	852	923	970	5.1	8,541	9,192	9,583	41	Columbia.....	317	344	342	-5	8,892	9,465	9,381	13
Washington.....	513	564	586	3.8	7,946	8,768	9,047	56	Coos.....	518	545	561	3.0	8,098	8,528	8,969	21
Wayne.....	883	933	981	5.2	8,528	9,534	9,906	30	Crook.....	108	116	115	-8	8,214	8,785	8,849	26
Williams.....	329	353	360	2.2	9,019	9,598	9,967	26	Curry.....	141	156	160	2.5	8,249	9,005	9,198	15
Wood.....	948	1,020	1,072	5.1	8,789	9,388	9,827	38	Deschutes.....	510	549	566	3.0	8,079	8,644	8,861	25
Wyandot.....	198	215	227	5.6	8,726	9,570	10,078	23	Douglas.....	771	795	803	1.0	8,219	8,467	8,675	30
Oklahoma.....	27,909	32,933	36,121	9.7	9,188	10,602	11,247	.....	Gilliam.....	21	28	22	-2.9	10,484	11,022	10,662	7
Metropolitan portion.....	17,627	20,825	22,822	9.6	10,171	11,727	12,386	.....	Grant.....	69	73	71	-5.7	8,362	8,872	8,731	29
Nonmetropolitan portion.....	10,282	12,109	13,300	9.8	7,882	9,101	9,714	.....	Harney.....	75	71	68	-4.8	9,007	9,892	9,988	20
Adair.....	83	100	100	-3	4,446	5,844	5,265	77	Hood River.....	161	170	176	3.5	10,238	10,606	10,891	4
Alfalfa.....	65	70	85	22.0	9,239	9,769	11,817	15	Jackson.....	1,079	1,159	1,191	2.7	8,134	8,597	8,821	27
Atoka.....	56	67	69	2.2	4,372	5,269	5,371	76	Jefferson.....	95	110	112	1.6	8,189	9,121	9,092	19
Beaver.....	74	78	97	24.1	10,773	11,229	13,202	9	Josephine.....	414	453	466	2.9	7,025	7,462	7,766	36
Beckham.....	158	218	268	22.6	8,104	10,421	10,694	22	Klamath.....	495	527	531	-7	8,397	8,809	8,987	23
Blaine.....	110	135	156	14.8	8,182	9,625	10,451	25	Lake.....	66	70	68	-2.1	8,674	9,013	8,752	28
Bryan.....	203	230	243	5.8	6,605	7,403	7,823	61	Lane.....	2,332	2,495	2,501	-3	8,449	8,998	9,178	17
Caddo.....	288	274	311	13.8	7,765	8,589	9,300	37	Lincoln.....	302	334	347	4.1	8,499	9,304	9,508	10
Canadian.....	531	642	737	14.7	9,266	10,677	11,555	18	Linn.....	741	799	806	1.0	8,277	8,811	8,908	24
Carter.....	402	476	509	6.9	9,213	10,711	11,083	20	Malheur.....	212	234	232	-1.2	7,884	8,596	8,834	35
Cherokee.....	181	210	229	8.9	5,870	6,718	7,288	64	Marion.....	1,785	1,954	2,002	2.5	8,686	9,359	9,579	9
Choctaw.....	99	111	112	1.6	5,803	6,416	6,697	69	Morrow.....	89	92	86	-5.6	11,657	12,305	11,459	2
Cimarron.....	59	50	72	43.4	16,192	18,688	19,570	1	Multnomah.....	6,398	6,918	7,157	3.5	11,393	12,223	12,649	1
Cleveland.....	1,089	1,306	1,461	11.9	8,073	9,348	9,992	29	Polk.....	350	382	385	-7	7,776	8,224	8,375	34
Coal.....	35	40	41	.9	5,808	6,678	6,946	66	Sherman.....	20	21	19	-6.2	9,356	9,405	8,643	33
Comanche.....	794	905	1,027	13.5	7,112	8,020	8,491	54	Tillamook.....	180	197	203	3.0	8,455	9,226	9,376	12
Cotton.....	58	61	69	12.2	7,801	8,549	9,862	30	Umatilla.....	492	531	540	1.7	8,337	8,828	8,948	22
Craig.....	134	150	159	6.3	8,983	9,931	10,455	24	Union.....	193	209	213	1.8	8,060	8,534	8,656	32
Creek.....	457	549	584	6.4	7,693	8,916	9,134	42	Wallowa.....	63	68	68	-4	8,662	9,201	9,135	18
Custer.....	220	278	348	24.9	8,444	10,087	11,179	19	Wasco.....	222	242	242	0	10,206	10,841	10,785	6
Delaware.....	124	155	161	3.5	5,109	6,346	6,174	74	Washington.....	2,580	2,811	2,949	4.9	9,455	10,429	11,081	3
Dewey.....	59	72	84	16.6	9,985	11,829	12,852	11	Wheeler.....	14	15	14	-5.8	9,658	10,182	9,389	11
Ellis.....	56	68	79	17.5	9,926	11,228	12,158	13	Yamhill.....	472	511	524	2.5	8,492	9,058	9,197	16
Garfield.....	656	807	871	8.0	10,441	12,511	12,928	10	Pennsylvania.....	111,534	123,756	129,956	5.0	9,389	10,425	10,934	.....
Garvin.....	227	291	318	9.1	8,490	10,084	10,602	23	Metropolitan portion.....	97,447	108,030	113,626	5.2	9,696	10,759	11,305	.....
Grady.....	325	395	439	11.2	8,179	9,686	10,118	27	Nonmetropolitan portion.....	14,087	15,726	16,329	3.8	7,699	8,593	8,900	.....
Grant.....	84	93	109	17.4	12,892	13,799	16,335	3	Adams.....	529	602	641	6.4	7,700	8,687	9,134	35
Greer.....	48	55	62	11.7	7,086	7,797	8,468	55	Allegheny.....	15,842	17,579	18,339	4.8	10,938	12,223	12,796	3
Harmon.....	31	38	40	5.1	7,080	7,890	8,567	53	Armstrong.....	603	676	711	5.2	7,753	8,672	9,100	36
Harper.....	57	59	71	19.9	12,070	12,077	14,141	7	Beaver.....	1,266	2,101	2,003	-4.7	9,126	10,395	9,891	20
Haskell.....	69	83	86	3.8	6,278	7,404	7,589	62	Bedford.....	299	336	352	4.7	6,373	7,124	7,380	65
Hughes.....	91	110	116	6.0	6,360	7,574	7,863	60	Berks.....	3,077	3,447	3,647	5.8	9,321	10,974	11,589	9
Jackson.....	205	244	270	10.7	6,793	8,084	8,950	44	Blair.....	1,038	1,131	1,173	3.7	7,568	8,395	8,636	45
Jefferson.....	62	77	80	4.2	7,592	9,357	9,533	34	Bradford.....	455	517	533	3.2	7,224	8,155	8,329	51
Johnston.....	55	59	66	13.2	5,263												

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income			Area title			
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in State	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in State	
	1980	1981	1982		1980	1981	1982		1980	1981	1982		1980	1981	1982		
				1981-82			1982					1981-82				1982	
McKean.....	426	474	497	4.8	8,418	9,398	10,050	16	Brookings.....	175	208	216	3.8	7,139	8,402	8,655	47
Mercer.....	1,093	1,221	1,202	-1.6	8,497	9,558	9,426	27	Brown.....	331	382	393	2.8	8,976	10,266	10,492	11
Mifflin.....	334	372	383	3.2	7,115	7,941	8,256	55	Brule.....	45	49	55	12.8	8,718	9,386	10,340	14
Monroe.....	576	644	687	6.7	8,220	9,075	9,396	30	Buffalo.....	10	10	12	19.6	5,747	5,664	7,079	59
Montgomery.....	8,427	9,351	10,025	7.2	13,062	14,404	15,390	1	Butte.....	61	67	69	3.1	7,218	7,935	8,212	54
Montour.....	129	152	165	8.5	7,725	9,037	9,804	23	Campbell.....	21	22	25	14.1	9,315	10,206	11,397	4
Northampton.....	2,267	2,507	2,609	4.1	10,037	11,042	11,429	10	Charles Mix.....	61	78	79	2.3	6,309	8,054	8,243	53
Northumberland.....	788	864	898	4.0	7,882	8,619	8,952	40	Clark.....	34	44	49	13.1	7,022	9,087	10,277	15
Perry.....	257	287	302	5.3	7,156	7,965	8,272	53	Codington.....	93	115	114	-1.2	7,106	8,413	8,315	51
Philadelphia.....	15,013	16,484	17,544	6.4	8,911	9,856	10,535	13	Corson.....	166	191	204	6.8	7,973	9,021	9,337	36
Pike.....	128	146	157	7.1	6,946	7,716	8,012	59	Custer.....	30	32	33	2.7	5,776	5,851	6,153	64
Potter.....	114	128	135	5.8	6,399	7,127	7,587	61	Davison.....	39	45	48	6.3	6,409	7,360	7,590	56
Schuylkill.....	1,245	1,379	1,453	5.4	7,750	8,638	9,154	34	Day.....	58	67	74	10.5	7,123	8,303	9,228	37
Snyder.....	240	269	283	5.4	7,133	7,915	8,263	54	Deuel.....	31	46	47	3.5	5,900	8,645	8,934	40
Somerset.....	639	702	727	3.5	7,857	8,610	8,903	42	Dewey.....	36	38	40	4.3	6,698	7,045	7,421	58
Sullivan.....	39	44	47	5.1	6,099	7,048	7,357	66	Douglas.....	26	32	34	7.0	6,208	7,843	8,292	52
Susquehanna.....	239	266	282	6.0	6,296	7,075	7,419	64	Edmunds.....	38	40	47	18.6	7,377	7,895	9,577	32
Tioga.....	285	310	317	2.2	6,967	7,477	7,729	60	Fall River.....	78	85	84	-3	9,229	10,318	10,604	9
Union.....	246	274	291	6.5	7,477	8,237	8,693	44	Faulk.....	29	31	38	23.9	8,842	9,277	11,629	27
Venango.....	564	639	655	2.5	8,764	9,916	10,080	15	Grant.....	70	84	90	7.2	7,750	9,428	9,799	27
Warren.....	409	460	473	2.7	8,602	9,610	9,867	22	Gregory.....	43	50	57	13.5	7,167	8,288	9,496	33
Washington.....	1,924	2,114	2,178	3.0	8,872	9,769	10,018	18	Haakon.....	26	28	28	-6	9,348	10,225	9,999	22
Wayne.....	245	252	300	6.4	6,942	7,886	8,227	57	Hamlin.....	32	45	46	2.6	6,055	8,608	8,880	41
Westmoreland.....	3,534	3,902	4,026	3.2	8,991	9,953	10,286	14	Hand.....	42	46	51	10.7	8,518	9,390	10,595	10
Wyoming.....	174	188	201	6.7	6,580	7,095	7,498	62	Hanson.....	17	24	24	-2	5,993	6,976	7,034	60
York.....	2,889	3,220	3,368	4.6	9,190	10,199	10,622	12	Harding.....	16	17	17	-3.9	9,459	10,325	9,755	29
Rhode Island.....	8,702	9,653	10,254	6.2	9,174	10,138	10,751	.....	Hughes.....	130	142	148	4.3	9,177	9,843	10,205	19
Metropolitan portion.....	7,973	8,823	9,356	6.0	9,196	10,142	10,748	.....	Hutchinson.....	63	79	83	4.4	6,716	8,557	9,029	38
Nonmetropolitan portion.....	729	830	898	8.1	8,944	10,100	10,782	.....	Hyde.....	18	18	22	19.4	8,830	9,049	10,967	7
Bristol.....	452	507	539	6.3	9,629	10,795	11,492	1	Jackson (incl. Washa-baugh).....	20	21	22	2.3	5,885	6,427	6,625	61
Kent.....	1,487	1,652	1,745	5.6	9,621	10,675	11,243	2	Jerauld.....	20	22	24	12.8	6,887	7,466	8,481	49
Newport.....	729	830	898	8.1	8,944	10,100	10,782	3	Jones.....	13	14	16	7.8	8,701	10,115	10,824	8
Providence.....	5,209	5,738	6,085	6.0	9,114	10,006	10,626	4	Kingsbury.....	52	64	67	3.6	7,835	9,624	10,015	21
Washington.....	824	925	987	6.6	8,775	9,770	10,309	5	Lake.....	73	94	95	1.4	6,827	8,748	8,763	45
South Carolina.....	22,822	25,765	27,228	5.7	7,298	8,109	8,475	.....	Lawrence.....	145	167	167	-3	7,869	9,080	9,860	39
Metropolitan portion.....	14,668	16,507	17,503	6.0	7,847	8,665	9,085	.....	Lincoln.....	95	127	122	-3.9	6,772	9,212	8,808	44
Nonmetropolitan portion.....	8,154	9,258	9,725	5.0	6,481	7,276	7,561	.....	Lyman.....	29	34	37	9.0	7,617	8,913	9,852	24
Abbeville.....	142	158	161	1.8	6,279	7,013	7,159	29	McCook.....	39	53	55	2.8	6,103	8,502	8,662	46
Aiken.....	885	997	1,073	7.6	8,360	9,311	9,906	3	McPherson.....	34	36	45	25.2	8,635	9,022	11,392	5
Allendale.....	48	58	60	4.6	4,442	5,632	5,850	44	Marshall.....	40	48	51	6.4	7,511	8,954	9,619	31
Anderson.....	976	1,082	1,123	3.8	7,285	7,970	8,228	14	Meade.....	150	168	179	6.4	7,226	8,041	8,509	48
Bamberg.....	94	108	111	3.0	5,209	5,995	6,167	38	Mellette.....	14	14	14	1.3	6,297	6,174	6,304	63
Barnwell.....	136	153	158	2.8	6,845	7,691	7,947	21	Miner.....	25	31	34	11.0	6,676	8,296	9,464	34
Beaufort.....	565	677	752	11.1	8,638	9,772	10,073	1	Minnehaha.....	1,065	1,198	1,263	5.4	9,685	10,888	11,206	6
Berkeley.....	507	581	631	8.6	5,293	5,850	6,136	40	Moody.....	48	71	69	-2.8	7,160	10,629	10,135	20
Calhoun.....	81	95	100	4.3	6,651	8,256	8,480	12	Pennington.....	619	679	717	5.6	8,876	9,631	9,813	26
Charleston.....	2,271	2,571	2,758	7.3	8,199	8,991	9,572	5	Perkins.....	41	43	43	-1	8,643	9,332	9,404	35
Cherokee.....	301	325	331	1.9	7,332	7,907	8,124	16	Potter.....	37	40	43	7.7	10,216	10,711	11,533	3
Chester.....	218	245	251	2.4	7,233	8,010	8,174	15	Roberts.....	71	85	91	6.9	6,536	7,822	8,324	50
Chesterfield.....	238	262	272	3.7	6,245	6,846	7,158	30	Sanborn.....	22	26	28	9.1	6,946	8,049	8,863	42
Clarendon.....	125	148	155	4.4	4,540	5,363	5,571	46	Shannon.....	34	37	38	2.8	3,016	3,150	3,355	66
Clleton.....	177	204	216	6.0	5,580	6,369	6,735	35	Spink.....	72	85	94	9.8	7,875	9,432	10,270	16
Darlington.....	389	446	461	3.4	6,194	7,101	7,241	28	Stanley.....	21	22	24	5.2	8,249	8,880	8,785	28
Dillon.....	151	176	185	5.4	4,856	5,595	5,855	43	Sully.....	31	34	30	-10.5	15,527	17,713	15,846	1
Dorchester.....	412	481	519	8.0	6,983	7,769	8,076	17	Todd.....	36	38	42	9.6	4,901	5,223	5,771	65
Edgefield.....	113	126	129	2.4	6,423	7,108	7,273	26	Tripp.....	58	66	73	10.5	8,005	9,309	10,416	13
Fairfield.....	139	153	161	5.7	6,696	7,371	7,825	22	Turner.....	77	98	96	-2.7	8,326	10,804	10,476	12
Florence.....	752	869	901	3.7	6,813	7,785	8,035	19	Union.....	89	116	112	-3.4	8,066	10,565	10,256	17
Georgetown.....	276	304	324	6.6	6,477	7,011	7,417	25	Walworth.....	59	64	68	7.1	8,550	9,326	9,997	23
Greenville.....	2,501	2,802	2,946	5.1	8,654	9,598	10,004	2	Yankton.....	158	181	184	1.8	8,319	9,523	9,668	30
Greenwood.....	436	485	502	3.6	7,525	8,257	8,476	13	Ziebach.....	13	14	15	3.8	5,775	6,180</td		

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1980-82	1981	1982		1980	1981	1982	1980	1981	1982				
	1982			1982				1982			1982						
Franklin.....	197	224	238	6.4	6,143	6,981	7,328	45	Brazos.....	646	834	932	11.7	6,833	8,253	8,627	184
Gibson.....	307	353	370	4.9	6,227	7,192	7,559	38	Brewster.....	60	64	70	10.1	7,865	8,594	9,376	138
Giles.....	178	197	205	3.9	7,235	8,064	8,340	22	Briscoe.....	19	28	22	-20.4	7,185	11,069	8,866	172
Grainger.....	84	95	100	5.7	5,022	5,647	5,901	82	Brooks.....	46	58	64	10.0	5,446	6,791	7,319	226
Greene.....	340	382	417	9.1	6,246	6,932	7,599	37	Brown.....	254	305	322	5.8	7,650	8,982	9,326	144
Grundy.....	65	73	76	3.2	4,681	5,288	5,358	88	Burleson.....	81	118	122	3.4	6,546	8,751	8,420	193
Hamblen.....	313	346	366	5.8	6,352	6,949	7,214	48	Burnet.....	158	189	214	13.0	8,801	10,148	11,017	70
Hamilton.....	2,555	2,817	2,931	4.0	8,880	9,690	10,200	4	Caldwell.....	160	187	198	5.7	6,723	7,625	7,980	208
Hancock.....	28	33	34	3.5	4,046	4,768	5,040	92	Calhoun.....	179	209	211	.9	9,093	10,244	9,945	112
Hardeman.....	132	151	155	2.3	5,532	6,400	6,604	63	Callahan.....	84	106	109	3.1	7,548	9,421	9,150	154
Hardin.....	133	147	148	-.6	5,928	6,536	6,566	65	Cameron.....	1,169	1,370	1,444	5.5	5,541	6,279	6,394	245
Hawkins.....	245	283	278	-1.8	5,574	6,346	6,257	70	Camp.....	84	107	104	-2.7	8,982	11,190	10,626	84
Haywood.....	112	125	122	-2.6	5,524	6,174	6,003	75	Carson.....	75	84	95	12.5	11,166	12,144	13,093	13
Henderson.....	119	139	145	4.5	5,557	6,473	6,738	59	Cass.....	202	234	242	3.4	6,815	7,829	7,941	211
Henry.....	207	233	239	2.6	7,228	8,052	8,191	26	Castro.....	61	68	64	-6.2	5,796	6,473	6,113	247
Hickman.....	92	102	107	5.1	6,040	6,649	7,020	52	Chambers.....	154	182	185	1.7	8,175	10,183	10,122	100
Houston.....	43	48	49	1.4	6,252	6,858	6,895	58	Cherokee.....	328	373	416	11.5	8,528	9,693	10,653	83
Humphreys.....	112	127	125	-2.3	7,021	7,920	7,680	34	Childress.....	52	60	59	-.1	7,504	8,527	8,469	188
Jackson.....	41	46	48	3.4	4,333	4,972	5,148	90	Clay.....	82	104	108	4.6	8,445	10,944	11,275	62
Jefferson.....	200	221	242	9.5	6,399	6,928	7,466	40	Cochran.....	22	41	44	6.2	4,571	8,539	9,032	162
Johnson.....	80	89	89	.8	5,793	6,392	6,404	68	Coke.....	24	30	33	10.8	7,510	9,155	9,947	111
Knox.....	2,702	3,029	3,232	6.7	8,446	9,374	9,867	7	Coleman.....	79	90	97	7.8	7,600	8,573	9,179	152
Lake.....	40	46	46	-1.0	5,380	6,212	5,930	77	Collin.....	1,412	1,697	1,928	13.6	9,596	11,011	11,685	41
Lauderdale.....	134	155	157	1.7	5,457	6,392	6,446	67	Collingsworth.....	31	35	32	-8.3	6,699	7,802	7,211	228
Lawrence.....	235	248	253	1.7	6,895	7,274	7,431	42	Colorado.....	169	199	207	4.2	8,888	10,333	10,493	90
Lewis.....	45	50	52	4.0	4,688	4,987	5,111	91	Comal.....	343	412	454	10.2	9,334	10,871	11,477	48
Lincoln.....	164	179	182	1.9	6,213	6,832	7,001	55	Comanche.....	92	114	117	3.2	7,299	9,083	9,216	149
Loudon.....	202	230	259	12.6	7,079	7,898	8,592	16	Concho.....	17	24	24	1.5	5,891	8,208	8,430	191
McMinn.....	271	305	319	4.6	6,463	7,218	7,526	39	Cooke.....	258	304	321	5.6	9,231	10,905	11,255	64
McNairy.....	130	146	147	-.7	5,763	6,400	6,398	69	Coryell.....	311	356	411	15.5	5,505	6,231	7,044	234
Macon.....	99	114	113	-1.3	6,296	7,136	7,019	53	Cottle.....	21	27	27	-.3	7,255	9,389	9,385	137
Madison.....	557	614	634	3.3	7,459	8,126	8,478	18	Crane.....	47	58	63	10.2	10,150	11,752	12,526	16
Marion.....	158	177	180	1.6	6,493	7,184	7,312	46	Dimmit.....	54	69	68	-1.4	4,720	5,797	5,676	250
Marshall.....	145	158	169	6.7	7,328	8,017	8,553	17	Donley.....	40	38	38	-.6	9,697	9,130	9,102	160
Maury.....	378	419	447	6.6	4,344	4,810	5,036	93	Duval.....	80	93	78	22.9	12,221	9,633	11,921	31
Meigs.....	46	50	53	5.7	6,077	6,783	7,147	49	Dallas.....	18,987	21,932	24,087	9.8	12,142	13,729	14,701	8
Monroe.....	144	163	173	6.2	5,014	5,647	5,916	79	Dawson.....	121	158	153	-3.2	7,522	9,765	9,306	145
Montgomery.....	575	655	699	6.7	6,884	7,674	7,836	30	Deaf Smith.....	188	158	162	2.5	8,860	8,481	8,001	207
Moore.....	28	34	38	12.6	6,231	7,424	8,335	23	Delta.....	32	40	42	4.6	6,694	8,311	8,795	174
Morgan.....	72	82	86	4.8	4,344	4,810	5,036	93	Dallam.....	48	59	62	6.3	6,897	8,307	8,672	179
Obion.....	253	285	289	1.4	7,753	8,672	8,808	12	Denton.....	1,271	1,503	1,659	10.4	8,737	9,748	10,010	108
Overton.....	86	97	103	5.9	4,918	5,557	5,914	80	De Witt.....	149	181	194	6.9	7,856	9,433	9,849	117
Perry.....	34	41	41	-.6	5,525	6,604	6,569	64	Dickens.....	23	26	24	-6.8	6,508	7,356	7,121	231
Pickett.....	17	23	24	3.4	3,970	5,329	5,416	87	Dimmit.....	54	69	68	-1.4	4,720	5,797	5,676	250
Polk.....	84	93	96	2.3	6,137	6,841	7,054	51	Donley.....	40	38	38	-.6	7,057	8,963	8,707	227
Putnam.....	298	339	363	7.2	6,220	6,977	7,377	43	Duval.....	82	92	99	7.2	6,515	7,339	7,691	218
Rhea.....	182	198	222	12.0	7,455	8,164	9,121	8	Eastland.....	145	170	179	5.0	7,404	8,758	8,758	176
Roane.....	277	311	340	9.4	5,706	6,407	6,943	56	Ector.....	1,199	1,539	1,665	8.2	10,314	12,399	12,354	19
Robertson.....	254	290	305	5.2	6,884	7,767	8,147	27	Edwards.....	20	21	23	6.9	9,720	10,308	10,963	72
Rutherford.....	618	727	792	8.9	7,305	8,410	8,822	11	Ellis.....	498	596	638	7.1	8,260	9,674	10,106	101
Scott.....	97	109	112	2.3	5,054	5,559	5,629	85	El Paso.....	3,203	3,704	3,958	6.9	6,642	7,474	7,832	214
Squatchie.....	45	50	52	3.6	5,246	5,768	5,926	78	Erath.....	182	214	228	6.2	7,976	9,364	9,697	125
Sevier.....	274	313	339	8.3	6,574	7,364	7,758	32	Falls.....	119	157	153	-2.3	6,587	8,701	8,444	190
Shelby.....	7,072	7,760	8,165	5.2	9,095	9,931	10,413	3	Fannin.....	166	197	207	4.8	8,604	8,141	8,539	187
Smith.....	87	99	104	5.7	5,828	6,625	7,105	50	Fayette.....	168	206	222	7.4	8,824	10,513	10,789	79
Stewart.....	53	63	63	-.2	6,131	7,316	7,226	47	Fisher.....	43	61	46	-24.2	7,378	10,450	9,798	209
Sullivan.....	1,220	1,390	1,456	4.8	8,474	9,598	10,002	5	Floyd.....	74	101	94	-7.6	7,510	10,450	9,817	119
Summer.....	610	702	744	6.0	7,100	8,044	8,406	19	Foard.....	18	21	19	6.2	8,514	9,890	9,296	146
Tipton.....	202	229	238	4.3	6,180	6,775	7,004	54	Fort Bend.....	1,237	1,498	1,613	7.7	9,225	10,446	10,099	102
Troupsdale.....	46	52	50	-3.9	7,378	8,444	8,375	21	Franklin.....	48	59	62	6.3	6,897	8,307	8,672	179
Unicoi.....	111	127	130	1.8	6,771	7,702	7,820	31	Freestone.....	113	132	147	11.3	7,549	8,597	9,212	150
Union.....	59	67	69	3.0	5,066	5,668	5,755	83	Frio.....	65	85	84	-1.2	4,712	6,133	5,9	

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1981-82	1980	1981	1982	1980	1981	1982	1980	1981	1982				
Hudspeth	21	31	23	-27.1	7,730	11,012	8,186	200	Shelby	155	183	177	-3.6	6,692	7,866	7,523	223
Hunt	459	542	596	10.1	8,266	9,448	10,062	104	Sherman	36	44	36	-17.8	11,311	13,794	11,544	44
Hutchinson	290	357	403	13.0	10,938	12,973	13,846	10	Smith	1,227	1,453	1,607	10.6	9,485	11,022	11,761	36
Iron	12	15	16	9.9	8,251	10,433	10,887	75	Somervell	39	45	52	14.3	9,158	11,572	12,129	28
Jack	65	81	88	8.6	8,745	10,697	11,121	67	Starr	102	120	132	10.2	3,689	4,171	4,389	253
Jackson	117	138	141	2.1	8,718	10,205	10,241	95	Stephens	87	106	118	11.2	8,654	10,326	10,928	73
Jasper	247	278	285	2.3	7,954	8,980	9,025	164	Sterling	11	15	16	11.5	9,351	11,599	11,606	42
Jeff Davis	12	13	13	-1.6	7,477	8,070	8,145	202	Stonewall	21	24	25	2.6	8,609	10,092	10,034	106
Jefferson	2,689	3,117	3,259	4.5	10,693	12,197	12,516	17	Sutton	52	62	67	9.4	9,992	11,406	11,734	38
Jim Hogg	41	49	53	7.7	7,914	9,256	9,661	128	Swisher	92	113	85	-24.9	9,553	11,896	9,124	158
Jim Wells	233	348	354	1.5	7,703	9,326	9,103	159	Tarrant	9,068	10,475	11,337	8.2	10,452	11,734	12,188	26
Johnson	606	709	752	6.1	8,878	10,083	10,217	96	Taylor	1,092	1,303	1,361	4.4	9,803	11,462	11,522	45
Jones	134	176	170	-3.5	7,740	10,119	9,524	132	Terrell	16	20	20	9.5	10,295	11,134	12,198	25
Karnes	104	117	125	6.7	7,611	8,643	9,027	163	Terry	114	160	142	-10.9	7,793	10,732	9,375	139
Kaufman	343	400	444	11.1	8,716	9,867	10,484	91	Throckmorton	18	26	28	5.8	8,949	12,108	12,421	18
Kendall	117	137	150	9.8	10,849	12,367	12,937	14	Titus	204	243	260	6.8	9,445	11,160	11,491	47
Kenedy	6	7	9	19.2	11,974	12,296	16,173	5	Tom Green	785	956	1,050	9.8	9,199	10,898	11,545	43
Kent	7	11	9	-13.3	6,597	9,703	8,290	195	Travis	4,090	4,838	5,399	11.6	9,667	11,138	11,919	32
Kerr	283	333	365	9.8	7,923	11,111	11,833	34	Trinity	63	75	84	11.9	6,615	7,733	8,244	198
Kimble	30	33	38	16.1	7,341	8,311	9,574	130	Tyler	114	131	144	9.9	7,003	7,923	8,428	192
King	6	6	6	-6.2	14,236	16,388	15,334	6	Upshur	194	235	252	7.2	6,747	7,882	7,918	212
Kinney	15	18	18	-2	6,510	7,617	7,636	219	Upton	44	56	58	4.5	9,597	11,674	11,329	56
Kleberg	239	291	309	6.1	7,170	8,597	8,958	168	Val Verde	145	168	187	11.1	6,456	7,394	8,118	204
Knox	45	68	58	-13.9	8,495	12,691	10,616	85	Van Zandt	213	239	262	9.8	5,876	6,479	6,919	238
Lamar	315	363	381	5.1	7,439	8,536	8,962	167	Victoria	665	815	872	7.1	9,584	11,380	11,723	39
Lamb	145	164	162	-1.2	7,738	8,750	8,709	177	Walker	257	310	362	16.8	6,094	7,005	7,753	217
Lampasas	88	101	116	14.7	7,449	8,503	9,562	131	Waller	143	175	187	7.0	7,161	8,399	8,630	183
La Salle	28	38	39	2.9	5,044	6,782	6,804	240	Ward	130	166	178	7.0	9,182	11,466	11,342	54
Lavaca	148	169	178	4.8	7,769	8,763	8,989	166	Washington	213	263	286	8.9	9,637	11,411	11,818	35
Lee	92	123	127	3.4	8,283	10,294	9,786	120	Webb	541	642	670	4.3	5,415	6,170	6,174	246
Leon	76	93	105	12.9	7,845	9,310	9,902	115	Wharton	315	390	394	2.9	7,779	9,578	9,490	134
Liberty	426	516	545	5.7	8,971	10,492	10,502	88	Wheeler	70	72	84	16.7	9,784	9,957	10,667	82
Limestone	138	166	179	7.5	6,801	8,081	8,543	186	Wichita	1,221	1,444	1,538	6.5	10,099	11,627	12,099	29
Lipscomb	34	39	50	27.6	8,950	10,044	11,749	37	Wilbarger	134	167	171	2.2	8,886	10,481	10,613	86
Live Oak	73	90	91	1.5	7,400	9,024	9,168	158	Willacy	83	102	89	-12.6	4,750	5,736	4,982	252
McLennan	95	112	118	5.7	9,298	10,945	11,110	68	Williamson	612	740	813	9.9	7,841	9,059	9,366	140
McMullen	10	10	12	27.4	12,203	12,482	15,321	7	Wilson	89	109	110	1.3	5,228	6,453	6,398	244
Madison	73	80	95	18.6	6,757	7,334	8,288	196	Winkler	93	116	129	10.7	9,326	11,182	11,428	50
Marion	58	69	77	11.2	5,560	6,670	7,116	232	Wise	206	260	276	6.1	7,687	9,514	9,685	127
Martin	38	92	83	-9.9	8,021	19,262	16,224	4	Zavala	55	77	59	-22.6	4,704	6,532	4,994	251
Mason	29	33	28	-12.5	7,902	8,870	7,794	215	Utah	11,271	12,856	13,790	7.3	7,656	8,458	8,820	.....
Matagorda	325	356	335	-5.7	8,467	9,348	9,086	161	Metropolitan portion	8,943	10,147	10,900	7.4	7,868	8,648	9,072	.....
Maverick	123	131	133	1.2	3,878	3,928	3,867	254	Nonmetropolitan portion	2,328	2,709	2,890	6.7	6,940	7,812	7,984	.....
Medina	157	187	201	7.4	6,782	7,989	8,461	189	Beaver	28	31	31	1.8	6,273	6,791	6,582	22
Menard	21	19	24	23.0	8,987	8,160	10,267	94	Bosque	264	309	329	6.5	7,911	8,981	9,396	5
Midland	1,150	1,455	1,655	13.7	13,781	16,250	16,592	3	Cache	367	422	443	4.8	6,381	7,063	7,152	17
Milam	195	223	229	2.6	8,509	9,777	9,924	114	Carbon	200	233	264	13.1	8,963	10,212	10,899	1
Mills	42	45	45	-0.4	9,277	10,114	9,983	109	Daggett	6	6	6	-3.9	7,270	7,172	6,888	19
Mitchell	71	92	86	-7.1	7,782	10,066	9,196	151	Davis	1,139	1,297	1,401	8.0	7,689	8,454	8,805	10
Montague	143	172	177	2.8	8,195	9,774	9,719	122	Duchesne	94	111	117	6.0	7,541	8,477	8,395	13
Montgomery	1,259	1,581	1,824	9.4	9,616	11,320	11,300	58	Emery	79	98	119	21.5	6,728	8,033	8,853	8
Moore	148	180	194	7.7	8,853	10,630	11,218	65	Garfield	26	28	29	3.0	7,046	7,150	7,240	16
Morris	150	181	175	-2.9	10,184	12,012	11,308	57	Grand	71	76	72	-5.3	8,543	9,075	8,843	9
Motley	14	16	14	-15.4	7,808	8,459	6,922	237	Iron	109	119	125	4.5	6,232	6,650	6,718	20
Nacogdoches	330	396	420	6.0	7,013	8,301	8,655	180	Juab	33	40	37	-7.9	5,925	6,995	6,378	25
Navarro	295	349	365	4.5	8,805	9,607	9,856	116	Kane	29	31	32	5.2	7,100	7,451	7,571	15
Newton	76	86	90	4.5	5,685	6,269	6,562	242	Millard	51	61	65	7.7	5,689	6,384	6,259	26
Nolan	163	184	192	4.5	9,366	10,471	10,720	81	Morgan	39	44	47	6.0	7,849	8,844	9,249	7
Nueces	2,427	2,876	3,085	7.3	9,020	10,451	10,830	76	Piute	8	10	9	-2.9	6,306	7,237	6,985	18
Ochiltree	101	126	134	6.2	10,412	12,442	12,205	24	Rich	10	12	14	10.8	6,687	5,537	5,384	29
Oldham	16	19	17	-11.7	6,914	8,415	7,538	221	Salt Lake	5,300	6,008	6,495	8.1	8,501	9,328	9,844	2
Orange	782	898	902	.5	9,285	10,426	11,332	55	San Juan	60	68	67	-2.4	4,849	5,462	5,536	28
Palo Pinto	200	239	253	5.7	8,257	9,689	9,963</										

Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued

Area title	Total personal income			Per capita personal income			Area title	Total personal income			Per capita personal income						
	Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars		Percent change <sup>1</sup>	Dollars		Rank in State				
	1980	1981	1982	1981-82	1980	1981	1982	1980	1981	1982	1980	1981	1982				
							1982						1982				
Washington .....	432	491	529	7.9	8,241	9,288	9,987	2	Sussex.....	72	87	88	1.9	6,668	8,136	8,391	84
Windham .....	290	332	359	8.1	7,855	8,918	9,567	6	Tazewell.....	405	441	466	5.6	8,001	8,642	9,039	66
Windsor.....	430	490	512	4.5	8,433	9,498	9,896	4	Warren.....	156	169	178	5.6	7,321	7,787	8,327	86
Virginia .....	49,892	56,396	60,576	7.4	9,305	10,385	11,056		Washington .....	305	346	358	3.5	6,528	7,371	7,622	102
Metropolitan portion .....	38,496	43,626	47,187	8.2	10,245	11,410	12,194		Westmoreland.....	89	105	109	4.5	6,288	7,433	7,801	94
Nonmetropolitan portion .....	11,396	12,771	13,389	4.8	7,104	7,946	8,318		Wise.....	356	387	421	8.7	8,121	8,794	9,460	54
Accomack .....	216	252	261	3.6	6,894	8,120	8,401	83	Wythe.....	170	188	191	1.6	6,637	7,316	7,436	111
Albermarle .....	470	538	574	7.6	8,370	9,431	9,988	46	York.....	306	356	389	9.1	8,563	9,793	10,557	30
Alleghany .....	94	97	102	4.3	6,562	6,866	7,347	112	Independent cities:								
Amelia .....	52	60	59	-4	6,165	7,204	7,204	115	Alexandria.....	1,623	1,824	1,970	8.0	15,753	17,348	18,896	2
Amherst .....	191	212	220	4.1	6,532	7,269	7,582	104	Bedford.....	57	62	66	6.0	9,520	10,036	10,525	31
Appomattox .....	81	90	92	1.9	6,749	7,531	7,649	101	Bristol.....	145	161	171	6.2	7,618	8,607	9,110	60
Arlington .....	2,373	2,669	2,868	7.5	15,558	17,449	18,765	3	Buena Vista.....	43	47	50	7.2	6,401	7,070	7,615	103
Augusta .....	396	430	444	3.2	7,355	7,949	8,261	87	Charlottesville.....	381	427	464	8.4	9,543	10,610	11,503	17
Bath .....	42	46	50	7.6	7,119	8,612	9,580	53	Chesapeake.....	964	1,093	1,176	7.5	8,423	9,351	9,817	51
Bedford .....	274	302	314	4.1	7,775	8,442	8,666	76	Clifton Forge.....	45	47	48	8.2	8,938	9,484	9,931	48
Bland .....	33	38	39	5.2	5,167	5,761	6,105	133	Colonial Heights.....	187	211	226	6.9	11,409	12,558	13,194	7
Botetourt .....	187	208	213	2.3	7,999	8,823	9,070	64	Covington.....	82	87	90	3.2	9,082	10,038	10,725	26
Brunswick .....	85	100	101	1.1	5,450	6,445	6,457	130	Danville.....	388	428	444	3.8	8,499	9,425	9,905	50
Buchanan .....	290	323	337	4.4	7,650	8,502	8,830	72	Emporia.....	43	48	50	4.1	8,953	9,792	10,245	41
Buckingham .....	61	68	71	3.5	5,208	5,814	6,137	132	Fairfax.....	309	345	369	7.0	14,976	16,670	18,041	4
Campbell .....	350	393	408	3.8	7,688	8,591	8,890	70	Falls Church.....	159	174	186	16.552	18,313	19,909	1	1
Caroline .....	125	141	149	5.7	6,995	7,897	8,192	89	Franklin.....	71	79	83	6.0	9,708	11,088	12,003	13
Carroll .....	145	160	165	3.0	5,290	5,887	5,895	136	Fredericksburg.....	155	172	185	7.6	10,184	11,098	11,935	14
Charles City .....	47	54	57	5.9	7,004	8,021	8,506	80	Galax.....	56	63	67	5.0	8,554	9,590	10,262	40
Charlotte .....	70	82	82	-6	5,750	6,792	6,790	125	Hampton.....	1,047	1,183	1,297	9.6	8,562	9,569	10,381	36
Chesterfield .....	1,554	1,747	1,880	7.6	10,824	11,753	12,349	12	Harrisonburg.....	159	178	219	22.7	8,053	8,728	8,819	78
Clarke .....	91	99	106	7.8	9,070	9,982	10,659	29	Hopewell.....	207	230	245	6.4	8,869	9,687	10,221	43
Craig .....	27	29	30	3.8	6,682	7,581	7,769	96	Lexington.....	53	58	64	10.4	7,348	8,197	9,071	63
Culpeper .....	175	193	202	4.3	7,718	8,485	8,864	71	Lynchburg.....	594	658	699	6.2	8,895	9,797	10,386	35
Cumberland .....	40	45	46	3.0	5,080	5,709	5,938	135	Manassas.....	175	199	222	11.4	11,187	12,069	12,953	10
Dickenson .....	129	142	152	7.2	6,510	7,142	7,561	106	Manassas Park.....	52	58	62	7.6	8,053	8,702	9,408	56
Dinwiddie .....	158	182	187	2.9	6,945	8,121	8,524	79	Martinsville.....	169	187	197	5.2	9,327	10,269	10,845	23
Essex .....	53	64	67	4.6	6,010	7,280	7,651	100	Newport News.....	1,279	1,451	1,579	8.8	8,857	9,818	10,442	33
Fairfax .....	8,119	9,237	10,152	9.9	13,511	14,932	15,917	5	Norfolk.....	2,164	2,481	2,743	10.5	8,142	9,098	10,277	38
Fauquier .....	315	359	387	7.7	8,724	9,810	10,332	37	Petersburg.....	45	48	50	5.7	9,386	10,346	10,885	22
Floyd .....	64	71	74	4.5	5,545	5,992	6,315	131	Poquoson.....	84	97	108	10.7	9,528	10,632	11,354	19
Fluvanna .....	68	78	82	6.1	6,587	7,490	7,962	91	Portsmouth.....	866	976	1,054	8.0	8,288	9,346	9,958	47
Franklin .....	218	243	250	2.8	6,079	6,763	6,951	121	Radford.....	93	102	110	7.4	6,901	7,582	8,345	35
Frederick .....	259	288	305	5.9	7,513	8,389	8,753	74	Richmond.....	2,277	2,560	2,756	7.7	10,383	11,734	12,681	11
Giles .....	123	138	143	3.4	6,914	7,766	8,061	90	Roanoke.....	890	975	1,029	5.6	8,885	9,734	10,275	39
Gloucester .....	161	191	207	8.3	7,931	9,093	9,401	57	Salem.....	221	246	264	7.5	9,217	10,281	11,007	21
Goochland .....	106	119	126	6.0	8,998	10,027	10,436	34	South Boston.....	57	63	67	6.0	8,051	8,946	9,454	55
Grayson .....	95	105	108	3.0	5,737	6,282	6,470	129	Staunton.....	201	222	226	5.9	9,213	10,177	10,688	27
Greene .....	51	57	61	6.6	6,584	7,309	7,571	105	Suffolk.....	360	406	428	5.5	7,641	8,589	9,008	67
Greenville .....	54	65	65	.7	4,908	5,898	6,038	134	Virginia Beach.....	2,589	2,977	3,246	9.0	9,653	10,881	11,457	18
Halifax .....	172	209	206	-1.8	5,654	6,922	6,870	123	Waynesboro.....	147	163	170	4.3	9,645	10,708	11,235	20
Hanover .....	495	561	599	6.7	9,816	10,985	11,706	15	Williamsburg.....	111	130	143	10.0	11,291	12,867	14,281	6
Henrico .....	2,000	2,246	2,409	7.2	11,036	12,208	12,964	8	Winchester.....	184	204	217	6.5	9,152	10,017	10,686	28
Henry .....	423	470	490	4.3	7,315	8,225	8,679	75	Washington.....	42,300	47,127	49,111	4.2	10,198	11,117	11,466	.....
Highland .....	19	17	20	13.9	6,456	6,231	7,303	113	Metropolitan portion.....	34,913	38,902	40,611	4.4	10,466	11,336	11,748	.....
Isle of Wight .....	173	198	206	4.2	7,979	8,987	9,329	58	Nonmetropolitan portion.....	7,387	8,224	8,500	3.4	9,097	10,000	10,287	.....
James City .....	189	216	235	8.7	8,246	9,114	9,663	52	Adams.....	133	155	158	-1.3	10,108	11,737	11,528	8
King and Queen .....	39	46	48	3.4	6,583	7,818	8,193	88	Aston.....	139	153	155	1.5	8,246	8,996	9,082	33
King George .....	91	104	112	8.0	8,547	9,738	10,451	32	Benton.....	1,157	1,385	1,402	1.2	10,440	12,253	11,988	5
King William .....	80	94	98	4.4	8,479	9,825	10,172	44	Chelan.....	458	500	533	6.6	10,173	10,887	11,469	9
Lancaster .....	89	104	112	7.7	8,820	10,198	10,813	24	Clallam.....	485	528	546	3.2	9,826	10,146	10,586	14
Lee .....	153	171	178	4.0	5,879	6,540	6,761	126	Columbia.....	1,834	2,009	2,057	2.0	9,477	10,201	10,274	19
Loudoun .....	640	710	767	8.0	11,078	12,186	12,962	9	Cowpult.....	51	58	57	-2.0	12,511	14,416	14,136	3
Louisa .....	127	147	160	8.6	7,138	8,199	8,780	73	Douglas.....	782	835	837	.2	9,798	10,447	10,535	16
Lunenburg .....	70	82	80	-2.7	5,747	6,705	6,568	128	Ferry.....	181	198	206	4.3	8,186	8,761	9,011	34
Madison .....	61	68															

**Table 2.—Total Personal Income and Per Capita Personal Income by County for Selected Years—Continued**

Area title	Total personal income				Per capita personal income			Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change <sup>1</sup>	Dollars		Rank in State		Millions of dollars			Percent change <sup>1</sup>	Dollars		Rank in State	
	1980	1981	1982	1981-82	1980	1981	1982		1980	1981	1982	1981-82	1980	1981	1982	
							1982								1982	
West Virginia.....	<b>14,949</b>	<b>16,229</b>	<b>17,142</b>	<b>5.6</b>	<b>7,664</b>	<b>8,306</b>	<b>8,758</b>	Fond du Lac.....	777	859	903	5.1	8,694	9,629	10,081	19
Metropolitan portion.....	<b>6,341</b>	<b>6,890</b>	<b>7,169</b>	<b>4.1</b>	<b>8,829</b>	<b>9,597</b>	<b>10,020</b>	Forest.....	50	56	58	4.6	5,460	6,014	6,368	70
Nonmetropolitan portion.....	<b>8,608</b>	<b>9,340</b>	<b>9,972</b>	<b>6.8</b>	<b>6,986</b>	<b>7,556</b>	<b>8,030</b>	Grant.....	415	447	459	2.8	7,969	8,586	8,839	38
Barbour.....	112	122	130	7.0	6,727	7,301	7,846	Green.....	292	318	332	4.4	9,674	10,621	11,038	9
Berkeley.....	356	396	423	7.0	7,565	8,288	8,697	Green Lake.....	165	183	190	3.8	8,950	9,835	10,008	21
Boone.....	225	236	271	14.8	7,392	7,754	8,840	Iowa.....	151	163	169	3.8	7,569	8,152	8,306	51
Braxton.....	75	86	96	11.4	5,368	6,022	6,636	Iron.....	45	49	51	2.6	6,613	7,410	7,717	61
Brooke.....	262	285	280	-1.9	8,401	9,104	9,080	Jackson.....	126	135	142	4.9	7,443	7,859	8,414	46
Cabell.....	940	1,004	1,043	3.8	8,806	9,371	9,832	Jefferson.....	596	655	685	4.6	8,958	9,867	10,272	16
Calhoun.....	43	46	49	6.0	5,254	5,596	5,821	Juneau.....	158	177	185	4.3	7,438	8,371	8,714	41
Clay.....	57	62	68	10.6	4,995	5,454	6,007	Kenosha.....	1,258	1,348	1,381	2.4	10,192	10,988	11,340	5
Doddridge.....	38	41	42	2.5	5,166	5,401	5,582	Keweenaw.....	159	174	183	4.8	8,111	8,885	9,150	31
Fayette.....	388	425	450	6.1	6,715	7,384	7,850	La Crosse.....	808	900	951	5.7	8,840	9,763	10,198	17
Gilmer.....	47	55	59	7.1	5,583	6,355	6,763	Lafayette.....	146	158	162	2.5	8,346	9,133	9,314	28
Grant.....	63	67	73	9.5	6,192	6,460	6,990	Langlade.....	140	160	169	6.1	6,974	7,970	8,439	44
Greenbrier.....	247	265	286	7.8	6,540	7,100	7,754	Lincoln.....	197	213	224	5.0	7,430	7,906	8,349	49
Hampshire.....	83	91	96	5.5	5,544	6,028	6,205	Manitowoc.....	727	807	840	4.2	8,724	9,686	10,053	20
Hancock.....	408	445	431	-3.0	10,065	11,034	10,756	Marathon.....	923	1,011	1,053	4.2	8,249	9,030	9,346	26
Hardy.....	57	61	63	4.3	5,686	6,000	6,208	Marquette.....	312	344	359	4.3	7,867	8,654	8,978	34
Harrison.....	620	678	725	6.8	7,989	8,715	9,303	Milwaukee.....	10,249	11,224	11,927	6.3	10,604	11,625	12,404	3
Jackson.....	208	227	226	-6	8,002	8,637	8,564	Monroe.....	288	306	318	3.9	8,131	8,657	8,874	37
Jefferson.....	220	243	258	6.3	7,191	7,882	8,334	Oconto.....	208	229	238	4.1	7,138	7,871	8,186	53
Kanawha.....	2,278	2,470	2,620	6.1	9,858	10,704	11,374	Oneida.....	249	275	290	5.5	7,924	8,753	9,185	30
Lewis.....	123	138	146	6.2	6,544	7,343	7,751	Outagamie.....	1,245	1,363	1,445	6.0	9,617	10,424	10,926	10
Lincoln.....	124	133	140	5.5	5,211	5,587	5,821	Ozaukee.....	819	880	919	4.4	12,183	13,129	13,657	1
Logan.....	378	394	433	9.7	7,479	7,794	8,505	Pepin.....	54	60	63	5.2	7,223	7,996	8,330	50
McDowell.....	358	368	382	3.7	7,221	7,536	7,863	Pierce.....	249	267	279	4.6	7,940	8,500	8,779	39
Marion.....	538	588	641	8.9	8,201	8,997	9,793	Polk.....	243	271	288	6.1	7,461	8,202	8,586	43
Marshall.....	307	338	353	4.3	7,364	8,208	8,607	Portage.....	447	491	524	6.9	7,735	8,630	9,233	29
Mason.....	187	200	200	-1	6,890	7,366	7,400	Price.....	113	128	137	7.2	7,107	7,923	8,410	47
Mercer.....	558	609	649	6.6	5,753	6,819	6,612	Racine.....	1,757	1,905	1,953	2.5	10,112	10,962	11,254	6
Mineral.....	172	189	196	3.7	6,295	6,854	7,099	Richland.....	128	138	144	3.9	7,251	7,845	8,129	56
Mingo.....	257	277	295	6.5	6,880	7,405	7,797	Rock.....	1,272	1,417	1,410	.5	9,091	10,143	10,134	18
Monongalia.....	557	615	682	10.9	7,416	8,086	8,810	Rusk.....	97	105	109	4.7	6,168	6,664	6,935	68
Monroe.....	74	79	82	3.7	5,745	6,144	6,340	St. Croix.....	353	384	407	5.9	7,958	8,704	9,137	32
Morgan.....	65	73	76	3.7	6,031	6,726	6,857	Sauk.....	358	399	423	6.1	8,188	9,143	9,502	25
Nicholas.....	203	221	236	6.7	7,215	7,819	8,294	Sawyer.....	81	90	96	6.2	6,239	6,823	6,995	67
Ohio.....	565	616	641	4.1	9,233	10,074	10,494	Sheboygan.....	985	1,084	1,129	4.1	7,924	10,718	11,044	8
Pendleton.....	38	41	43	5.4	4,770	5,203	5,532	Taylor.....	135	150	157	4.9	7,157	7,831	8,131	55
Pleasants.....	64	67	69	2.5	7,674	8,314	8,537	Trempealeau.....	192	211	221	4.7	7,321	8,052	8,398	48
Pocahontas.....	55	59	66	10.5	5,537	6,133	6,826	Vernon.....	188	207	215	3.8	7,323	7,998	8,153	54
Preston.....	197	216	233	8.1	6,448	7,014	7,539	Vilas.....	111	126	135	6.8	6,650	7,495	7,816	59
Putnam.....	293	320	340	6.0	7,610	8,318	8,724	Walworth.....	609	677	710	4.9	8,483	9,454	9,920	22
Raleigh.....	673	728	779	7.0	7,763	8,396	8,948	Washington.....	827	893	936	4.7	9,664	10,454	10,870	11
Randolph.....	192	209	223	6.4	6,677	7,212	7,645	Waukesha.....	3,312	3,637	3,832	5.4	11,709	12,896	13,524	2
Ritchie.....	68	76	.9	5,987	6,553	6,584	45	Waupaca.....	334	367	397	8.1	7,734	8,485	8,913	33
Roane.....	93	107	107	-1	5,823	6,712	6,640	Wausau.....	123	136	143	5.2	6,569	7,354	7,641	64
Summers.....	90	97	100	2.8	5,670	6,093	6,312	Winnebago.....	1,277	1,392	1,483	6.5	9,655	10,533	11,128	7
Taylor.....	100	110	121	9.9	6,020	6,650	7,288	Wood.....	653	716	770	7.5	8,893	9,613	10,276	15
Tucker.....	49	53	57	7.7	5,623	6,050	6,600	Shawano (incl. Menominee).....	287	316	330	4.3	7,263	7,982	8,240	52
Tyler.....	75	81	81	1.2	6,601	7,090	7,172	Wyoming.....	5,239	5,988	6,205	3.6	11,040	12,135	12,211	.....
Upshur.....	161	177	190	7.2	6,835	7,350	7,820	Metropolitan portion.....	1,029	1,191	1,196	.5	14,203	15,870	15,496	.....
Wayne.....	303	329	336	2.0	6,560	7,109	7,263	Nonmetropolitan portion.....	4,210	4,797	5,009	4.4	10,470	11,466	11,623	.....
Webster.....	60	62	65	5.0	4,919	5,124	5,492	Albany.....	257	292	309	5.8	8,839	9,888	10,266	16
Wetzel.....	170	180	182	1.2	7,789	8,211	8,332	Big Horn.....	102	113	116	3.1	8,562	8,973	9,048	22
Wirt.....	32	35	37	5.5	6,419	6,905	7,291	Campbell.....	290	381	424	11.1	11,672	13,295	13,214	4
Wood.....	813	893	930	4.2	8,673	9,537	9,968	Carbon.....	257	272	257	-5.4	11,558	11,948	11,402	11
Wyoming.....	232	244	264	8.2	6,460	6,847	7,352	Converse.....	157	173	165	-4.2	10,908	11,581	10,930	14
Wisconsin.....	44,184	48,478	51,033	5.3	9,344	10,238	10,725	Crook.....	57	68	71	4.8	10,760	12,458	12,592	7
Metropolitan portion.....	31,759	34,811	36,672	5.3	10,055	11,009	11,552	Fremont.....	370	392	389	-.8	9,089	9,952	10,228	18
Nonmetropolitan portion.....	12,425	13,667	14,361	5.1	7,914	8,688	9,067	Goshen.....	115	115	115	-.5	9,610	9,280	9,301	21
Adams.....	75	84	89	6.1	5,522	6,076	6,273	Hot Springs.....	57	63	67	6.4	9,770	10,787	11,048	12
Ashland.....	125	138	146	6.1	7,426	8,040	8,415	Johnson.....	64	74	78	6.0	9,518	1		

# Personal Income and Adjusted Gross Income, 1980-82

**T**HE reconciliation of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) by type of income for 1980-81 that appeared in the April 1983 SURVEY OF CURRENT BUSINESS is revised and extended to 1982 in this article. The revised data reflect the revision of personal income for 1980-82 released in July 1983 and the revision of AGI for 1981 by IRS.

In addition, they reflect a revision in an intercomponent reallocation item and the introduction of a new intercomponent reallocation item. These items—interest distributed by regulated investment companies and disability income payments—are in lines 20 and 21, respectively, in each of the tables.

The need for the revision to the reallocation item arises because interest distributed by all regulated invest-

ment companies, not only money market mutual funds, is to be reported as dividends on tax returns, but is treated as interest in personal income.<sup>1</sup> Previously, only interest dis-

1. Although IRS instructs taxpayers to report payments from regulated investment companies as dividends on tax returns, some may have reported the payments as interest. To the extent that such payments are misreported as interest on tax returns, the interest income gap is understated and the dividend income gap overstated.

**Table 1.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1980**

[Billions of dollars]

Line		Personal income										Income not included in personal income	
		Total	Wages and salaries	Proprietors' income <sup>1</sup>		Personal dividend income	Rental income of persons <sup>2</sup>	Personal interest income	Taxable pensions	Taxable unem- ployment compen- sation	Other personal income		
				Farm	Nonfarm								
1	Personal income .....	2,165.3	1,356.7	21.8	95.6	56.8	31.5	266.0	\$ 32.0	2.8	* 302.1	0	
2	Less: Portion of personal income not included in adjusted gross income, total.	558.9	10.5	1.8	5.5	8.1	11.7	103.5	0	0	389.2	* 28.6	
3	Transfer payments except taxable military retirement and taxable government pensions.	262.8	0	0	0	0	0	0	0	0	262.8	0	
4	Other labor income except fees .....	126.1	0	0	0	0	0	0	0	0	126.1	0	
5	Imputed income in personal income .....	57.2	5.9	3.9	1.1	0	8.5	37.8	0	0	0	0	
6	Investment income retained by life insurance carriers and noninsured pension funds.	44.5	0	0	0	0	0	44.5	0	0	0	0	
7	Investment income received by nonprofit institutions or retained by fiduciaries.	19.7	0	0	.3	5.9	.5	12.8	0	0	.2	0	
8	Differences in accounting treatment between NIPA's and tax regulations, net.	8.9	0	-2.1	4.1	.5	2.8	3.5	0	0	0	0	
9	Other personal income exempt or excluded from adjusted gross income .....	39.7	4.6	0	0	1.6	0	4.9	0	0	0	28.6	
10	Plus: Portion of adjusted gross income not included in personal income, total.	158.6	4.0	0	.8	0	1.0	0	29.3	0	88.7	* 34.9	
11	Personal contributions for social insurance .....	88.7	0	0	0	0	0	0	0	0	88.7	0	
12	Net gain from sale of assets .....	29.7	0	0	0	0	0	0	0	0	0	29.7	
13	Taxable private pensions <sup>c</sup> .....	29.1	0	0	0	0	0	0	29.1	0	0	0	
14	Small business corporation income .....	.7	0	0	0	0	0	0	0	0	0	.7	
15	Other type of income .....	10.5	4.0	0	.8	0	1.0	0	.2	0	0	4.5	
16	Plus: Intercomponent reallocation, total .....	0	3.4	(*)	3.0	8.6	0	-11.7	-1.5	0	-1.7	0	
17	Fees in other labor income .....	0	1.9	0	0	0	0	0	0	0	-1.9	0	
18	Fiduciaries' share of partnership income .....	0	0	-(*)	-.2	0	0	0	0	0	.2	0	
19	Interest received by nonfarm proprietors .....	0	0	0	3.1	0	0	-3.1	0	0	0	0	
20	Interest distributed by regulated investment companies .....	0	0	0	0	8.6	0	-8.6	0	0	0	0	
21	Disability income payments .....	0	1.5	0	0	0	0	0	-1.5	0	0	0	
22	Equals: BEA-derived adjusted gross income .....	1,765.1	1,353.6	19.9	93.8	57.3	20.9	150.7	59.7	2.8	0	6.3	
23	Adjusted gross income of IRS (reallocated) .....	1,613.7	1,349.8	-1.3	64.5	38.8	4.5	105.8	43.3	2.1	0	6.3	
24	Adjusted gross income (AGI) gap .....	151.3	3.7	21.2	29.4	18.6	16.4	44.9	16.4	.7	0	0	
25	Percent distribution of AGI gap .....	100.0	2.5	14.0	19.4	12.3	10.8	29.7	10.8	.5	.....	.....	
26	AGI gap as a percentage of BEA-derived AGI .....	8.6	.3	106.5	31.3	32.4	78.6	29.8	27.4	24.9	.....	.....	
27	AGI of IRS as a percentage of BEA-derived AGI .....	91.4	99.7	-6.5	68.7	67.6	21.4	70.2	72.6	75.1	.....	.....	

See footnotes at the end of table 3.

tributed by money market mutual funds was reallocated (and the name of the reallocation item in the tables in the April 1983 SURVEY reflected that coverage). The amount shown in line 20 excludes interest that is tax-exempt, such as interest received from State and municipal bonds. Tax-exempt interest distributions are included in line 9.

The need for the new reallocation item arises because some disability income payments are reported as wages on tax returns, but are included as pensions in personal income. The Tax Reform Act of 1976 provided a disability income exclusion, under which a taxpayer who retires before age 65 on disability is entitled to exclude from gross income limited amounts of disability payments if the

payments are reported as wages. (A disabled person is not permitted the exclusion for the tax year in which he attains age 65 or any subsequent years, and must report the payments as pensions.)

The AGI gap as a percentage of the BEA-derived AGI was revised up for 1980 and 1981, reflecting upward revisions in the gaps for wages and salaries, for farm proprietors' income, and for personal dividend income. The AGI gap as a percentage of the BEA-derived AGI now continues to increase through 1981, continuing the upward trend that began in 1977. This trend is reversed in 1982, reflecting a negative wages and salaries gap and a significant—17 percentage points—decline in the interest income gap.

The size and changes in the gaps for 1982 should be interpreted with caution, because IRS data on AGI and its sources reported in *Statistics of Income Bulletin* are preliminary. A revision in either AGI or in personal income, which is subject to revision in July 1984 for 1981–83, could alter the gaps. For wages and salaries, it could turn positive again; this was the case for 1981. The significant decline in the interest income gap in 1982 may be partly traceable to the Tax Equity and Fiscal Responsibility Act of 1982, which attempted to improve third-party information reporting of certain kinds of income, such as interest, and increased penalties for failure to file information returns. It is too early to tell whether such measures improved voluntary reporting.

Table 2.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1981

[Billions of dollars]

Line		Total	Wages and salaries	Personal income								Income not included in personal income
				Farm	Nonfarm	Proprietors' income <sup>1</sup>	Personal dividend income	Rental income of persons <sup>2</sup>	Personal interest income	Taxable pensions	Taxable unem- ployment compen- sation	
1	Personal income .....	2,435.0	1,493.2	30.5	89.7	62.8	41.4	341.3	36.9	3.1	436.2	0
2	Less: Portion of personal income not included in adjusted gross income, total.	663.8	12.3	13.2	11.6	9.1	18.0	129.4	0	0	438.8	31.4
3	Transfer payments except taxable military retirement and taxable government pensions.	297.2	0	0	0	0	0	0	0	0	297.2	0
4	Other labor income except fees .....	141.5	0	0	0	0	0	0	0	0	141.5	0
5	Imputed income in personal income .....	60.6	6.5	4.4	.9	0	0	35.5	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds.	55.3	0	0	0	0	0	55.3	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries.	24.4	0	0	.2	6.3	.5	17.3	0	0	0	0
8	Differences in accounting treatment between NIPA's and tax regulations, net.	30.5	0	8.8	10.6	.8	4.2	6.1	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income.	54.3	5.8	0	0	2.0	0	15.1	0	0	0	31.4
10	Plus: Portion of adjusted gross income not included in personal income, total.	178.3	3.2	0	.3	0	1.1	0	35.7	0	104.6	33.5
11	Personal contributions for social insurance .....	104.6	0	0	0	0	0	0	0	0	104.6	0
12	Net gain from sale of assets .....	31.1	0	0	0	0	0	0	0	0	0	31.1
13	Taxable private pensions <sup>4</sup> .....	35.6	0	0	0	0	0	0	35.6	0	0	0
14	Small business corporation income .....	−8	0	0	0	0	0	0	0	0	0	−8
15	Other type of income .....	7.9	3.2	0	.3	0	1.1	0	−2.2	0	0	3.3
16	Plus: Intercomponent reallocation, total .....	0	3.5	(*)	5.0	17.8	0	−22.8	−1.5	0	−1.9	0
17	Fee in other labor income .....	0	2.0	0	0	0	0	0	0	0	−2.0	0
18	Fiduciaries' share of partnership income .....	0	0	(*)	−.1	0	0	0	0	0	.1	0
19	Interest received by nonfarm proprietors .....	0	0	0	5.0	0	0	−5.0	0	0	0	0
20	Interest distributed by regulated investment companies .....	0	0	0	0	17.8	0	−17.8	0	0	0	0
21	Disability income payments .....	0	1.5	0	0	0	0	0	−1.5	0	0	0
22	Equals: BEA-derived adjusted gross income .....	1,949.5	1,487.6	17.2	83.3	71.5	24.5	189.1	71.1	3.1	0	2.1
23	Adjusted gross income of IRS (reallocated) .....	1,772.6	1,486.1	−7.8	53.1	46.2	3.3	135.5	51.9	2.3	0	2.1
24	Adjusted gross income (AGI) gap .....	176.9	1.5	25.1	30.3	25.3	21.1	53.6	19.3	.8	0	0
25	Percent distribution of AGI gap .....	100.0	.8	14.2	17.1	14.3	11.9	30.3	10.9	.4	.....	.....
26	AGI gap as a percentage of BEA-derived AGI .....	9.1	1	145.4	36.3	35.4	86.3	28.4	27.1	24.7	.....	.....
27	AGI of IRS as a percentage of BEA-derived AGI .....	90.9	99.9	−45.4	63.7	64.6	13.7	71.6	72.9	75.3	.....	.....

See footnotes at the end of table 3.

Table 3.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1982

[Billions of dollars]

Line		Total	Wages and salaries	Personal income							Income not included in personal income	
				Proprietors' income <sup>1</sup>		Personal dividend income	Rental income of persons <sup>2</sup>	Personal interest income	Taxable pensions	Taxable unem- ployment compen- sation		
Farm	Nonfarm											
1	Personal income .....	2,578.6	1,568.1	21.5	87.4	66.4	49.9	366.2	^ 40.7	9.1	* 369.3	0
2	Less: Portion of personal income not included in adjusted gross income, total.	749.6	14.1	3.0	15.6	9.5	24.6	138.9	0	0	479.3	^ 64.4
3	Transfer payments except taxable military retirement and taxable government pensions.	324.7	0	0	0	0	0	0	0	0	324.7	0
4	Other labor income except fees .....	154.5	0	0	0	0	0	0	0	0	154.5	0
5	Imputed income in personal income .....	72.0	7.1	4.7	.7	0	17.7	41.7	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pension funds.	64.0	0	0	0	0	0	64.0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries.	25.4	0	0	(*)	6.7	.5	18.0	0	0	.2	0
8	Differences in accounting treatment between NIPA's and tax regulations, net.	25.8	0	-1.6	14.8	1.1	6.4	5.2	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	88.2	7.1	0	0	1.7	0	10.0	0	0	0	64.6
10	Plus: Portion of adjusted gross income not included in personal income, total.	190.3	3.6	0	.3	0	1.1	0	42.2	0	112.0	^ 31.0
11	Personal contributions for social insurance .....	112.0	0	0	0	0	0	0	0	0	112.0	0
12	Net gain from sale of assets .....	32.5	0	0	0	0	0	0	0	0	0	32.5
13	Taxable private pensions <sup>6</sup> .....	42.0	0	0	0	0	0	0	42.0	0	0	0
14	Small business corporation income .....	2	0	0	0	0	0	0	0	0	0	.2
15	Other type of income .....	3.6	3.6	0	.3	0	1.1	0	.2	0	0	-1.6
16	Plus: Intercomponent reallocation, total .....	0	3.5	-(*)	8.0	20.3	0	-28.5	-1.4	0	-2.0	0
17	Fees in other labor income .....	0	2.2	0	0	0	0	0	0	0	-2.2	0
18	Fiduciaries' share of partnership income .....	0	0	-(*)	-.1	0	0	0	0	0	.2	0
19	Interest received by nonfarm proprietors .....	0	0	0	8.1	0	0	-8.1	0	0	0	0
20	Interest distributed by regulated investment companies .....	0	0	0	0	20.3	0	-20.3	0	0	0	0
21	Disability income payments .....	0	1.4	0	0	0	0	0	-1.4	0	0	0
22	Equals: BEA-derived adjusted gross income .....	2,019.3	1,561.1	18.5	80.1	77.2	26.4	198.8	81.5	9.1	0	-33.4
23	Adjusted gross income of IRS (reallocated) .....	1,847.8	1,564.6	-9.0	51.2	52.5	1.0	162.0	59.9	7.5	0	-33.4
24	Adjusted gross income (AGI) gap .....	171.5	-3.5	27.5	28.9	24.8	25.4	36.7	21.6	1.7	0	0
25	Percent distribution of AGI gap .....	100.0	-2.1	16.9	17.7	15.2	15.6	22.5	18.2	1.0	.....	.....
26	AGI gap as a percentage of BEA-derived AGI .....	8.5	-.2	148.9	36.1	32.1	96.3	18.5	26.5	18.2	.....	.....
27	AGI of IRS as a percentage of BEA-derived AGI .....	91.5	100.2	-48.9	63.9	67.9	3.7	81.5	73.5	81.8	.....	.....

\* Less than \$0.1 billion.

1. With inventory valuation and capital consumption adjustments.

2. With capital consumption adjustment.

3. Consists of the taxable portion of government transfer payments to persons included in personal income. They are nondisability military retirement pay and Federal civilian and State and local government employee retirement benefits in excess of employee contributions.

4. Consists of other labor income, nontaxable portion of government transfer payments to per-

sons, business transfer payments, less personal contributions for social insurance.

5. Statutory adjustments.

6. Taxable private pensions represent the portion of nongovernment pension benefits received by individuals from annuity and pension plans in excess of the "investment in the contract."

7. Net gain from sale of assets, which is the sum of sales of capital assets (net gain less loss) and sales of property other than capital assets (net gain less loss), small business corporation income, and all other sources (net).

# Federal Personal Income Taxes: Liabilities and Payments, 1980-82

THIS article presents revised quarterly Federal personal income tax liabilities for 1980-81 and extends the series to 1982. The methodologies underlying this series and the payment series included in the national income and product accounts (NIPA's) were described in the January 1983 SURVEY OF CURRENT BUSINESS. Estimates for 1949-76 and 1977-79 are in the May 1978 and January 1983 issues of the SURVEY, respectively.

Table 1 shows quarterly Federal personal income tax liabilities, payments, and the excess of liabilities over payments for 1980-82. In general, the payment series differs from the liability series for the following reasons: (1) payment of nonwithheld taxes—quarterly declarations and final payments—and the payment of refunds by the Treasury do not coincide with liabilities; (2) changes in withholding rates do not always occur at the same time as the change in liability; and (3) graduated withholding rates can result in changes in taxes withheld different from changes in liabilities if the income flow or deductions change during the tax year.

In what follows, the specific factors affecting these series in 1982 are explained. (See the January 1983 SURVEY for explanation of the factors affecting these series in 1980-81.)

The Economic Recovery Tax Act of 1981 (ERTA) reduced tax liabilities significantly in 1982. The most important provision of ERTA was the 10-percent reduction in liabilities, effective July 1, 1982; this was the second of three reductions provided by ERTA. Several other provisions reduced liabilities by liberalizing credits and deductions.

(1) ERTA increased the child- and dependent-care credit from 20 percent to 30 percent of employment-related expenses for taxpayers with adjusted gross income (AGI) under \$10,000. The credit remains at 20 percent for taxpayers with AGI above \$28,000. For taxpayers with AGI between these two amounts, the credit is reduced 1 percentage point for each \$2,000 of AGI in excess of \$10,000.

(2) ERTA liberalized the eligibility for individual retirement accounts (IRA's). For tax years beginning after 1981, the eligibility for IRA's is extended to all earners and their spouses. As a result, all individual income earners, sole proprietors and their employees, partners and part-

nership employees, and corporate employees are eligible to set up IRA's. Previously, eligibility was limited to earners not covered by a qualified private or government retirement plan. Also, the annual ceiling on deductible contributions to IRA's increased from \$1,000 to \$2,000 and the percentage limitation was increased from 15 percent of earned income to 100 percent of earned income up to \$2,000. The annual ceiling on deductible contributions to a Keogh plan was also increased from \$7,500 to \$15,000.

(3) ERTA introduced a special deduction for two-earner married couples to redress the so-called "marriage tax penalty." Such couples who file a joint return may deduct 5 percent (10

Table 1.—Federal Personal Income Tax Liabilities and Payments, 1976-82  
[Billions of dollars, quarters at seasonally adjusted annual rates]

Year and quarter	Personal income taxes <sup>1</sup>			Personal income <sup>2</sup>	Taxable income <sup>3</sup>
	Liability basis	Payment basis	Excess of liability basis over payment basis		
1976 .....	145.5	141.5	4.0	1,391.2	674.9
1977 .....	161.2	162.7	-1.5	1,540.4	939.0
1978 .....	190.1	189.5	.6	1,732.7	1,062.2
1979 .....	216.2	224.8	-8.6	1,951.2	1,157.2
1980 .....	252.2	250.9	1.3	2,165.3	1,280.0
1981 .....	286.0	291.4	-5.4	2,435.0	1,410.9
1982 .....	289.7	296.7	-7.0	2,578.6	1,468.0
1980: I.....	240.7	238.6	2.1	2,092.1	1,242.4
II.....	242.0	244.4	-2.4	2,113.2	1,246.5
III.....	254.5	253.1	1.4	2,186.0	1,287.6
IV.....	271.6	267.3	4.3	2,265.0	1,343.4
1981: I.....	274.6	279.0	-4.4	2,338.3	1,361.8
II.....	283.3	289.3	-6.0	2,394.2	1,391.7
III.....	297.4	301.2	-3.8	2,490.9	1,439.6
IV.....	288.7	296.1	-7.4	2,516.6	1,450.5
1982: I.....	296.0	297.0	-1.0	2,528.1	1,435.8
II.....	301.4	300.3	1.1	2,563.2	1,458.9
III.....	277.6	293.0	-15.4	2,591.3	1,475.0
IV.....	283.8	296.7	-12.9	2,632.0	1,505.8

1. The liability series for 1949-75 appears in the May 1978 SURVEY OF CURRENT BUSINESS and for 1977-79 in January 1983 SURVEY. The payment series for 1929-76 appears in table 3.2 in the National Income and Product Accounts of the U.S., 1929-76: Statistical Tables, for 1977-79 in 3.2 in the National Income and Product Accounts, 1976-79: Special Supplement, and for 1980-82 in table 3.2 in the July 1983 SURVEY.

2. This series appears in national income and product accounts table 2.1.

3. Annual totals appear in Statistics of Income, Individual Income Tax Returns.

percent after 1982) of the lower-earning spouse's qualified earned income up to \$30,000. The qualified earned income for this purpose is defined to include wages, salaries, and other compensation for personal services rendered, less employee business expenses, payments to an IRA or Keogh plan, and repayment of supplemental unemployment benefits.

(4) ERTA also introduced a deduction for charitable contributions for taxpayers who do not itemize their deductions. These taxpayers can deduct 25 percent of the first \$100 of charitable contributions for 1982 and 1983, 25 percent of the first \$300 for 1984, 50 percent of total charitable contributions for 1985, and 100 per-

cent of total charitable contribution after 1985.

Two provisions of ERTA increased tax liabilities: repeal of the combined interest and dividend exclusion and reduction of the threshold above which a portion of unemployment insurance benefits are included in gross income. Effective from tax year 1982, the first \$100 (\$200 for a joint return) of an individual's qualified dividend income only is excluded from gross income. Previously, the exclusion was for combined interest and dividend income up to \$200 (\$400 for a joint return) for 1981 and 1982. Effective from tax year 1982, unemployment insurance benefits are taxable if AGI exceeds \$12,000—previously \$20,000—for single taxpayers and \$18,000—pre-

viously \$25,000—for a joint return. The AGI for this purpose includes disability payments and unemployment insurance benefits.

Reflecting the provisions of ERTA, liabilities recorded a relatively small increase in the first half of 1982. Payments were unchanged in the first half, reflecting large refunds in early 1982 as a result of overwithholding in 1981. Both liabilities and payments declined in the third quarter of 1982, reflecting the second-stage reduction in liabilities and the corresponding cut in withholding rates. The cut in withholding rates, however, was significantly less than the reduction in liabilities, and a substantial excess of payments over liabilities occurred in the second half.

# Gross Product by Industry, 1983

THE recovery in real GNP in 1983—a 3.4 percent increase, following a decrease of 1.9 percent in 1982—was largely attributable to manufacturing, wholesale trade, and retail trade (table 1). These industries, plus construction, had the largest percentage increases in 1983. Finance, insurance, and real estate as well as services increased about the same amount in both years, and government and gov-

ernment enterprises changed little in both years. Agriculture, mining, and the “rest of the world” decreased, as they had in 1982.

Prices as measured by the GNP implicit price deflator increased by 4.2 percent in 1983, following an increase of 6.0 percent in 1982. There were substantial decelerations in the increases in construction, manufacturing, and retail trade. In contrast, the

deflator for agriculture increased moderately following a decrease.

The industry estimates for 1983 as well as those for 1981–82 will be revised as part of the annual revision of the national income and product accounts. The revised estimates will appear in the July 1984 SURVEY OF CURRENT BUSINESS in tables 6.1 (current dollars), 6.2 (constant dollars), and 7.22 (implicit price deflators).

Table 1.—Gross Product in Current and Constant Dollars and Implicit Price Deflators by Industry

	Billions of current dollars			Billions of constant (1972) dollars			Implicit price deflators (1972=100)			Percent change from preceding year			
	1981	1982	1983	1981	1982	1983	1981	1982	1983	Constant (1972) dollars		Implicit price deflators	
										1982	1983	1982	1983
<b>Gross national product</b> .....	2,954.1	3,073.0	3,310.5	1,513.8	1,485.4	1,535.3	195.14	206.88	215.63	-1.9	3.4	6.0	4.2
<b>Domestic industries (gross domestic product)</b> .....	2,904.5	3,025.7	3,264.8	1,488.2	1,462.3	1,514.0	195.2	206.9	215.6	-1.7	3.5	6.0	4.2
<b>Private industries</b> .....	2,571.8	2,661.8	2,880.3	1,318.6	1,291.0	1,347.3	195.0	206.2	213.8	-2.1	4.4	5.7	3.7
Agriculture, forestry, and fisheries.....	90.6	84.3	82.6	45.6	44.2	42.1	198.7	190.8	196.0	-3.1	-4.6	-4.0	2.7
Farms.....	81.1	74.1	70.8	40.6	39.0	36.8	199.6	190.2	192.5	-4.0	-5.6	-4.8	1.2
Agricultural services, forestry, and fisheries.....	9.5	10.2	11.8	5.0	5.2	5.3	190.9	196.0	219.9	4.3	2.8	2.7	12.2
Mining.....	126.5	116.1	108.8	22.5	21.6	21.1	561.6	537.2	516.2	-4.0	-2.5	-4.4	-3.9
Construction.....	124.6	122.4	131.8	50.5	47.7	51.2	246.7	256.8	257.2	-5.6	7.5	4.1	.2
Manufacturing.....	644.4	630.9	700.9	361.1	336.1	362.1	178.4	187.7	193.6	-6.9	7.7	5.2	3.1
Durable goods.....	389.8	367.8	404.3	217.2	197.4	212.8	179.5	186.3	190.0	-9.1	7.8	3.8	2.0
Non durable goods.....	254.6	263.1	296.6	144.0	138.7	149.3	176.9	189.7	198.7	-3.6	7.6	7.2	4.8
Transportation and public utilities.....	262.4	279.7	302.2	142.9	138.9	140.0	183.6	201.4	215.8	-2.8	.8	9.7	7.2
Transportation.....	106.1	106.0	113.4	50.0	46.8	47.2	212.4	226.3	240.0	-6.3	.9	6.5	6.1
Communication.....	77.4	85.6	91.0	56.3	57.2	57.2	137.6	149.7	159.0	1.6	.1	8.8	6.2
Electric, gas, and sanitary services.....	78.8	88.2	97.8	36.7	34.9	35.5	215.0	252.7	275.2	-4.8	1.9	17.5	8.9
Wholesale trade .....	211.3	210.3	226.7	108.3	106.3	113.3	195.1	197.9	200.0	-1.9	6.7	1.4	1.1
Retail trade .....	262.9	279.9	305.5	143.5	141.7	150.6	183.3	197.4	202.9	-1.2	6.2	7.7	2.8
<b>Finance, insurance, and real estate</b> .....	461.6	507.1	546.7	245.4	251.0	257.5	188.1	202.1	212.3	2.3	2.6	7.4	5.1
Finance and insurance.....	135.5	147.4	171.5	65.5	66.6	67.6	206.8	221.4	253.9	1.6	1.5	7.1	14.7
Real estate.....	326.1	359.8	375.2	179.8	184.4	189.9	181.3	195.1	197.5	2.5	3.0	7.6	1.2
<b>Services</b> .....	387.6	431.1	475.2	198.7	203.5	209.3	195.0	211.8	227.0	2.4	2.8	8.6	7.2
<b>Government and government enterprises</b> .....	337.5	363.4	386.7	177.9	177.6	177.6	189.8	204.6	217.7	-1	0	7.8	6.4
Government.....	299.3	324.1	346.6	156.0	156.1	156.1	191.9	207.7	222.1	.1	0	8.2	6.9
Government enterprises.....	38.3	39.8	40.2	21.9	21.6	21.6	174.8	182.1	186.1	-1.4	0	4.2	2.2
<b>Statistical discrepancy</b> .....	-4.9	.5	-2.2	-2.5	.2	-1.0	195.1	206.0	213.9	.....	.....	.....	.....
<b>Residual</b> <sup>1</sup> .....	.....	.....	.....	-5.8	-6.5	-9.9	.....	.....	.....	.....	.....	.....	.....
<b>Rest of the world</b> .....	49.6	47.3	45.7	25.6	23.1	21.3	.....	.....	.....	-10.1	-7.6	.....	.....

1. Equals GNP in constant dollars measured as the sum of incomes less GNP in constant dollars measured as the sum of gross product by industry.

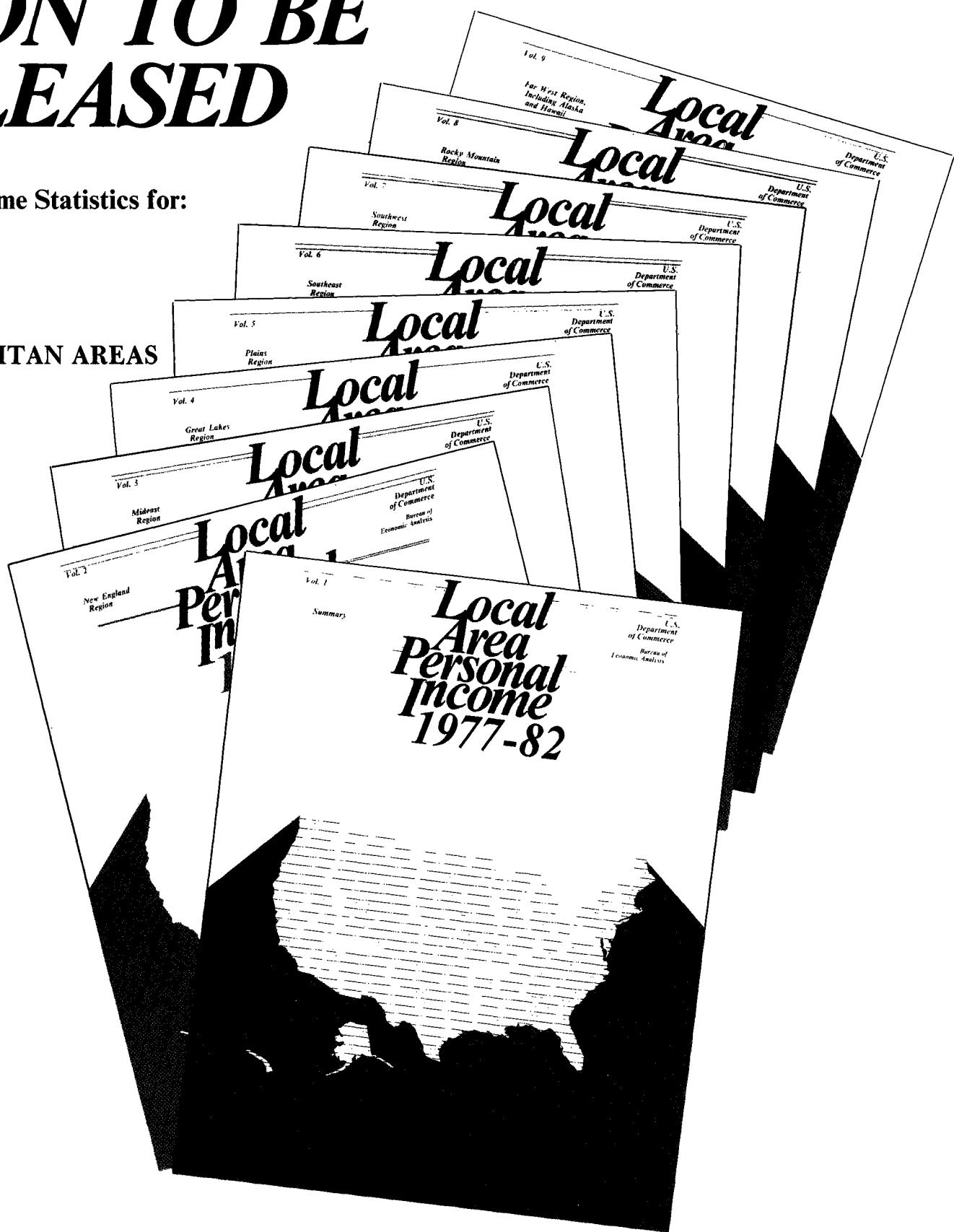
NOTE.—The industry classification is on an establishment basis and is based on the 1972 Standard Industrial Classification.

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# CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in BUSINESS STATISTICS: 1982, a statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$8.00, stock no. 003-010-00124-1) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1979 through 1982; annually, 1961-82; for selected series, monthly or quarterly, 1961-82 (where available).

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Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983											1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>GENERAL BUSINESS INDICATORS</b>																
<b>PERSONAL INCOME BY SOURCE</b>																
Seasonally adjusted, at annual rates:																
Total personal income..... bil. \$..	2,578.6	2,742.1	2,650.5	2,670.1	2,689.0	2,719.3	2,732.6	2,747.6	2,756.4	2,781.6	2,812.5	2,833.5	2,859.6	2,906.7	2,926.7	2,940.5
Wage and salary disbursements, total..... do.	1,568.1	1,664.6	1,606.3	1,616.8	1,632.1	1,652.2	1,660.9	1,673.5	1,680.5	1,691.8	1,710.6	1,715.3	1,726.0	1,748.7	1,757.2	1,762.6
Commodity-producing industries, total .....	509.2	529.7	507.4	510.0	517.1	522.0	527.5	533.8	537.0	543.1	546.7	550.5	552.9	564.0	568.3	569.1
Manufacturing .....	383.8	402.8	384.7	387.9	393.5	397.5	401.2	405.8	408.5	413.3	416.0	419.5	421.6	429.7	433.5	435.3
Distributive industries .....	378.8	397.2	384.2	388.4	390.7	394.8	397.5	400.0	396.8	399.8	408.1	408.0	411.8	414.3	415.4	416.4
Service industries..... do.	374.1	411.5	395.5	397.8	402.4	408.2	411.3	414.1	415.5	419.6	425.2	424.7	427.6	432.7	434.2	436.4
Govt. and govt. enterprises .....	306.0	326.2	319.2	320.6	321.9	327.1	324.7	326.1	331.1	329.2	330.6	332.1	333.7	337.7	339.3	340.7
Other labor income .....	156.6	173.4	164.2	166.0	168.1	170.1	172.2	174.3	176.3	178.4	180.6	182.6	184.9	186.9	189.0	191.1
Proprietors' income: \$																
Farm .....	21.5	20.9	21.3	22.3	22.1	21.4	19.4	16.6	14.9	15.0	20.7	23.8	30.4	47.6	48.3	46.0
Nonfarm .....	87.4	107.6	97.8	100.8	103.1	106.6	109.0	109.9	110.9	113.0	114.2	114.3	115.0	120.0	122.3	122.6
Rental income of persons with capital consumption adjustment..... bil. \$..	49.9	54.8	54.1	54.3	54.6	54.8	55.0	55.3	50.8	55.8	56.0	56.2	56.5	56.7	57.0	57.2
Dividends .....	66.4	70.5	68.9	69.9	69.0	69.4	69.5	70.2	70.9	71.6	72.3	72.9	73.4	74.1	75.1	76.2
Personal interest income .....	366.2	366.3	356.0	355.7	355.0	356.9	359.4	364.4	370.2	375.2	378.3	380.9	384.0	389.6	395.6	402.2
Transfer payments..... do.	374.5	403.6	398.1	402.0	402.7	406.7	406.7	403.5	402.2	401.9	402.0	409.8	412.4	411.3	410.9	411.7
Less: Personal contrib. for social insur. .... do.	112.0	119.5	116.2	116.8	117.6	118.8	119.5	120.1	120.3	121.1	122.2	122.4	122.9	128.3	128.7	129.0
Total nonfarm income .....	2,527.6	2,691.5	2,599.7	2,618.4	2,637.5	2,668.5	2,683.8	2,701.4	2,711.8	2,736.7	2,761.8	2,779.7	2,799.2	2,828.9	2,848.1	2,864.1
<b>DISPOSITION OF PERSONAL INCOME</b>																
Seasonally adjusted, at annual rates:																
Total personal income..... bil. \$..	2,578.6	2,742.1	2,650.5	2,670.1	2,689.0	2,719.3	2,732.6	2,747.6	2,756.4	2,781.6	2,812.5	2,833.5	2,859.6	2,906.7	2,926.7	2,940.5
Less: Personal tax and nontax payments .....	402.1	406.5	402.3	403.6	402.2	415.5	420.2	396.9	400.1	403.4	408.3	411.0	414.7	419.2	421.7	423.1
Equals: Disposable personal income .....	2,176.5	2,335.6	2,248.2	2,266.5	2,286.8	2,303.8	2,312.4	2,350.7	2,356.3	2,378.2	2,404.2	2,422.5	2,444.9	2,487.5	2,505.0	2,517.4
Less: Personal outlays..... do.	2,051.1	2,221.9	2,129.3	2,146.2	2,181.8	2,188.2	2,228.0	2,238.7	2,260.1	2,279.9	2,294.3	2,320.7	2,361.9	2,388.2	2,394.2	2,417.1
Personal consumption expenditures..... do.	1,991.9	2,158.0	2,068.3	2,084.6	2,119.9	2,156.4	2,164.8	2,174.8	2,173.8	2,194.7	2,213.4	2,227.1	2,252.1	2,293.0	2,269.3	2,279.1
Durable goods .....	244.5	279.4	256.9	259.6	270.6	278.6	284.1	287.1	278.2	283.2	289.7	293.9	312.2	319.0	307.9	304.0
Nondurable goods..... do.	761.0	804.1	774.5	780.1	786.6	804.4	807.7	813.8	813.1	817.4	825.7	827.7	821.6	852.6	842.5	838.0
Services..... do.	986.4	1,074.5	1,036.9	1,044.9	1,062.7	1,073.4	1,073.0	1,073.9	1,082.5	1,094.2	1,097.9	1,105.5	1,118.4	1,121.4	1,119.0	1,137.1
Interest paid by consumers to business .....	58.1	62.8	60.0	60.6	60.9	61.3	62.1	62.9	63.7	64.1	65.1	65.8	67.2	67.6	68.2	68.9
Personal transfer payments to foreigners (net) .....	1.1	1.2	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.4	1.4	1.4	1.2	1.2	1.2
Equals: personal saving .....	125.4	113.7	118.8	120.3	104.9	85.1	84.4	111.8	117.5	118.2	124.3	128.2	124.2	125.6	166.2	168.2
Personal saving as percentage of disposable personal income § .....	5.8	4.9	5.4	5.1	4.5	4.0	4.0	4.5	4.9	5.0	5.1	5.2	5.1	5.6	6.1	.....
Disposable personal income in constant (1972) dollars..... bil. \$..	1,060.2	1,094.6	1,070.3	1,077.2	1,078.4	1,083.3	1,087.5	1,100.4	1,097.4	1,102.6	1,113.5	1,121.5	1,129.4	1,143.5	1,151.8	.....
Personal consumption expenditures in constant (1972) dollars .....	970.2	1,011.4	984.7	990.8	999.7	1,014.0	1,018.1	1,018.1	1,012.4	1,017.5	1,025.1	1,031.0	1,040.3	1,054.1	1,043.4	.....
Durable goods .....	139.8	156.3	144.3	147.1	152.1	157.0	160.3	160.7	155.5	157.4	160.5	162.7	172.4	176.2	170.6	.....
Nondurable goods..... do.	364.2	376.1	368.9	370.0	376.2	378.0	378.8	377.0	378.4	382.5	384.7	380.3	391.3	387.9	.....	
Services .....	466.2	479.0	471.5	473.7	477.6	480.8	479.7	478.5	479.9	481.7	482.1	483.6	487.6	486.7	484.9	.....
Implicit price deflator for personal consumption expenditures .....	205.3	213.4	210.0	210.4	212.1	212.7	212.6	213.6	214.7	215.7	215.9	216.0	216.5	217.5	217.5	.....
<b>INDUSTRIAL PRODUCTION</b>																
<i>Federal Reserve Board Index of Quantity Output</i>																
Not Seasonally Adjusted																
Total index ..... 1967=100..	138.6	147.6	138.1	140.5	141.9	49.7	147.0	153.3	158.4	158.4	154.7	151.5	151.5	154.2	160.2	161.4
By industry groupings:																
Mining and utilities..... do.	146.3	142.9	141.7	136.8	134.2	133.4	137.8	146.8	152.2	148.2	141.6	142.6	152.6	158.3	153.5	148.6
Manufacturing .....	137.6	148.2	138.0	141.5	143.0	145.4	151.3	146.8	153.4	160.0	160.7	156.1	150.9	153.8	161.1	163.4
Nondurable manufactures .....	156.2	168.1	157.5	160.8	162.3	165.0	172.6	167.6	177.6	183.2	182.1	173.9	164.5	166.9	175.2	176.8
Durable manufactures .....	124.7	134.5	124.5	128.1	129.7	131.8	136.5	132.4	136.7	143.9	145.9	143.8	141.4	144.6	151.4	154.2
Seasonally Adjusted																
Total index .....	138.6	147.6	138.1	140.0	142.6	144.4	146.4	149.7	151.8	153.8	155.0	155.3	156.2	158.4	160.0	160.7
By market groupings:																
Products, total .....	141.8	149.2	140.3	141.6	144.5	146.2	148.1	150.9	153.2	154.9	155.6	155.8	157.4	159.7	160.7	161.2
Final products .....	141.5	147.1	138.9	139.9	142.8	144.5	146.4	149.0	150.7	152.1	153.2	155.2	157.5	158.4	159.0	160.3
Consumer goods .....	142.6	151.7	143.4	144.3	147.7	150.4	152.4	154.8	156.3	157.3	156.9	156.1	157.7	159.5	159.9	160.3

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		

### GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION—Continued																	
Seasonally Adjusted—Continued																	
By market groupings—Continued																	
Final products—Continued																	
Durable consumer goods .....	1967=100..	129.2	147.5	134.4	136.3	140.5	145.5	149.2	152.9	154.2	157.5	156.7	155.9	158.6	163.3	163.2	*163.8
Automotive products .....	do.	129.5	158.2	144.3	142.6	144.9	152.2	160.0	167.0	168.1	172.9	171.3	171.5	178.4	184.3	183.1	*185.1
Autos and utility vehicles .....	do.	99.0	134.0	120.8	116.4	117.8	124.9	135.4	145.4	147.0	153.1	149.2	157.8	163.3	162.9	*165.0	
Autos .....	do.	86.6	117.4	107.3	99.9	102.7	107.4	118.3	129.8	132.0	135.0	129.6	129.4	137.4	140.7	141.2	*143.1
Home goods .....	do.	129.1	141.4	128.8	132.8	138.1	141.8	143.2	144.9	146.4	148.8	148.4	147.2	147.5	151.6	152.1	*151.9
Nondurable consumer goods .....	do.	148.0	153.4	147.0	147.5	150.5	152.3	153.6	155.6	157.1	157.2	157.1	156.1	157.3	158.0	158.6	*158.9
Clothing .....	do.	159.0	*163.7	157.4	158.1	161.1	162.8	164.3	166.1	168.0	167.6	167.2	165.4	*166.0	*166.5	*167.1	*167.7
Consumer staples .....	do.	149.7	153.5	149.5	148.4	150.9	153.2	155.9	156.6	156.3	154.6	156.0	154.5	*155.4	*156.5		
Nonfood staples .....	do.	169.7	*175.4	166.5	169.4	172.9	174.1	177.2	181.6	182.7	180.3	178.1	*178.3	*178.2	*178.6	*179.6	
Equipment .....	do.	139.8	140.8	132.7	133.8	136.2	136.5	138.2	141.0	143.1	144.9	147.0	149.1	*151.8	*154.7	*156.3	*157.1
Business equipment .....	do.	157.9	*153.3	142.7	143.7	146.9	147.7	150.2	153.3	156.6	158.7	161.3	164.1	*167.3	*172.5	*173.3	
Industrial equipment # .....	do.	134.9	120.4	113.7	113.1	115.3	114.5	116.3	119.9	124.3	125.6	126.6	128.6	*130.8	*133.4	*134.3	
Building and mining equip. ....	do.	214.2	159.3	153.6	145.3	141.8	146.2	148.7	154.4	159.2	160.8	166.9	175.8	*185.3	*181.1	*175.0	
Manufacturing equipment .....	do.	107.2	107.1	97.9	99.7	101.7	102.5	105.0	108.9	113.3	115.0	114.6	118.9	*115.1	*118.9	*121.5	*123.3
Commercial, transit, farm eq. # .....	do.	184.4	*191.3	176.1	179.2	185.4	186.1	189.5	191.9	194.0	196.9	201.3	205.1	*209.6	*214.2	*216.7	*218.4
Commercial equipment .....	do.	253.5	*273.2	251.2	255.7	264.3	265.0	270.9	276.0	277.4	281.7	288.1	292.5	*298.9	*304.1	*308.0	*311.4
Transit equipment .....	do.	103.9	*95.2	88.2	90.1	92.0	92.6	93.2	92.0	95.9	97.6	100.0	103.2	*106.0	*111.1	*114.4	*110.0
Defense and space equipment .....	do.	109.4	119.9	116.1	117.0	118.2	117.6	118.0	120.4	120.2	121.8	122.9	124.0	125.7	*127.6	*129.0	*129.9
Intermediate products .....	do.	143.3	156.6	145.3	147.8	150.8	152.2	154.5	158.1	162.2	165.4	166.5	165.5	*165.4	*167.8	*169.3	*169.6
Construction supplies .....	do.	124.3	142.5	129.7	131.1	136.4	138.4	142.1	145.8	149.0	151.4	152.3	151.6	*151.5	*155.5	*157.6	*158.0
Business supplies .....	do.	162.1	170.7	160.9	162.3	165.2	166.8	170.4	175.3	179.3	180.6	179.4	*179.3	*180.0	*180.8		
Materials .....	do.	133.7	145.2	134.9	137.6	139.7	141.7	143.7	147.8	149.7	152.2	154.0	154.5	*154.5	*156.5	*158.9	*159.8
Durable goods materials .....	do.	125.0	138.6	125.3	128.7	132.4	134.7	137.0	141.1	144.2	147.4	149.4	150.3	*151.3	*154.5	*158.1	*159.3
Nondurable goods materials .....	do.	157.5	*174.5	164.0	167.5	168.7	172.1	174.3	177.0	178.0	182.3	185.3	184.8	*180.3	*181.0	*182.7	*183.3
Energy materials .....	do.	125.1	*124.8	121.8	121.9	121.6	121.1	121.8	127.7	128.0	126.4	126.3	127.1	*130.0	*131.1	*131.5	*132.0
By industry groupings:																	
Mining and utilities:																	
Mining .....	do.	146.3	*142.9	137.5	137.7	138.9	139.7	139.6	143.8	146.0	146.5	145.8	147.2	*151.5	*151.3	*149.3	*149.8
Metal mining .....	do.	126.1	116.6	115.6	112.6	111.6	112.8	112.6	115.0	116.1	117.1	118.3	121.1	123.7	*124.6	*124.6	*123.9
Coal .....	do.	82.4	80.9	75.1	75.2	79.8	84.4	82.9	82.5	80.9	78.7	81.0	84.6	*82.3	*89.4	*101.7	
Oil and gas extraction # .....	do.	142.7	136.3	136.5	127.3	125.3	125.6	124.6	139.9	141.2	140.5	142.7	144.8	145.2	151.5	*163.2	*164.2
Crude oil .....	do.	131.1	116.6	117.0	114.4	112.2	112.5	112.6	113.9	114.7	116.3	117.3	119.8	*123.4	*122.8	*119.4	*117.8
Natural gas .....	do.	95.1	95.1	94.4	95.3	96.0	95.3	95.7	94.3	95.4	94.0	94.6	96.0	*94.6	*96.0	*94.7	
Stone and earth minerals .....	do.	112.1	122.8	115.7	114.0	117.7	122.5	121.7	121.2	125.0	126.5	127.4	132.2	133.9	*135.0	*135.2	
Utilities .....	do.	168.7	*172.4	162.0	165.8	169.3	169.7	169.8	176.0	179.3	179.3	176.5	176.3	*182.5	*181.0	*177.0	*178.8
Electric .....	do.	190.5	*196.0	183.0	188.2	192.7	192.9	192.0	200.9	205.4	204.5	200.7	200.2	*208.0	*206.8	*200.6	*202.9
Manufacturing .....	do.	137.6	*148.2	138.2	140.4	143.1	145.1	147.4	150.6	152.8	155.1	156.2	156.4	*156.8	*159.3	*161.4	*162.1
Nondurable manufactures .....	do.	156.2	168.1	159.0	160.7	163.3	165.4	167.8	170.6	172.9	174.6	175.6	174.8	*173.9	*175.3	*177.0	*177.3
Foods .....	do.	151.1	156.4	153.0	152.0	153.7	155.6	157.7	159.9	159.3	158.2	157.6	157.1	157.7	159.9		
Tobacco products .....	do.	118.0	112.1	108.5	113.4	114.8	112.9	120.0	112.9	117.1	112.7	109.1	109.5	*112.3	*116.4		
Textile mill products .....	do.	124.5	140.8	130.7	131.9	136.6	139.6	141.8	146.7	147.4	148.7	148.7	145.8	*145.0	*144.0		
Apparel products .....	do.	150.8	164.3	155.6	156.3	157.0	161.5	163.0	165.1	168.6	170.4	171.5	171.2	*170.1	*172.1	*175.0	*176.0
Paper and products .....	do.	144.1	*152.5	144.0	145.9	145.7	145.2	147.4	152.0	157.8	161.7	162.7	162.0	*161.7	*163.4	*163.9	*164.7
Printing and publishing .....	do.	196.1	215.0	202.3	208.7	211.0	214.7	218.3	220.3	224.1	228.4	225.6	221.1	*221.8	*224.2		
Chemicals and products .....	do.	121.8	*120.3	111.7	114.8	120.6	123.8	123.0	124.3	125.2	126.6	125.4	124.7	*114.4	*118.8	*126.5	*127.9
Rubber and plastics products .....	do.	254.7	*291.9	264.0	272.0	283.0	288.0	293.8	296.1	306.9	310.9	310.8	309.1	*314.4	*315.0	*318.5	
Leather and products .....	do.	60.9	*61.9	61.7	59.4	58.7	59.6	60.1	62.3	64.4	64.2	64.0	63.2	*66.0	*63.6	*65.5	
Durable manufactures .....	do.	124.7	134.5	123.9	126.3	129.1	131.0	133.2	136.8	138.8	141.6	142.8	143.6	*145.0	*148.2	*150.7	*151.5
Ordnance, pvt. and govt .....	do.	86.9	95.4	93.3	91.9	92.6	93.2	93.8	95.2	96.8	98.0	99.3	99.8	*99.7	*99.7	*100.0	
Lumber and products .....	do.	112.6	137.2	130.2	128.7	132.1	135.8	137.4	141.3	141.6	142.3	141.7	141.0	*143.8	*146.4	*148.2	
Furniture and fixtures .....	do.	151.9	*170.5	154.0	161.0	167.7	169.6	173.1	175.2	179.0	180.7	181.0	177.5	*177.9	*181.8	*183.4	
Clay, glass, and stone products .....	do.	128.2	143.4	131.8	135.6	138.3	139.2	141.7	145.8	147.9	151.7	151.9	152.7	*153.8	*157.0	*160.1	*161.0
Primary metals .....	do.	75.3	85.4	77.9	81.2	83.1	84.9	84.8	85.5	87.5	90.6	95.3	92.2	*90.4	*93.2	*97.5	*97.3
Iron and steel .....	do.	61.7	71.5	64.3	66.9	68.5	69.5	69.7	71.8	75.1	78.2	84.3	79.2	74.1	*80.7	*86.1	

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983											1984					
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>GENERAL BUSINESS INDICATORS—Continued</b>																			
<b>BUSINESS INVENTORIES</b>																			
Mfg. and trade inventories, book value, end of year or month (unadj.), total .....	506,147	514,971	506,862	506,481	507,118	506,524	504,086	502,800	505,787	511,555	521,866	527,123	514,971	513,621	525,408	.....			
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total .....	511,942	520,739	507,665	503,222	504,796	505,658	505,521	505,826	510,430	513,883	515,999	518,124	520,739	517,784	527,039	.....			
Manufacturing, total .....	264,902	260,832	260,856	257,304	257,397	258,149	257,390	258,176	259,834	260,021	260,816	261,018	260,832	260,606	263,804	.....			
Durable goods industries .....	175,200	171,470	171,572	169,377	169,814	170,734	169,840	169,693	170,576	170,385	170,628	170,964	171,470	170,742	172,894	.....			
Nondurable goods industries .....	89,702	89,362	89,284	87,927	87,583	87,415	87,550	88,483	89,258	89,636	90,188	90,064	89,362	89,864	90,910	.....			
Retail trade, total .....	128,250	139,117	130,392	129,327	129,901	131,654	132,501	131,905	133,783	135,452	135,301	137,652	139,117	137,977	142,764	.....			
Durable goods stores .....	59,597	66,709	61,517	60,412	60,640	61,401	62,019	61,284	62,313	64,021	63,762	65,596	66,709	63,749	66,740	.....			
Nondurable goods stores .....	68,653	72,408	68,875	68,915	69,261	70,253	70,482	70,621	71,470	71,431	71,539	72,056	72,408	74,228	76,024	.....			
Merchant wholesalers, total † .....	115,563	118,067	114,425	114,569	114,902	113,557	113,172	114,124	114,227	115,674	116,825	116,958	118,067	119,201	120,471	.....			
Durable goods establishments .....	76,013	75,811	74,502	74,104	73,753	72,647	72,501	73,193	73,076	74,249	74,806	74,791	75,811	76,408	77,064	.....			
Nondurable goods establishments .....	39,550	42,256	39,823	40,465	41,149	40,910	40,671	40,931	41,151	41,425	42,019	42,167	42,256	42,793	43,407	.....			
Mfg. and trade inventories in constant(1972)dollars, end of year or month(seas.adj.),total .....	.....	.....	259.4	257.6	257.2	257.5	257.1	256.9	258.1	259.3	259.8	260.7	261.6	262.3	265.8	.....			
Manufacturing .....	.....	.....	137.7	136.5	136.3	136.6	136.3	136.3	136.7	136.6	136.5	136.5	136.5	136.1	137.2	.....			
Retail trade .....	.....	.....	66.1	65.9	65.8	66.2	66.3	66.0	66.5	67.3	67.6	68.3	68.9	69.6	71.6	.....			
Merchant wholesalers .....	.....	.....	55.6	55.2	55.1	54.7	54.4	54.7	54.9	55.4	55.7	56.3	56.6	57.0	57.0	.....			
<b>BUSINESS INVENTORY-SALES RATIOS</b>																			
Manufacturing and trade, total .....	ratio..	1.50	1.37	1.49	1.45	1.44	1.39	1.35	1.36	1.36	1.35	1.34	1.31	1.29	1.32	.....			
Manufacturing, total .....	do.	1.73	1.52	1.65	1.59	1.58	1.54	1.48	1.50	1.48	1.46	1.48	1.44	1.40	1.42	1.43	.....		
Durable goods industries .....	do.	2.37	2.01	2.21	2.13	2.11	2.07	1.96	1.98	1.94	1.92	1.93	1.85	1.78	1.79	1.80	.....		
Materials and supplies .....	do.	0.72	0.60	0.66	0.63	0.63	0.61	0.58	0.59	0.58	0.57	0.58	0.56	0.54	0.54	0.54	.....		
Work in process .....	do.	1.03	0.90	0.98	0.95	0.95	0.93	0.88	0.89	0.87	0.86	0.87	0.83	0.81	0.81	0.81	.....		
Finished goods .....	do.	0.61	0.51	0.56	0.55	0.54	0.53	0.50	0.51	0.50	0.48	0.48	0.47	0.44	0.45	0.44	.....		
Nondurable goods industries .....	do.	1.13	1.03	1.11	1.07	1.06	1.02	1.00	1.02	1.01	1.00	1.02	1.01	0.99	1.01	1.02	.....		
Materials and supplies .....	do.	0.44	0.41	0.44	0.42	0.42	0.41	0.40	0.40	0.41	0.40	0.41	0.41	0.40	0.41	0.42	.....		
Work in process .....	do.	0.18	0.17	0.18	0.17	0.17	0.17	0.16	0.17	0.16	0.16	0.17	0.17	0.16	0.17	0.17	.....		
Finished goods .....	do.	0.50	0.46	0.49	0.47	0.47	0.45	0.44	0.45	0.44	0.44	0.44	0.44	0.43	0.44	0.44	.....		
Retail trade, total † .....	do.	1.39	1.33	1.38	1.35	1.34	1.33	1.32	1.31	1.33	1.32	1.32	1.32	1.32	1.33	1.35	.....		
Durable goods stores .....	do.	2.12	1.85	2.03	1.93	1.89	1.85	1.80	1.80	1.86	1.84	1.80	1.79	1.72	1.81	1.81	.....		
Nondurable goods stores .....	do.	1.08	1.07	1.09	1.08	1.06	1.07	1.07	1.07	1.08	1.07	1.07	1.07	1.07	1.08	1.11	.....		
Merchant wholesalers, total † .....	do.	1.23	1.17	1.24	1.24	1.17	1.17	1.15	1.14	1.13	1.13	1.12	1.13	1.10	1.08	1.11	.....		
Durable goods establishments .....	do.	1.99	1.76	1.93	1.91	1.88	1.79	1.71	1.71	1.71	1.71	1.68	1.66	1.64	1.60	1.63	.....		
Nondurable goods establishments .....	do.	0.70	0.72	0.74	0.75	0.73	0.72	0.72	0.72	0.71	0.71	0.70	0.72	0.70	0.68	0.71	.....		
Manufacturing and trade in constant (1972) dollars, total .....	do.	.....	1.69	1.65	1.65	1.59	1.55	1.57	1.57	1.56	1.56	1.54	1.52	1.51	1.51	1.54	.....		
Manufacturing .....	do.	.....	1.97	1.91	1.89	1.85	1.79	1.82	1.79	1.78	1.79	1.75	1.71	1.72	1.73	1.73	.....		
Retail trade .....	do.	.....	1.41	1.38	1.38	1.35	1.33	1.33	1.36	1.36	1.35	1.35	1.35	1.34	1.33	1.38	.....		
Merchant wholesalers .....	do.	.....	1.51	1.50	1.52	1.41	1.37	1.39	1.40	1.39	1.39	1.39	1.39	1.38	1.36	1.33	1.37	.....	
<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS</b>																			
Shipments (not seas. adj.), total .....	.....	.....	1,910,119	2,052,765	159,488	170,007	164,345	168,943	182,537	158,500	172,163	186,460	183,314	180,271	180,260	170,201	186,688		
Durable goods industries, total .....	do.	922,115	1,022,476	78,272	85,247	82,053	83,953	92,512	76,658	83,450	93,354	92,878	91,761	92,543	85,927	96,782	.....		
Stone, clay, and glass products .....	do.	44,005	49,047	3,549	3,887	3,962	4,108	4,518	3,944	4,475	4,687	4,530	4,296	3,743	3,767	4,285	.....		
Primary metals .....	do.	107,031	115,829	8,671	9,482	9,448	9,714	10,201	8,904	9,581	10,363	10,515	10,395	10,782	10,383	11,348	.....		
Blast furnaces, steel mills .....	do.	47,320	46,378	3,429	3,896	3,792	3,774	4,122	3,524	3,860	4,104	4,157	4,236	4,327	4,158	4,609	.....		
Fabricated metal products .....	do.	113,967	121,670	9,374	10,074	9,773	10,198	10,757	9,217	10,389	11,218	11,338	10,638	10,120	9,993	11,249	.....		
Machinery, except electrical .....	do.	180,612	179,512	13,413	14,408	14,038	14,315	16,519	13,851	14,224	16,241	15,748	15,764	17,823	14,623	16,923	.....		
Electrical machinery .....	do.	140,550	157,001	12,214	12,967	12,545	12,605	13,989	11,553	12,481	14,486	14,150	14,147	14,437	13,153	14,467	.....		
Transportation equipment .....	do.	195,370	240,396	19,113	20,529	19,623	20,030	22,284	16,744	18,389	21,537	21,880	22,433	21,843	21,734	24,414	.....		
Motor vehicles and parts .....	do.	112,177	151,754	11,737	12,346	11,985	12,875	14,088	10,211	11,693	14,011	14,984	14,855	13,195	15,339	16,795	.....		
Instruments and related products .....	do.	48,873	49,944	3,900	4,204	3,892	3,906	4,378	3,892	4,082	4,443	4,566	4,443	4,412	4,670	4,250	4,250	.....	
Nondurable goods industries, total # .....	do.	988,004	1,030,289	81,216	84,760	82,292	84,990	90,025	81,842	88,713	93,106	90,436	88,510	87,717	84,274	89,806	.....		
Food and kindred products .....	do.	277,324	287,866	23,596	24,454	22,835	23,904	24,980	22,498	24,244	26,148	24,919	24,266	24,562	22,896	24,454	.....		
Tobacco products .....	do.	14,455	18,165	1,121	1,476	1,269	1,414	1,803	1,374	1,505	1,817	1,597	1,680	2,109	1,233	1,478	.....		
Textile mill products .....	do.	47,217	52,209	3,949	4,557	4,140	4,332	4,763	3,775	4,651	4,830	4,807	4,474	4,534	4,234	4,753	.....		
Paper and allied products .....	do.	78,989	85,680	6,813	7,058	7,070	6,975	7,423	6,676	7,487	7,519	7,556	7,362	7,226	7,553	8,190	.....		
Chemical and allied products .....	do.	172,803	189,198	14,974	16,109	15,351	16,307	17,010	14,390	15,591	17,244	16,087	15,874	16,492	16,418	17,362	.....		
Petroleum and coal products .....	do.	206,430	191,043	14,206	14,781	15,431	15,835	16,789	16,610	16,233	16,900	16,026	16,233	15,442	15,663	15,663	.....		
Rubber and plastics products .....	do.	50,163	51,935	4,130	4,148	4,280	4,237	4,614	4,118	4,438	4,655	4,715	4,436	4,221	4,111	4,441	.....		
Shipments (seas. adj.), total .....	do.	.....	158,081	161,803	163,065	167,965	173,920	172,598	175,989	178,590	176,790	181,084	186,676	183,736	184,885	.....			
By industry group:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Durable goods industries, total # .....	do.	77,769	79,595	8,024	8,659	86,582	85,646	87,918	88,970	88,922	92,246	96,152	95,147	95,147	95,147	95,996	.....		
Stone, clay, and glass products .....	do.	3,799	3,822	3,885	4,039	4,150	3,987	4,241	4,325	4,200	4,350	4,296	3,743	3,767	4,285	4,285	.....		
Primary metals .....	do.	8,230	8,925	8,958	9,481	9,744	9,988	10,048	10,091	10,327	10,891	11,563	10,615	10,776	10,776	10,776	.....		
Blast furnaces, steel mills .....	do.	3,241	3,594	3,588	3,782	3,937	3,964	4,115	4,075	4,136	4,422	4,470	4,196	4,356	4,356	4,356	.....		
Fabricated metal products .....	do.	9,373	9,515	9,563	10,028	10,055	10,008	10,328	10,802	10,785	10,873	10,852	11,018	11,236	11,236	11,236	.....		
Machinery, except electrical .....	do.	13,097	14,191	14,117	14,429	15,224	15,410	15,111	15,642	15,713	16,192	16,84							

See footnotes at end of tables

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983											1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

### GENERAL BUSINESS INDICATORS—Continued

<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued</b>																
Shipments (seas. adj.)—Continued																
By market category:																
Home goods and apparel .....	mil. \$.	130,888	145,256	11,415	11,208	11,716	11,769	12,107	12,369	12,520	12,506	12,525	12,801	12,631	13,145	12,821
Consumer staples .....	do.	367,743	385,376	31,501	32,055	31,133	32,423	32,713	31,680	32,419	32,796	31,996	32,106	33,558	32,775	32,679
Equipment and defense prod., exc. auto .....	do.	290,655	298,298	23,061	23,797	23,992	23,448	25,424	24,993	24,569	25,754	25,140	26,592	28,126	25,904	26,287
Automotive equipment .....	do.	130,758	174,683	13,474	12,902	12,886	13,998	14,783	14,635	16,579	15,365	14,862	16,176	17,405	18,882	18,825
Construction materials and supplies .....	do.	135,945	158,039	12,026	12,291	12,311	13,018	13,552	13,198	13,407	13,927	13,780	13,997	13,901	14,032	14,648
Other materials and supplies .....	do.	854,130	891,113	66,604	69,550	71,027	73,309	75,341	75,723	76,495	78,242	78,487	79,412	81,055	78,998	79,625
Supplementary series:																
Household durables .....	do.	57,753	64,856	4,910	4,971	5,252	5,284	5,534	5,461	5,470	5,607	5,644	5,782	5,810	5,978	5,694
Capital goods industries .....	do.	327,792	338,264	26,017	27,153	27,402	26,788	28,953	28,253	28,007	29,132	28,669	29,924	31,595	29,576	29,871
Nondefense .....	do.	271,379	273,591	20,762	22,037	22,131	21,612	23,616	22,570	22,566	23,704	23,077	24,262	25,840	23,933	24,052
Defense .....	do.	56,413	64,673	5,255	5,116	5,271	5,176	5,337	5,683	5,442	5,428	5,592	5,662	5,755	5,643	5,819
Inventories, end of year or month:																
Book value (unadjusted), total .....	do.	261,987	257,752	262,695	259,430	260,170	260,480	257,981	257,422	258,561	257,443	259,030	259,380	257,752	260,887	265,680
Durable goods industries, total .....	do.	172,615	168,731	173,009	171,120	171,819	172,589	170,623	169,590	170,219	168,843	169,084	169,291	168,731	170,437	174,339
Nondurable goods industries, total .....	do.	89,372	89,021	89,686	88,310	88,351	87,891	87,308	87,832	88,342	88,600	89,946	90,089	89,021	90,450	91,341
Book value (seasonally adjusted), total .....	do.	264,902	260,832	260,856	257,304	257,397	258,149	257,390	258,176	259,834	260,021	260,816	261,018	260,832	260,606	263,804
By industry group:																
Durable goods industries, total # .....	do.	175,200	171,470	171,572	169,377	169,814	170,734	169,840	169,693	170,576	170,385	170,628	170,964	171,470	170,742	172,894
Stone, clay, and glass products .....	do.	5,962	5,723	5,751	5,786	5,783	5,727	5,694	5,725	5,714	5,697	5,724	5,723	5,585	5,550	
Primary metals .....	do.	21,306	19,092	20,592	20,174	20,543	20,563	20,302	20,105	20,010	20,010	20,010	20,010	20,010	20,010	
Blast furnaces, steel mills .....	do.	10,603	9,031	9,945	9,770	10,008	9,961	9,808	9,771	9,560	9,463	9,494	9,031	8,794	8,955	
Fabricated metal products .....	do.	17,746	17,763	17,310	17,121	17,264	17,310	17,418	17,603	17,783	17,566	17,347	17,641	17,763	17,638	17,752
Machinery, except electrical .....	do.	40,153	36,614	39,234	38,636	38,269	38,197	37,842	37,310	37,316	37,078	36,957	36,926	36,614	36,578	36,997
Electrical machinery .....	do.	26,713	28,281	26,287	26,085	26,165	26,424	26,711	26,791	27,098	27,211	27,445	27,607	28,281	28,107	28,547
Transportation equipment .....	do.	40,491	40,562	39,771	39,150	39,278	39,826	39,267	39,334	39,594	39,805	39,977	39,794	40,562	40,642	41,151
Motor vehicles and parts .....	do.	8,308	9,423	8,175	8,144	8,367	8,466	8,375	8,594	8,537	8,602	8,724	8,844	9,423	9,528	9,667
Instruments and related products .....	do.	9,308	9,091	8,954	8,830	8,927	8,965	8,840	8,873	8,982	8,961	8,988	9,050	8,787	9,029	
By stage of fabrication:																
Materials and supplies .....	do.	52,543	51,749	51,410	50,016	50,268	50,582	50,333	50,137	50,849	51,006	51,016	51,395	51,749	51,806	52,326
Work in process .....	do.	77,908	77,426	76,420	75,896	76,018	76,486	75,928	76,081	76,116	76,270	76,857	76,633	77,426	76,849	78,011
Finished goods .....	do.	44,749	42,295	43,742	43,465	43,528	43,466	43,579	43,475	43,611	43,109	42,755	42,936	42,295	42,027	42,557
Nondurable goods industries, total # .....	do.	89,702	89,362	89,284	87,927	87,583	87,415	87,550	88,483	89,258	89,636	90,188	90,054	89,362	89,864	90,910
Food and kindred products .....	do.	20,680	20,825	20,733	20,654	20,536	20,496	20,201	20,325	21,081	21,119	20,859	20,775	20,825	21,115	21,373
Tobacco products .....	do.	4,370	4,273	4,549	4,596	4,707	4,609	5,030	4,641	4,608	4,507	4,461	4,273	4,223	4,133	
Textile mill products .....	do.	6,164	6,870	6,127	6,180	6,225	6,349	6,478	6,605	6,706	6,869	7,013	7,007	6,870	6,945	6,912
Paper and allied products .....	do.	8,607	8,766	8,483	8,370	8,304	8,347	8,326	8,334	8,391	8,490	8,675	8,813	8,766	8,818	8,887
Chemicals and allied products .....	do.	19,898	19,637	19,434	19,364	19,401	19,267	19,253	19,509	19,803	19,615	19,826	19,823	19,637	19,478	19,744
Petroleum and coal products .....	do.	9,411	8,208	9,782	8,855	8,584	8,584	8,505	8,487	8,330	8,628	8,686	8,430	8,208	8,256	8,630
Rubber and plastics products .....	do.	5,824	5,660	5,670	5,629	5,638	5,656	5,734	5,722	5,700	5,670	5,724	5,746	5,660	5,599	5,768
By stage of fabrication:																
Materials and supplies .....	do.	35,140	36,519	35,257	34,815	34,722	34,592	34,989	35,081	35,814	36,176	36,116	36,115	36,519	36,941	37,258
Work in process .....	do.	14,241	14,345	14,477	14,164	14,347	14,174	14,206	14,441	14,440	14,477	14,708	14,813	14,345	14,637	14,691
Finished goods .....	do.	40,321	38,498	39,550	38,948	38,514	38,649	38,355	39,011	39,004	38,983	39,364	39,126	38,498	38,286	38,961
By market category:																
Home goods and apparel .....	do.	20,244	21,055	19,889	19,737	19,800	19,893	20,226	20,229	20,334	20,544	20,804	20,825	21,055	21,318	21,459
Consumer staples .....	do.	33,266	32,617	33,307	33,192	32,998	32,982	32,327	32,327	32,327	32,750	32,642	32,739	32,617	33,011	33,202
Equip. and defense prod., exc. auto .....	do.	76,504	73,201	74,873	73,963	73,713	74,126	73,193	72,899	73,223	73,138	73,387	73,110	73,201	73,074	73,854
Automotive equipment .....	do.	10,473	11,590	10,260	10,123	10,297	10,509	10,426	10,635	10,664	10,641	10,740	10,955	11,590	11,643	11,838
Construction materials and supplies .....	do.	18,928	19,133	18,567	18,604	18,545	18,777	19,018	19,208	19,318	19,268	19,324	19,322	19,133	18,927	19,061
Other materials and supplies .....	do.	105,487	103,236	101,960	101,682	101,985	102,094	101,956	102,158	103,121	103,630	103,975	104,065	103,236	102,633	104,390
Supplementary series:																
Household durables .....	do.	9,895	10,113	9,802	9,666	9,749	9,786	9,862	9,774	9,806	9,907	9,951	9,880	10,113	10,144	10,272
Capital goods industries .....	do.	86,280	83,173	84,908	83,740	83,447	84,006	83,256	82,781	83,091	83,091	83,226	82,764	83,173	82,951	83,789
Nondefense .....	do.	70,297	65,358	68,407	66,916	66,597	66,766	65,945	65,433	65,286	65,643	65,944	65,427	65,358	65,171	65,530
Defense .....	do.	15,983	17,815	16,501	16,824	16,850	17,240	17,311	17,348	17,805	17,448	17,282	17,315	17,780	18,259	
New orders, net (not seas. adj.), total .....	do.	1,888,448	2,084,996	157,757	162,587	166,025	169,874	178,489	175,455	178,302	180,961	181,802	185,473	188,506	189,600	190,938
Durable goods industries, total .....	do.	1,9														

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983											1984			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	GENERAL BUSINESS INDICATORS—Continued																
<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued</b>																	
Unfilled orders, end of year or month (unadjusted), total	299,731	333,109	308,490	311,178	313,705	313,139	314,420	316,018	316,747	318,473	324,937	328,379	*333,100	*342,389	350,057		
Durable goods industries, total	290,757	322,553	299,227	301,397	303,720	303,057	304,334	305,658	306,099	307,547	314,130	317,781	322,553	*331,470	338,860		
Nondur. goods ind. with unfilled orders ‡ do...	8,974	10,547	9,263	9,781	9,985	10,082	10,086	10,360	10,648	10,926	10,807	10,598	10,547	*10,919	11,197		
Unfilled orders, end of year or month (seasonally adjusted) total	300,971	334,263	305,268	306,053	309,015	310,922	315,488	318,348	320,664	323,032	328,041	332,431	334,263	*340,126	346,182		
By industry group:																	
Durable goods industries, total # do...	291,764	323,463	296,049	296,407	299,270	301,053	305,374	307,963	310,024	312,048	317,185	321,453	323,463	*329,188	335,023		
Primary metals	20,160	26,290	22,308	22,567	22,561	23,042	23,410	23,830	24,788	25,710	26,289	27,184	26,290	*28,246	28,707		
Blast furnaces, steel mills	11,891	15,605	13,204	13,388	13,281	13,672	13,660	14,038	14,650	15,519	16,108	16,345	15,605	*17,287	17,757		
Nonferrous and other primary met	6,130	8,162	6,944	6,982	7,067	7,079	7,394	7,405	7,812	7,761	7,733	8,415	8,162	*8,302	8,245		
Fabricated metal products	21,531	20,295	21,052	21,255	21,003	21,012	21,090	20,967	20,982	20,834	20,565	20,528	20,295	*20,372	20,523		
Machinery, except electrical	55,697	58,266	53,859	53,999	54,690	55,213	55,445	54,888	55,168	56,759	58,556	58,573	58,266	*59,110	59,758		
Electrical machinery	60,600	70,353	61,246	61,408	61,967	63,078	63,317	65,076	66,192	66,863	68,392	69,049	70,353	*71,337	73,021		
Transportation equipment	120,898	133,185	124,576	123,997	125,463	124,783	127,593	128,279	128,020	126,827	128,132	130,941	*133,185	*134,754	137,482		
Aircraft, missiles, and parts	92,669	102,429	95,883	95,873	97,112	95,954	98,181	97,612	97,203	97,060	98,455	99,817	102,429	*103,589	105,162		
Nondur. goods ind. with unfilled orders ‡ do...	9,207	10,800	9,219	9,646	9,745	9,869	10,114	10,385	10,640	10,984	10,856	10,978	10,800	*10,938	11,159		
By market category:																	
Home goods and apparel *	3,457	4,222	3,695	3,589	3,575	4,015	4,051	4,199	4,272	4,153	4,016	4,039	4,222	*4,516	4,702		
Consumer staples *	815	745	778	759	775	759	732	691	720	739	716	760	745	*722	692		
Equip. and defense prod., excl. auto *	183,026	195,145	184,266	182,729	185,457	185,639	188,209	188,212	187,894	189,477	191,853	194,432	195,145	*197,008	201,203		
Automotive equipment *	5,282	7,688	5,330	5,234	5,512	5,573	5,800	6,166	6,765	6,578	7,050	7,335	7,688	*7,966	8,070		
Construction materials and supplies	12,769	12,157	12,478	13,003	12,889	12,627	12,691	12,523	12,685	12,523	12,456	12,376	12,157	*12,101	12,325		
Other materials and supplies	95,622	114,306	98,721	100,739	100,823	102,293	104,005	106,557	108,328	109,562	111,950	113,489	114,306	*117,813	119,190		
Supplementary series:																	
Household durables	3,032	3,701	3,189	3,159	3,156	3,572	3,575	3,726	3,809	3,655	3,548	3,550	3,701	*4,003	4,117		
Capital goods industries	219,633	235,555	221,843	221,290	223,562	223,780	227,053	227,281	226,847	227,872	230,732	233,452	235,555	*237,888	242,429		
Nondefense	122,942	123,647	120,664	118,688	119,122	119,734	120,405	119,416	119,880	121,388	124,314	124,630	123,647	*125,000	127,816		
Defense	96,691	111,908	101,179	102,632	104,440	104,046	106,648	107,865	106,967	106,484	106,418	108,822	111,908	*112,888	114,613		
<b>BUSINESS INCORPORATIONS @</b>																	
New incorporations (50 States and Dist. Col.):																	
Unadjusted number	566,942	600,400	43,756	53,796	49,294	50,763	54,357	47,726	53,515	49,890	49,331	47,924	51,969	.....	.....	.....	
Seasonally adjusted			48,296	48,032	48,903	50,211	50,992	48,601	52,828	50,445	50,441	51,642	51,557	.....	.....	.....	
<b>INDUSTRIAL AND COMMERCIAL FAILURES @</b>																	
Failures, total number	(*)																
Commercial service																	
Construction																	
Manufacturing and mining																	
Retail trade																	
Wholesale trade																	
Liabilities (current), total thous. \$	(*)																
Commercial service																	
Construction																	
Manufacturing and mining																	
Retail trade																	
Wholesale trade																	
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..	609	616	605	612	622	624	612	601	635	621	614	615	641	660	*658	666	
Crops # do...	524	555	510	526	549	559	548	545	601	583	579	593	593	599	*592	609	
Commercial vegetables	630	654	624	705	749	701	698	582	595	619	670	657	722	815	*843	865	
Cotton	469	534	487	525	510	537	528	566	566	533	540	564	568	529	*555	585	
Feed grains and hay	378	453	400	416	447	466	460	464	490	490	476	476	476	479	*473	487	
Food grains	401	407	405	412	423	423	396	380	410	414	412	405	397	399	*391	395	
Fruit	649	474	485	452	464	476	475	441	597	394	433	443	527	479	*473	490	
Tobacco	1,489	1,513	1,521	1,517	1,517	1,526	1,521	1,521	1,465	1,570	1,521	1,478	1,465	1,469	1,457	1,448	
Livestock and products # do...	696	678	705	703	698	691	679	659	669	660	649	651	689	724	*726	724	
Dairy products	831	829	844	832	826	813	807	807	813	826	844	850	844	832	*820	807	
Meat animals	876	830	893	895	891	874	848	806	813	781	758	742	804	853	*869	885	
Poultry and eggs	252	269	244	242	236	252	257	262	278	294	283	312	335	373	364	339	
Prices paid:																	
Production items	865	884	873	878	885	888	887	881	886	889	885	891	895	901	903	913	
All commodities and services, interest, taxes, and wage rates (parity index) ..... 1910-14=100..	1,076	1,105	1,093	1,096	1,102	1,106	1,107	1,104	1,108	1,112	1,110	1,116	1,119	1,128	1,132	1,140	
Parity ratio \$ do...	57	56	55	56	56	56	55	54	57	56	55	55	57	59	*58	58	
<b>CONSUMER PRICES (U.S. Department of Labor Indexes)</b>																	
Not Seasonally Adjusted																	
<b>ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W) ..... 1967=100..</b>	288.6	297.4	292.3	293.0	294.9	296.3	297.2	298.2	299.5	300.8	301.3	301.4	301.5	302.7	303.3	303.3	
<b>ALL ITEMS, ALL URBAN CONSUMERS (CPI-U) △ ..... 1967=100..</b>	289.1	298.4	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	305.2	306.6	307.3	
Special group indexes:																	
All items less shelter	273.3	283.5	278.5	278.7	280.8	282.4	283.4	284.5	285.4	286.8	287.5	287.8	288.1	289.8	291.4	291.9	
All items less food △	288.4	298.3	292.6	292.4	294.												

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>COMMODITY PRICES—Continued</b>																		
<b>CONSUMER PRICES—Continued</b> <i>(U.S. Department of Labor Indexes)—Continued</i>																		
Not Seasonally Adjusted																		
All items (CPI-U)—Continued																		
Commodities ♦ ..... 1967=100..	263.8	271.5	266.7	266.7	269.2	270.9	271.6	272.5	273.4	274.5	275.0	275.2	275.5	276.8	278.3	278.7		
Nondurables ..... do....	273.6	279.0	274.6	274.4	277.3	279.3	279.7	280.3	281.0	281.7	281.1	281.2	283.2	285.3	285.5			
Nondurables less food ..... do....	261.6	266.3	260.5	258.9	263.0	266.3	267.3	268.4	269.6	270.6	270.2	269.5	268.5	267.4	269.1	269.3		
Durables ..... do....	241.1	253.0	247.1	247.4	248.7	249.5	251.2	252.9	254.3	256.4	258.7	261.0	261.8	261.4	260.9	262.2		
Commodities less food ♦ ..... do....	250.9	259.0	253.2	252.4	255.4	257.6	258.9	260.2	261.4	262.9	263.6	264.1	263.8	263.0	263.8	264.4		
Services ♦ ..... do....	333.3	344.9	338.9	339.4	341.2	342.6	344.0	346.8	349.0	350.2	351.0	351.6	353.9	355.3	356.5			
Food # ..... do....	285.7	291.7	289.0	290.5	291.9	292.4	292.0	292.0	292.2	292.6	292.9	292.5	293.9	299.4	302.1	302.2		
Food at home ..... do....	279.2	282.2	280.3	281.9	283.4	283.8	283.0	282.8	282.5	282.5	282.3	281.4	283.0	290.2	293.6	293.1		
Housing ♦ ..... do....	314.7	323.1	318.5	318.6	320.3	321.8	323.1	324.5	324.8	326.4	326.8	327.0	327.4	329.2	331.0	321.5		
Shelter # ..... do....	337.0	344.8	339.3	339.3	341.7	342.7	343.6	345.3	346.6	348.5	349.8	351.1	351.8	353.2	354.0	355.5		
Rent, residential ..... do....	224.0	236.9	233.1	233.6	234.5	235.1	235.9	237.1	238.2	239.5	240.4	241.3	242.0	242.9	243.6	244.8		
Homeowners' cost * ..... Dec. 1982=100..	102.5	109.0	100.9	101.7	102.0	102.2	102.7	103.0	103.5	103.9	104.3	104.5	104.9	105.1	105.6			
Fuel and utilities # ..... 1967=100..	350.8	370.3	364.6	363.8	363.6	369.3	373.6	375.5	375.1	376.4	374.4	371.3	370.6	383.0	380.1	380.1		
Fuel oil, coal, and bottled gas ..... do....	667.9	628.0	654.0	625.3	610.6	621.0	620.0	619.3	619.0	623.2	624.7	623.9	624.8	688.6	660.0			
Gas (piped) and electricity ..... do....	393.8	428.7	414.5	418.0	420.5	429.1	437.4	440.5	439.1	440.5	435.6	428.2	427.5	429.0	429.5			
Household furnishings and operation ♦ ..... do....	233.2	238.5	236.7	237.6	239.0	238.4	238.6	238.9	238.0	239.4	240.5	240.4	240.4	241.2				
Apparel and upkeep ..... do....	191.8	196.5	192.0	194.5	195.5	196.1	195.6	195.0	197.3	200.4	200.7	200.7	199.3	196.4	196.2	198.8		
Transportation ..... do....	291.5	298.4	289.9	287.4	292.3	296.2	298.3	300.4	302.4	303.7	305.0	306.3	306.0	305.8	306.9			
Private ..... do....	287.5	293.9	285.2	282.7	287.5	291.7	293.8	296.0	298.0	299.2	300.4	301.7	301.8	300.9	301.9			
New cars ..... do....	197.6	202.6	201.3	201.2	201.6	201.6	201.6	201.4	202.1	202.7	204.3	206.2	207.0	207.2	207.2			
Used cars ..... do....	296.4	329.7	309.1	309.3	312.7	317.1	322.7	329.6	336.8	343.9	350.4	356.1	357.6	357.3	362.2			
Public ..... do....	346.0	362.6	355.2	354.5	361.1	359.2	361.2	363.2	365.0	366.6	368.2	370.3	369.0	378.2	377.4	377.4		
Medical care ..... do....	328.7	357.3	351.3	352.3	353.5	354.3	355.4	357.7	360.0	361.2	362.9	364.9	366.2	369.5	373.2	374.5		
Seasonally Adjusted ‡																		
All items, percent change from previous month ♦ ..... 1967=100..	-0.1	0.1	0.7	0.4	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.6	0.4	0.2			
Commodities ..... 1967=100..	267.0	266.9	269.0	270.4	270.7	271.6	272.6	273.6	274.5	275.1	275.8	277.7	278.6	279.1				
Commodities less food ♦ ..... do....	253.7	253.0	255.5	257.4	258.1	259.5	260.8	262.0	262.8	263.4	263.7	263.9	264.3	265.1				
Food ..... do....	289.1	290.3	291.5	292.1	291.5	291.2	291.7	292.3	293.5	294.1	295.4	300.2	302.2	301.8				
Food at home ..... do....	280.5	281.7	282.9	283.4	282.1	281.5	281.8	282.8	283.0	284.4	291.2	293.7	292.7					
Apparel and upkeep ..... do....	194.2	194.2	194.7	195.7	196.3	197.3	197.9	198.2	198.2	198.5	198.5	199.0	198.5					
Transportation ..... do....	290.6	289.7	293.7	296.4	297.3	298.7	300.8	302.8	304.4	305.5	306.1	306.6	307.6	309.4				
Private ..... do....	286.2	285.2	289.1	292.1	292.9	294.2	296.4	298.4	300.0	301.1	301.7	301.7	301.7	304.6				
New cars ..... do....	200.6	201.4	201.4	201.1	201.3	201.7	203.3	204.9	205.5	205.3	205.7	205.6	205.6	206.4	207.4			
Services ♦ ..... do....	339.4	339.9	341.9	342.8	343.9	345.5	346.8	348.2	349.5	351.4	352.4	354.1	355.6	356.7				
PRODUCER PRICES §																		
(U.S. Department of Labor Indexes)																		
Not Seasonally Adjusted																		
All commodities ..... 1967=100..	299.3	303.1	300.9	300.6	300.6	301.5	302.4	303.2	304.7	305.3	306.0	305.5	306.0	308.1	308.8	311.1		
By stage of processing:																		
Crude materials for further processing ..... do....	319.5	323.6	320.2	321.6	325.8	325.8	323.3	320.6	327.1	328.5	324.8	324.0	327.8	333.7	332.8	339.4		
Intermediate materials, supplies, etc. .... do....	310.4	312.4	309.9	309.5	308.7	309.7	311.3	312.8	314.0	315.5	315.6	315.8	316.6	317.4	319.5			
Finished goods # ..... do....	280.7	285.2	284.1	283.4	283.1	284.2	285.0	285.7	286.1	285.1	287.6	287.1	289.4	290.6	291.7			
Finished consumer goods ..... do....	281.0	284.6	283.7	282.7	282.3	283.6	284.6	285.2	285.7	285.1	287.0	285.9	286.1	288.8	290.1	291.4		
Capital equipment ..... do....	279.4	287.3	285.6	286.2	286.5	286.2	287.2	287.7	288.1	289.1	290.0	290.5	291.5	292.5	292.7			
By durability of product:																		
Durable goods ..... do....	279.0	286.7	284.8	284.6	285.3	286.0	286.7	287.4	287.8	288.6	289.2	289.3	290.7	292.2	293.2			
Non durable goods ..... do....	315.3	315.8	313.4	313.0	312.4	313.5	314.5	315.4	317.8	319.7	319.1	318.1	318.5	321.6	321.7	325.0		
Total manufactures ..... do....	292.7	295.7	293.9	293.2	292.7	293.7	295.0	296.1	296.9	297.2	298.5	298.4	298.7	300.0	301.0	302.7		
Durable manufactures ..... do....	279.8	287.3	285.7	285.3	286.0	286.7	287.3	288.0	288.3	287.2	289.6	290.3	291.1	292.4	293.3			
Non durable manufactures ..... do....	306.4	304.4	302.5	301.4	299.7	301.0	303.1	304.5	305.9	307.8	307.7	307.4	307.5	309.4	310.0	312.5		
Farm prod., processed foods and feeds ..... do....	248.9	253.9	250.4	250.6	254.7	254.7	252.5	251.5	255.5	259.1	257.5	256.0	257.8	264.4	263.5	268.3		
Farm products ..... do....	242.4	248.2	240.7	241.5	250.5	250.4	247.4	244.3	253.5	256.4	251.0	254.0	254.0	263.3	261.5	267.4		
Foods and feeds, processed ..... do....	251.5	256.0	254.7	254.5	256.0	256.1	254.3	254.4	255.5	259.6	257.8	257.6	258.8	263.9	263.5	267.8		
Industrial commodities ..... do....	312.3	315.8	313.9	313.5	312.4	313.6	315.3	316.5	317.3	317.1	318.5	318.3	318.4	319.2	320.4	321.9		
Chemicals and allied products ..... do....	292.3	292.9	290.5	289.8	291.3	291.1	290.8	293.7	294.4	295.9	295.5	296.4	296.6	298.5	296.7	300.8		
Fuels and related prod., and power ..... do....	693.2	665.9	668.6	658.0	644.8	651.9	665.5	668.7	671.7	672.3	669.5	663.7	662.1	655.8	656.7	659.6		
Furniture and household durables ..... do....	206.9	213.9	212.5	212.3	212.8	213.6	214											

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	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>CONSTRUCTION AND REAL ESTATE</b>																		
<b>CONSTRUCTION PUT IN PLACE</b>																		
New construction (unadjusted), total mil. \$..	232,049	262,667	16,314	18,259	19,597	21,461	23,578	24,389	26,123	26,507	24,352	23,514	21,458	19,218	19,999			
Private, total # do..	180,979	212,287	13,358	15,058	16,071	17,382	18,966	19,558	20,549	21,015	19,651	19,019	17,840	16,043	16,821			
Residential do..	74,810	110,708	6,082	7,163	8,221	9,222	10,167	10,991	11,600	11,872	10,721	9,952	8,484	8,216	8,498			
New housing units do..	51,916	85,189	4,510	5,463	6,066	6,799	7,743	8,361	8,753	8,884	8,569	8,337	7,259	6,709	6,660			
Nonresidential buildings, except farm and public utilities, total # mil. \$..	65,134	61,117	4,553	4,793	4,733	4,797	5,184	5,158	5,547	5,489	5,293	5,458	5,287	4,957	5,393			
Industrial do..	17,343	13,144	1,039	1,117	1,074	1,068	1,131	1,066	1,244	1,156	967	1,058	1,111	961	1,078			
Commercial do..	37,284	36,269	2,663	2,751	2,770	2,812	3,108	3,135	3,242	3,236	3,231	3,321	3,185	3,010	3,293			
Public utilities:																		
Telephone and telegraph do..	7,110	6,430	448	561	501	547	581	517	397	587	588	606	662	411				
Public, total # do..	51,070	50,381	2,956	3,200	3,526	4,079	4,612	4,831	5,574	5,492	4,701	4,495	3,617	3,178				
Buildings (excluding military) # do..	16,997	17,231	1,265	1,326	1,332	1,423	1,523	1,537	1,683	1,600	1,456	1,430	1,312	1,259	1,224			
Housing and redevelopment do..	1,658	1,678	133	151	136	137	133	120	151	147	151	141	136	110	120			
Industrial do..	1,632	1,800	126	151	137	154	152	166	137	200	143	145	135	121	136			
Military facilities do..	2,205	2,536	194	198	212	199	161	239	207	253	192	268	233	216	218			
Highways and streets do..	13,521	14,177	489	558	770	1,115	1,415	1,547	2,023	1,866	1,694	1,326	802	590	634			
New construction (seasonally adjusted at annual rates), total bil. \$..			243.0	241.9	247.4	254.8	264.3	274.2	282.0	285.4	265.6	265.8	265.3	276.0	295.0			
Private, total # do..			194.3	194.9	199.5	206.0	214.7	222.8	228.5	232.6	217.0	214.9	215.5	225.3	242.8			
Residential do..			93.6	96.1	102.0	107.5	113.5	122.3	127.1	129.1	116.5	110.4	108.0	117.0	128.5			
New housing units do..			68.8	72.3	77.3	82.2	87.9	92.7	94.8	95.0	92.1	91.9	92.6	95.2	100.1			
Nonresidential buildings, except farm and public utilities, total # bil. \$..			62.7	61.3	57.6	57.6	60.0	59.3	62.5	62.6	58.9	62.4	64.0	67.0	73.3			
Industrial do..			14.3	14.3	13.2	13.0	13.1	12.2	14.2	13.2	10.5	12.3	12.9	13.1	14.9			
Commercial do..			36.7	35.5	33.6	33.3	35.9	35.9	36.3	36.9	36.1	39.0	40.9	44.8				
Public utilities:																		
Telephone and telegraph do..			6.6	6.3	6.3	6.6	6.5	6.3	4.3	6.5	6.5	6.9	8.0	6.2				
Public, total # do..			48.7	47.0	47.9	48.7	49.6	51.4	53.5	52.8	48.6	50.9	49.8	50.7	52.2			
Buildings (excluding military) # do..			17.9	17.2	16.8	17.3	17.4	17.7	18.3	17.2	16.8	16.5	16.0	17.2	16.8			
Housing and redevelopment do..			1.8	1.9	1.6	1.6	1.6	1.4	1.8	1.8	1.6	1.6	1.6	1.4	1.6			
Industrial do..			1.8	1.8	1.6	1.7	1.7	2.0	1.7	1.9	2.0	2.1	1.6	1.4	2.0			
Military facilities do..			2.4	2.5	2.8	2.3	1.9	2.7	2.3	2.7	2.5	3.2	3.0	2.8	2.7			
Highways and streets do..			12.5	11.9	12.9	13.0	12.9	14.1	15.9	15.9	14.6	14.4	14.8	13.7	15.4			
<b>CONSTRUCTION CONTRACTS</b>																		
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																		
Valuation, total mil. \$..	156,240	192,751	11,355	16,100	16,336	18,934	20,339	17,028	18,597	17,388	16,227	15,365	13,422	13,751	14,155	17,577		
Index (mo. data seas. adj.) 1977=100	"112	"138	119	131	129	148	151	137	154	143	139	145	134	150	150	144		
Public ownership mil. \$..	41,256	45,308	2,562	3,807	3,735	4,479	5,070	4,162	4,621	4,369	3,806	3,307	3,138	2,700	3,790	3,860		
Private ownership do..	114,984	147,442	8,793	12,293	12,602	14,455	15,270	12,866	13,976	13,019	12,421	12,058	10,284	11,051	10,365	13,716		
By type of building:																		
Nonresidential do..	59,594	61,905	4,143	5,278	4,549	5,246	6,334	5,312	6,006	5,437	5,795	5,511	4,741	5,300	4,249	5,849		
Residential do..	59,210	93,201	4,942	7,945	7,667	8,235	10,158	8,471	9,257	8,644	8,221	7,575	6,482	6,600	6,800	8,806		
Non-building construction do..	37,436	37,645	2,270	2,878	4,120	5,453	3,847	3,246	3,334	3,308	2,210	2,280	2,200	1,851	3,106	2,921		
New construction planning (Engineering News-Record) \$..	149,206	162,576	11,802	12,737	10,930	11,165	13,185	9,729	13,206	12,902	12,744	16,795	24,714	12,685	17,259	16,851		
<b>HOUSING STARTS AND PERMITS</b>																		
New housing units started:																		
Unadjusted:																		
Total (private and public) thous.	1,072.0	1,712.4	96.7	135.8	136.4	175.5	173.8	162.0	177.7	156.8	159.9	136.4	108.5	109.2	128.3	135.5		
Privately owned do..	1,062.2	1,703.0	96.3	134.6	135.8	174.9	173.2	161.6	176.8	154.9	159.3	136.0	108.3	109.1	127.9	134.9		
One-family structures do..	662.6	1,067.6	60.4	86.2	93.2	114.9	114.2	100.4	109.9	97.2	91.9	81.9	61.0	67.7	79.8	83.9		
Seasonally adjusted at annual rates: †																		
Total privately owned do..			1,706	1,592	1,549	1,779	1,743	1,793	1,873	1,679	1,672	1,730	1,694	1,980	2,231	1,638		
One-family structures do..			1,066	1,016	1,030	1,150	1,124	1,048	1,124	1,038	1,017	1,074	1,021	1,301	1,447	1,026		
New private housing units authorized by building permits (16,000 permit-issuing places):																		
Monthly data are seas. adj. at annual rates:																		
Total thous.	1,000	1,594	1,479	835	1,467	1,536	1,635	1,761	1,782	1,652	1,506	1,630	1,642	1,549	1,817	1,946	1,714	969
One-family structures do..	546	894	835	859	841	940	1,013	920	874	837	880	911	898	1,001	1,107			
Manufacturers' shipments of mobile homes @ Unadjusted thous.	239.6	295.6	19.7	25.4	25.1	26.8	29.5	23.4	30.2	28.1	26.8	23.5	18.7	20.0	22.2			
Unadjusted thous.	277	275	284	289	299	306	305	296	307	305	308	313	310	314	293			
Seasonally adjusted at annual rates do..																		
<b>CONSTRUCTION COST INDEXES</b>																		
Dept. of Commerce composite 1977=100..	154.1	157.1	156.8	156.5	156.8	155.3	154.2	156.8	158.4	158.9	158.5	157.3	158.6	159.9	160.3			
American Appraisal Co., The: Average, 30 cities 1913=100..																		
Atlanta do..																		
New York do..																		
San Francisco do..																		
St. Louis do..																		
Boeck index: Average, 20 cities:																		
Apartments, hotels, office buildings.. 1977=100..	150.0	159.6	155.8	157.7	161.7	164.4	162.0	163.2	165.2	165.4	163.3	164.9	166.9	162.7	165.1	167.4	162.8	
Commercial and factory buildings .. do..	151.9	162.6	159.7	161.7	164.4	167.8	157.8	158.5	158.8	158.8	158.8	158.8	158.8	158.8	158.8	158.8	158.8	
Residences .. do..	147.5</td																	

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	1982	1983	1983												1984			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>CONSTRUCTION AND REAL ESTATE—Continued</b>																		
<b>REAL ESTATE ◊</b>																		
Mortgage applications for new home construction:																		
FHA net applications ..... thous. units..	99.8	176.1	12.0	17.1	16.5	15.1	*19.0	16.8	20.3	14.5	11.9	11.2	9.6	9.7	10.3	12.9		
Seasonally adjusted annual rates ..... do....			167	180	187	156	*212	209	218	168	146	148	139	136	134	139		
Requests for VA appraisals ..... do....	155.0	262.8	21.0	27.3	22.7	22.4	26.3	22.7	28.0	21.4	17.3	17.9	*16.5	15.0	21.2	24.3		
Seasonally adjusted annual rates ..... do....			278	292	249	245	293	266	288	255	205	204	259	201	260	263		
Home mortgages insured or guaranteed by:																		
Fed. Hous. Adm.: Face amount ..... mil. \$.	8,087.07	26,571.82	1,100.29	2,026.13	2,447.06	1,637.70	3,427.90	2,464.19	2,174.87	3,933.79	2,190.42	2,674.40	1,580.28	1,169.61	1,516.84			
Vet. Adm.: Face amount \$ ..... do....	5,428.27	17,896.60	961.02	1,243.48	1,189.71	1,910.77	1,541.01	1,223.94	2,193.18	2,091.70	1,934.18	1,598.29	1,447.58	1,543.78	1,449.02	1,201.61		
Federal Home Loan Banks, outstanding advances to member institutions, end of period ..... mil. \$.	66,004	58,953	61,004	60,024	59,371	58,628	58,800	58,264	57,377	57,862	58,560	57,712	58,953	57,397	57,171	57,608		
New mortgage loans of all savings and loan associations, estimated total ..... mil. \$.	54,298	135,290	6,432	10,104	10,475	10,997	14,186	12,854	13,992	13,637	11,070	11,175	14,483	*10,249	10,196			
By purpose of loan:																		
Home construction ..... do....	11,765	26,096	1,344	2,169	2,273	2,252	2,605	2,302	2,481	2,437	2,155	2,162	2,760	*1,788	1,903			
Home purchase ..... do....	21,779	53,982	2,254	3,447	3,839	4,438	5,783	5,512	6,327	5,648	4,810	4,516	5,229	*3,953	3,715			
All other purposes ..... do....	20,754	55,212	2,834	4,486	4,363	4,307	5,798	5,040	5,184	5,552	4,105	4,497	6,494	*4,508	4,578			

**DOMESTIC TRADE**

<b>ADVERTISING</b>																		
Magazine advertising (Publishers Advertising Report, Inc.):																		
Cost, total ..... mil. \$.	3,428.9	3,939.1	275.9	320.6	330.9	374.7	295.5	249.3	250.0	347.6	448.9	447.0	368.2					
Apparel and accessories ..... do....	155.7	206.2	10.3	20.4	17.3	15.7	9.0	8.9	20.0	32.6	24.2	22.0	16.9					
Automotive, incl. accessories ..... do....	333.5	404.5	32.0	35.8	36.2	45.6	34.6	24.5	22.6	19.6	47.7	46.5	40.1					
Building materials ..... do....	52.2	52.3	2.6	3.7	5.0	7.0	2.5	3.4	2.9	8.0	4.4	4.3	2.1					
Drugs and toiletries ..... do....	330.6	383.6	27.1	31.6	36.2	39.5	30.8	27.3	28.6	37.1	38.5	37.3	29.4					
Foods, soft drinks, confectionery ..... do....	263.8	292.3	23.7	23.9	20.7	24.9	21.6	23.2	18.2	22.7	34.6	38.5	26.2					
Beer, wine, liquors ..... do....	257.6	242.6	13.6	19.6	19.6	20.5	21.5	14.6	13.0	17.3	25.6	30.0	37.2					
Houshold equip., supplies, furnishings ..... do....	147.4	175.7	8.0	12.2	17.2	19.6	11.5	10.6	7.2	18.2	22.0	24.9	16.3					
Industrial materials ..... do....	50.9	43.7	2.3	3.1	3.3	4.4	2.9	2.5	2.7	4.5	5.7	6.0	4.3					
Soaps, cleansers, etc ..... do....	26.6	25.3	2.0	1.9	2.6	2.6	1.5	1.1	2.1	2.1	3.6	2.8	1.7					
Smoking materials ..... do....	358.6	397.8	31.4	34.9	36.0	38.2	36.4	35.3	29.9	28.0	33.3	31.9	31.2					
All other ..... do....	1,452.0	1,714.9	122.9	133.5	136.8	156.3	121.6	98.0	103.0	157.4	209.4	202.8	163.1					
Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.):																		
Total * ..... mil. \$.	17,694	20,582	1,407	1,668	1,584	1,825	1,742	1,612	1,686	1,690	2,074	2,016	1,872	1,589				
Classified ..... do....	4,852	6,006	414	473	472	532	522	540	539	515	625	516	440	539				
National ..... do....	2,482	2,734	212	235	226	255	228	192	194	220	282	273	206	224				
Retail ..... do....	10,390	11,841	781	961	1,038	992	880	954	956	1,166	1,227	1,226	825					
<b>WHOLESALE TRADE †</b>																		
Merchant wholesalers sales (unadj.), total ..... mil. \$.	1,137,175	1,183,790	'84,566	'100,445	'90,803	'98,304	'103,032	'94,672	'103,062	'102,862	'106,051	'105,762	'107,361	'104,313	103,675			
Durable goods establishments ..... do....	467,107	504,810	'34,978	'41,781	'38,479	'40,870	'44,858	'40,811	'44,809	'44,754	'46,300	'45,621	'43,165	44,880				
Nondurable goods establishments ..... do....	670,068	'678,980	'49,588	'58,664	'52,324	'57,434	'58,174	'53,861	'58,253	'58,108	'59,751	'60,142	'61,740	'61,148	58,795			
Merchant wholesalers inventories, book value, end of year or month (unadj.), total ..... mil. \$.	116,765	119,421	'115,300	'115,695	'115,115	'112,624	'112,130	'112,019	'112,420	'114,993	'117,778	'118,566	'119,421	'119,818	121,373			
Durable goods establishments ..... do....	'75,633	'75,432	'73,980	'74,178	'74,048	'73,228	'73,371	'73,339	'73,368	'74,769	'74,582	'74,417	'75,432	'75,185	76,447			
Nondurable goods establishments ..... do....	'41,132	'43,989	'41,320	'41,517	'39,396	'38,759	'38,680	'39,052	'40,224	'43,196	'44,149	'43,989	'44,633	'44,926				
<b>RETAIL TRADE ‡</b>																		
All retail stores:																		
Estimated sales (unadj.), total ..... mil. \$.	1,074,561	1,173,966	'78,863	'98,740	'93,856	'97,831	'100,605	'99,444	'100,131	'97,926	'100,658	'103,865	'125,759	'93,089	'93,925	'103,768		
Durable goods stores # ..... do....	'324,489	'385,141	'24,538	'31,307	'30,826	'33,201	'35,568	'33,387	'33,587	'32,769	'33,593	'34,002	'38,188	'31,170	'32,971	'36,610		
Building materials, hardware, garden supply, and mobile home dealers ..... mil. \$.	'51,301	'59,873	'3,340	'4,519	'4,823	'5,721	'5,999	'5,591	'5,660	'5,446	'5,557	'5,103	'4,863	'4,141	'4,338	'5,075		
Automotive dealers ..... do....	'182,607	'221,687	'14,560	'19,298	'18,454	'19,644	'21,293	'19,621	'19,207	'18,659	'19,219	'19,036	'18,910	'18,792	'20,594	'22,698		
Furniture, home furn., and equip. .... do....	'46,106	'51,774	'3,422	'4,010	'3,912	'3,953	'4,153	'4,279	'4,544	'4,428	'4,428	'4,899	'6,207	'4,279	'4,113	'4,598		
Nondurable goods stores ..... do....	'750,072	'788,825	'54,325	'62,433	'63,030	'64,630	'65,037	'66,057	'66,544	'65,157	'67,065	'69,863	'87,571	'61,919	'60,954	'67,158		
General merch. group stores ..... do....	'132,581	'142,997	'7,830	'10,342	'10,591	'11,297	'11,263	'10,665	'11,521	'11,199	'12,063	'14,755	'23,492	'8,853	'9,167	'11,208		
Food stores ..... do....	'249,257	'259,441	'19,032	'21,162	'21,392	'21,505	'21,868	'23,049	'21,921	'21,878	'21,780	'21,501	'24,304	'21,110	'20,834	'22,825		
Gasoline service stations ..... do....	'103,547	'103,121	'7,267	'7,983	'8,227	'8,768	'9,013	'9,368	'9,356	'8,839	'8,836	'8,917	'8,340	'7,980	'8,435			
Apparel and accessory stores ..... do....	'51,387	'54,005	'3,145	'4,118	'4,266	'4,264	'4,178	'4,043	'4,555	'4,312	'4,617	'5,169	'7,910	'3,765	'3,610	'4,296		
Eating and drinking places ..... do....	'104,715	'115,710	'8,160	'9,363	'9,582	'9,898	'10,070	'10,520	'10,420	'9,941	'10,113	'9,724	'9,210	'9,301	'10,073			
Drug and proprietary stores ..... do....	'35,967	'38,766	'2,911	'3,187	'3,094	'3,147	'3,164	'3,126	'3,201	'3,134	'3,168	'3,251	'4,428	'3,249	'3,243	'3,395		
Liquor stores ..... do....	'19,394	'19,690	'1,360	'1,486	'1,530	'1,555	'1,608	'1,703	'1,656	'1,611	'1,603	'1,689	'2,470	'1,481	'1,439			
Estimated sales (seas. adj.), total ..... do....			'92,211	'93,804	'95,125	'97,239	'98,638	'98,832	'98,277	'99,537	'100,923	'101,896	'102,438	'106,602	'105,744	'103,400		
Durable goods stores # ..... do....			'28,840	'29,986	'30,671	'31,705	'32,790	'32,597	'31,951	'32,905	'33,882	'34,641	'35,532	'37,127	'36,965	'35,250		
Building materials, hardware, garden supply, and mobile home dealers # ..... mil. \$.			'4,511	'4,673	'4,798	'5,032	'5,131	'5,117										

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			

### DOMESTIC TRADE—Continued

RETAIL TRADE—Continued																		
All retail stores—Continued																		
Estimated sales (seas. adj.)—Continued																		
Non durable goods stores..... mil. \$.																		
General merch. group stores .....	do.	'63,371	'63,818	'64,454	'65,534	'65,848	'66,235	'66,326	'66,632	'67,041	'67,255	'66,906	'69,475	'68,779	'68,150			
Department stores .....	do.	'11,275	'11,400	'11,415	'11,694	'11,871	'11,878	'12,001	'12,112	'12,317	'12,330	'12,835	'12,810	'12,417				
Variety stores .....	do.	'9,157	'9,328	'9,313	'9,542	'9,721	'9,666	'9,709	'9,784	'9,893	'10,026	'10,546	'10,502	'10,151				
Food stores.....	do.	'21,072	'21,215	'21,326	'21,572	'21,673	'21,915	'21,819	'21,943	'21,992	'21,978	'21,754	'22,468	'22,254	'22,287			
Grocery stores .....	do.	'19,820	'19,945	'20,069	'20,287	'20,402	'20,618	'20,505	'20,611	'20,669	'20,642	'20,410	'21,189	'20,959	'20,953			
Gasoline service stations.....	do.	'8,184	'8,230	'8,395	'8,690	'8,675	'8,739	'8,851	'8,760	'8,731	'8,673	'8,759	'8,751	'8,702	'8,687			
Apparel and accessory stores # .....	do.	'4,259	'4,285	'4,447	'4,560	'4,546	'4,467	'4,430	'4,451	'4,570	'4,676	'4,665	'4,704	'4,721	'4,664			
Men's and boys' clothing .....	do.	'664	'660	'687	'706	'685	'680	'657	'659	'679	'696	'685	'698	'673				
Women's clothing, spec. stores, furriers .....	do.	'1,664	'1,698	'1,719	'1,770	'1,747	'1,726	'1,706	'1,734	'1,831	'1,895	'1,888	'1,901	'1,939				
Shoe stores .....	do.	'755	'740	'767	'775	'781	'769	'768	'783	'793	'788	'814	'808					
Eating and drinking places .....	do.	'9,412	'9,448	'9,468	'9,536	'9,581	'9,723	'9,729	'9,833	'9,924	'9,983	'9,714	'10,268	'10,357	'10,023			
Drug and proprietary stores .....	do.	'3,181	'3,190	'3,183	'3,209	'3,253	'3,273	'3,306	'3,297	'3,311	'3,258	'3,434	'3,417	'3,412				
Liquor stores .....	do.	'1,587	'1,594	'1,604	'1,608	'1,621	'1,633	'1,646	'1,675	'1,661	'1,682	'1,689	'1,689	'1,622				
Estimated inventories, end of year or month:																		
Book value (unadjusted), total..... mil. \$.	'122,163	'132,302	'123,622	'126,128	'126,613	'128,167	'128,908	'128,360	'129,869	'134,195	'140,005	'143,866	'132,302	'132,584				
Durable goods stores # .....	do.	'56,176	'62,820	'58,077	'58,213	'58,201	'59,440	'59,876	'58,546	'57,998	'59,804	'61,577	'63,968	'62,820	'63,169			
Building materials, hardware, garden supply, and mobile home dealers .....	do.	'9,470	'10,327	'9,993	'10,372	'10,381	'10,436	'10,444	'10,272	'10,375	'10,394	'10,288	'10,279	'10,327	'10,413			
Automotive dealers .....	do.	'25,458	'29,643	'26,309	'26,221	'26,328	'26,903	'27,014	'25,776	'24,741	'25,781	'27,130	'28,810	'29,643	'30,258			
Furniture, home furn., and equip.....	do.	'9,297	'10,132	'9,507	'9,717	'9,662	'9,772	'9,918	'9,864	'10,114	'10,249	'10,713	'10,132	'10,017				
Nondurable goods stores # .....	do.	'65,987	'69,482	'65,545	'67,915	'68,412	'68,727	'69,032	'69,814	'71,871	'74,591	'78,428	'79,898	'69,482	'69,415			
General merch. group stores .....	do.	'22,561	'24,467	'23,165	'24,747	'25,427	'25,677	'25,577	'26,072	'27,175	'28,636	'30,664	'61,552	'24,467	'24,467			
Department stores .....	do.	'16,747	'18,290	'17,134	'18,347	'18,944	'19,127	'18,994	'19,243	'20,077	'21,176	'22,752	'23,685	'18,290	'18,339			
Food stores .....	do.	'14,350	'14,501	'13,824	'13,965	'13,922	'13,983	'14,081	'13,987	'13,988	'14,333	'14,770	'15,079	'14,501	'14,269			
Apparel and accessory stores .....	do.	'10,555	'10,715	'10,310	'10,746	'10,512	'10,597	'10,789	'11,319	'11,931	'12,525	'12,562	'10,715	'10,613				
Durable goods stores # .....	do.	'125,384	'135,843	'127,576	'126,998	'127,613	'129,197	'129,782	'129,556	'130,983	'132,142	'132,777	'134,622	'135,843	'137,612			
Building materials, hardware, garden supply, and mobile home dealers .....	do.	'56,748	'63,447	'58,559	'57,775	'58,057	'58,796	'59,120	'58,614	'59,400	'60,627	'61,048	'62,441	'63,447	'63,696			
Automotive dealers .....	do.	'9,824	'10,713	'10,023	'10,080	'10,049	'10,112	'10,229	'10,282	'10,396	'10,542	'10,424	'10,425	'10,713	'10,780			
Furniture, home furn., and equip.....	do.	'9,448	'10,286	'9,711	'9,805	'9,750	'9,831	'9,918	'9,984	'10,084	'10,098	'10,031	'10,281	'10,286	'10,337			
Nondurable goods stores # .....	do.	'68,636	'72,396	'69,017	'69,223	'69,556	'70,401	'70,662	'70,942	'71,583	'71,515	'71,729	'72,181	'72,396	'73,916			
General merch. group stores .....	do.	'24,906	'27,060	'25,364	'25,573	'25,859	'26,285	'26,218	'26,431	'26,776	'26,659	'26,641	'27,237	'27,060	'27,445			
Department stores .....	do.	'18,403	'20,143	'18,787	'18,934	'19,155	'19,497	'19,521	'19,676	'19,977	'19,846	'19,767	'20,244	'20,143	'20,513			
Food stores .....	do.	'14,180	'14,329	'13,964	'13,909	'13,950	'14,110	'14,166	'14,258	'14,347	'14,449	'14,396	'14,416	'14,329	'14,442			
Apparel and accessory stores .....	do.	'11,029	'11,208	'10,956	'11,032	'10,916	'11,039	'10,998	'11,032	'11,140	'11,307	'11,233	'11,208	'11,574				
Firms with 11 or more stores:																		
Estimated sales (unadjusted), total..... mil. \$.	'389,715	'415,631	'27,055	'32,536	'32,663	'33,711	'33,799	'33,768	'34,458	'34,006	'35,122	'38,368	'51,970	'30,642				
Durable goods stores .....	do.	28,212	'32,795	'1,868	'2,382	'2,475	'2,723	'2,814	'2,734	'2,791	'2,721	'2,808	'3,079	'4,467	'2,333			
Auto and home supply stores .....	do.	4,059	'4,416	'272	'345	'361	'371	'393	'394	'407	'379	'395	'396	'414	'314			
Nondurable goods stores # .....	do.	'361,503	'382,836	'25,187	'30,154	'30,188	'30,988	'30,985	'31,034	'31,667	'31,285	'32,314	'35,289	'47,503	'28,309			
General merchandise group stores .....	do.	'119,467	'129,045	'7,009	'9,323	'9,547	'10,213	'10,175	'9,568	'10,411	'10,083	'10,857	'13,366	'21,353	'7,965			
Food stores .....	do.	'135,499	'141,355	'10,465	'11,704	'11,720	'11,604	'11,705	'12,369	'11,734	'11,883	'11,746	'11,803	'13,571	'11,536			
Grocery stores .....	do.	'133,557	'139,424	'10,319	'11,540	'11,572	'11,456	'11,557	'12,220	'11,976	'11,738	'11,595	'11,648	'13,276	'11,389			
Apparel and accessory stores .....	do.	'20,143	'22,237	'1,186	'1,717	'1,710	'1,704	'1,689	'1,624	'1,926	'1,802	'1,890	'2,193	'3,560	'1,423			
Eating places .....	do.	'22,138	'24,354	'1,736	'2,030	'2,033	'2,071	'2,025	'2,134	'2,140	'2,083	'2,147	'2,147	'2,053	'2,099	'1,982		
Drug stores and proprietary stores .....	do.	'19,410	'21,582	'1,542	'1,727	'1,696	'1,751	'1,751	'1,739	'1,760	'1,733	'1,747	'1,844	'2,717	'1,780			
Estimated sales (sea. adj.), total # .....	do.			'33,191	'33,599	'33,589	'34,440	'34,557	'34,646	'34,752	'35,032	'35,319	'35,648	'35,456	'37,021			
Auto and home supply stores .....	do.			'351	'354	'347	'363	'361	'372	'387	'376	'378	'385	'385	'379			
Department stores .....	do.			'8,761	'8,903	'8,912	'9,139	'9,308	'9,243	'9,287	'9,347	'9,467	'9,589	'9,628	'10,148			
Variety stores .....	do.			'605	'595	'591	'605	'600	'608	'605	'605	'609	'622	'614	'637			
Grocery stores .....	do.			'11,377	'11,483	'11,446	'11,678	'11,627	'11,716	'11,704	'11,738	'11,772	'11,874	'11,544	'12,090			
Apparel and accessory stores .....	do.			'1,743	'1,760	'1,773	'1,811	'1,849	'1,832	'1,815	'1,854	'1,880	'1,935	'1,996	'2,041			
Women's clothing, spec. stores, furriers .....	do.			'749	'767	'746	'761	'783	'775	'762	'783	'805	'837	'895	'904			
Shoe stores .....	do.			'384	'377	'388	'392	'401	'395	'395	'403	'412	'414	'413	'436			
Drug stores and proprietary stores .....	do.			'1,733	'1,743	'1,765	'1,772	'1,789	'1,813	'1,824	'1,863	'1,893	'1,813	'1,928				

See footnotes at end of tables.

### LABOR FORCE, EMPLOYMENT, AND EARNINGS

LABOR FORCE AND POPULATION																	
Not Seasonally Adjusted																	




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Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued</b>																	
<b>LABOR FORCE—Continued</b>																	
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 .....	9.7	9.6	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8
Men, 20 years and over .....	8.8	8.9	9.8	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3	7.0	6.8	6.8
Women, 20 years and over .....	8.3	8.1	8.9	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1	6.9	6.9	6.9
Both sexes, 16-19 years .....	23.2	22.4	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.1	20.1	19.4	19.3	19.9	19.9
White .....	8.6	8.4	9.2	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9	6.7	6.7	6.7
Black * .....	18.9	19.5	19.8	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7	16.2	16.6	16.6
Hispanic origin * .....	13.8	13.8	15.5	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2	10.2	11.3	11.3
Married men, spouse present .....	6.5	6.5	7.2	7.1	7.1	7.0	6.7	6.2	6.3	6.1	5.7	5.5	5.2	5.0	4.9	4.7	4.7
Married women, spouse present .....	7.4	7.0	7.6	7.5	7.4	7.4	7.6	7.0	6.9	6.8	6.3	6.0	6.1	6.0	5.9	5.8	5.8
Women who maintain families .....	11.7	12.2	13.2	13.3	13.0	12.7	12.5	11.8	11.8	12.0	11.4	10.5	10.9	10.7	11.0	11.0	11.0
Industry of last job:																	
Private nonagricultural wage and salary workers .....	10.1	9.9	10.8	10.7	10.5	10.4	10.1	9.7	9.8	9.4	9.0	8.6	8.3	7.9	7.8	7.6	7.6
Construction .....	20.0	18.4	19.9	20.2	20.0	18.4	18.0	17.9	18.1	18.1	15.8	15.6	16.3	15.0	15.1	13.3	13.3
Manufacturing .....	12.3	11.2	13.1	12.8	12.5	12.3	11.6	10.7	10.2	9.6	8.9	8.3	8.4	7.5	7.5		
Durable goods .....	13.3	12.1	14.5	14.3	13.7	13.5	12.5	11.4	11.7	10.9	10.2	9.0	8.3	8.0	7.3	7.8	
Agricultural wage and salary workers * .....	14.7	16.0	16.3	15.9	16.8	16.8	16.5	15.0	16.5	16.2	15.7	15.6	15.5	14.0	14.6		
Not Seasonally Adjusted																	
Occupation: *																	
Managerial and professional specialty .....	3.3	3.3	3.5	3.5	3.4	3.3	3.5	3.6	3.4	3.2	2.7	2.7	2.6	3.0	2.7	2.4	2.4
Technical, sales, and administrative support .....	6.1	6.3	7.3	6.7	6.3	6.4	6.8	6.3	6.4	5.9	5.9	5.5	5.2	5.7	5.6	5.2	5.2
Service occupations .....	10.8	10.9	11.3	11.7	11.3	11.4	11.4	10.5	10.3	10.8	11.1	9.9	9.6	9.9	9.5	9.6	9.6
Precision production, craft, and repair .....	10.6	10.7	14.4	13.7	12.3	11.1	10.7	9.4	9.3	8.9	8.2	7.9	8.4	10.0	10.0	9.1	9.1
Operators, fabricators, and laborers .....	16.7	15.5	19.9	18.8	17.0	16.1	14.5	14.1	13.8	13.2	12.6	13.0	13.9	13.7	12.8		
Farming, forestry, and fishing .....	8.5	10.0	14.1	12.6	10.1	7.9	6.2	7.4	8.3	8.2	9.2	10.8	12.0	13.6	11.5	11.2	
<b>EMPLOYMENT</b>																	
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seasonal variation .....	89,596	89,978	87,613	88,172	89,005	89,830	90,654	89,946	89,612	91,213	91,722	92,061	92,247	90,635	91,133	91,788	
Private sector (excl. government) .....	73,793	74,234	71,625	72,121	72,984	73,774	74,795	74,933	74,745	75,738	75,865	76,057	76,270	74,889	75,111	75,699	
Seasonally Adjusted																	
Total employees, nonagricultural payrolls .....	89,596	89,978	88,746	88,814	89,090	89,421	89,844	90,152	89,748	90,851	91,084	91,355	91,599	91,930	92,347	92,490	
Private sector (excl. government) .....	73,793	74,234	73,004	73,090	73,377	73,677	74,123	74,419	74,074	74,990	75,312	75,579	75,829	76,188	76,571	76,728	
Nonmanufacturing industries .....	54,940	55,556	54,759	54,823	55,001	55,184	55,541	55,739	55,281	56,119	56,248	56,407	56,549	56,799	57,080	57,177	
Goods-producing .....	23,907	23,646	23,049	23,030	23,159	23,347	23,518	23,724	23,830	23,935	24,168	24,311	24,415	24,617	24,772	24,782	
Mining .....	1,143	1,021	1,014	1,006	997	994	1,003	1,017	1,023	1,026	1,044	1,047	1,051	1,053	1,053	1,053	
Construction .....	3,911	3,947	3,790	3,757	3,786	3,860	3,933	3,974	4,014	4,038	4,060	4,084	4,177	4,228	4,178	4,178	
Manufacturing .....	18,853	18,678	18,245	18,267	18,376	18,493	18,582	18,733	18,793	18,871	19,064	19,172	19,280	19,389	19,491	19,551	
Durable goods .....	11,100	10,932	10,608	10,617	10,689	10,788	10,844	10,961	11,022	11,081	11,235	11,320	11,406	11,477	11,567	11,613	
Lumber and wood products .....	603	676	631	638	651	662	679	688	699	703	712	714	715	717	719	724	
Furniture and fixtures .....	433	450	427	433	440	446	450	459	457	465	470	473	477	482	485		
Stone, clay and glass products .....	577	574	557	559	565	570	573	577	582	585	590	589	593	602	604		
Primary metal industries .....	922	838	810	816	820	828	830	839	840	849	867	871	872	878	876		
Fabricated metal products .....	1,434	1,396	1,364	1,362	1,369	1,379	1,384	1,391	1,410	1,411	1,430	1,438	1,449	1,458	1,461	1,469	
Machinery, except electrical .....	2,266	2,088	2,042	2,030	2,031	2,064	2,066	2,094	2,109	2,115	2,131	2,158	2,172	2,187	2,202	2,214	
Electric and electronic equipment .....	2,015	2,044	1,981	1,988	1,999	2,010	2,030	2,047	2,043	2,082	2,107	2,128	2,146	2,165	2,189	2,209	
Transportation equipment .....	1,744	1,785	1,729	1,723	1,743	1,757	1,762	1,794	1,807	1,801	1,848	1,862	1,887	1,909	1,930	1,923	
Instruments and related products .....	715	693	693	691	690	689	687	687	692	696	701	701	701	706	707	712	
Miscellaneous manufacturing .....	385	382	374	377	381	383	383	385	383	388	386	393	393	397	397	397	
Nondurable goods .....	7,753	7,747	7,637	7,650	7,687	7,705	7,738	7,772	7,771	7,790	7,829	7,852	7,874	7,912	7,924	7,938	
Food and kindred products .....	1,638	1,630	1,620	1,619	1,633	1,643	1,643	1,638	1,638	1,630	1,628	1,633	1,642	1,642	1,639	1,638	
Tobacco manufactures .....	67	64	67	67	66	66	65	65	62	63	64	61	62	61	61	63	
Textile mill products .....	750	743	726	730	733	736	745	746	752	753	758	759	766	766	766	766	
Apparel and other textile products .....	1,163	1,169	1,148	1,143	1,149	1,153	1,159	1,180	1,175	1,177	1,191	1,199	1,206	1,210	1,214	1,215	
Paper and allied products .....	662	658	652	652	654	656	657	658	662	666	666	670	671	674	672	672	
Printing and publishing .....	1,268	1,282	1,264	1,269	1,274	1,274	1,281	1,284	1,289	1,290	1,297	1,301	1,303	1,310	1,313	1,317	
Chemicals and allied products .....	1,079	1,058	1,056	1,056	1,058	1,058	1,056	1,059	1,056	1,060	1,061	1,061	1,064	1,065	1,065	1,066	
Petroleum and coal products .....	201	196	199	199	199	198	198	197	197	195	195	193	193	192	191	192	
Rubber and plastics products, nec .....	700	726	691	699	707	716	721	732	739	742	753	762	769	777	786	793	
Leather and leather products .....	221	215	214	216	214	213	213	217	218	218	218	217	217	218	218	218	
Service-producing .....	65,689	66,332	65,697	65,784	65,931	66,074	66,326	66,428	65,918	66,916	66,916	67,044	67,184	67,313	67,575	67,708	
Transportation and public utilities .....	5,081	4,941	4,966	4,963	4,988	4,993	4,982	4,984	4,941	5,031	5,019	5,015	5,057	5,067	5,069	5,069	
Wholesale trade .....	5,280	5,232	5,181	5,176	5,180	5,197	5,222	5,229	5,249	5,27							

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		

## LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

### EMPLOYMENT—Continued

#### Seasonally Adjusted

##### Production or nonsupervisory workers—Continued

Nondurable goods.....	5,440	5,450	5,354	5,362	5,400	5,416	5,446	5,478	5,474	5,481	5,521	5,546	5,565	*5,597	*5,602	*5,621
Food and kindred products.....	1,126	1,123	1,115	1,114	1,126	1,126	1,136	1,133	1,120	1,120	1,120	1,127	1,126	*1,138	*1,131	*1,135
Tobacco manufactures.....	52	49	52	52	51	51	50	50	47	48	49	46	48	*46	*46	*48
Textile mill products.....	642	641	622	627	631	634	643	643	650	650	655	656	658	664	661	*664
Apparel and other textile products.....	983	989	970	965	972	976	980	999	994	995	1,009	1,016	1,022	1,027	*1,030	*1,030
Paper and allied products.....	493	492	486	486	491	491	494	492	495	498	499	503	504	*506	*507	
Printing and publishing.....	698	705	694	694	701	705	705	708	708	714	719	719	723	723	*726	
Chemicals and allied products.....	601	588	587	585	587	585	586	589	589	591	592	594	595	*596	*595	*595
Petroleum and coal products.....	120	118	121	122	120	119	119	118	117	116	115	114	112	113	*115	
Rubber and plastics products, nec.....	536	562	529	538	546	554	558	568	576	586	593	599	605	*613	*621	*621
Leather and leather products.....	185	180	178	179	178	178	178	182	183	183	183	183	183	183	*180	
Service-producing.....	42,940	43,472	42,901	43,008	43,134	43,279	43,522	43,644	43,125	43,902	43,960	44,058	44,183	*44,294	*44,475	*44,587
Transportation and public utilities.....	4,194	4,069	4,087	4,086	4,106	4,111	4,110	4,103	3,461	4,143	4,135	4,129	4,130	*4,162	*4,163	*4,168
Wholesale trade.....	4,268	4,209	4,166	4,156	4,165	4,182	4,203	4,207	4,225	4,250	4,256	4,259	4,274	*4,302	*4,311	*4,320
Retail trade.....	13,559	13,711	13,603	13,620	13,589	13,615	13,707	13,751	13,775	13,768	13,796	13,837	13,867	*13,898	*13,939	*13,939
Finance, insurance, and real estate.....	3,994	4,063	4,003	4,012	4,037	4,049	4,065	4,071	4,090	4,095	4,099	4,108	4,118	*4,133	*4,137	*4,142
Services.....	16,926	17,430	17,042	17,134	17,237	17,322	17,437	17,512	17,574	17,646	17,674	17,725	17,794	*17,799	*17,925	*18,018

### AVERAGE HOURS PER WEEK

#### Seasonally Adjusted

##### Avg. weekly hours per worker on private nonagric. payrolls: ♦ Not seasonally adjusted .... hours.

34.8

35.0

34.2

34.7

34.9

35.2

35.4

35.3

35.3

35.1

35.5

35.0

35.1

35.5

35.0

35.1

35.0

35.1

\*35.0

\*35.2

Seasonally adjusted.....

do.....

34.5

34.8

34.9

35.1

35.0

35.2

35.3

35.2

35.3

35.5

35.2

35.3

35.3

35.4

35.4

35.2

\*36.2

Mining ♦.....

do.....

42.6

42.5

41.3

41.6

42.2

42.5

42.1

42.7

43.1

43.3

42.9

43.5

43.4

43.2

\*42.7

Construction ♦.....

do.....

36.7

37.1

35.4

36.4

36.7

37.4

37.9

38.2

38.0

37.9

37.3

36.3

36.8

36.3

\*36.6

Manufacturing:

Not seasonally adjusted.....

do.....

38.9

40.1

38.8

39.6

39.8

39.9

40.3

40.0

40.2

40.8

40.7

40.8

41.2

40.5

\*40.6

\*40.5

Seasonally adjusted.....

do.....

39.2

39.5

40.1

40.0

40.1

40.2

40.2

40.3

40.6

40.5

40.5

40.6

40.5

40.5

\*40.5

\*40.5

Overtime hours.....

do.....

2.3

3.0

2.4

2.6

2.9

2.7

2.7

2.9

3.0

3.1

3.1

3.3

3.3

3.4

\*3.4

\*3.4

Durable goods.....

do.....

39.3

40.7

39.7

39.9

40.5

40.4

40.4

40.6

40.8

41.5

41.2

41.1

\*41.8

\*41.7

\*41.1

\*41.1

Overtime hours.....

do.....

2.2

3.0

2.5

2.8

2.6

2.8

2.8

3.0

3.1

3.4

3.4

3.5

3.5

3.7

\*3.6

\*3.6

Lumber and wood products.....

do.....

38.0

40.0

39.5

40.0

39.8

40.0

39.9

40.2

40.5

40.3

40.7

40.9

\*40.4

\*40.6

\*40.6

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983											1984					
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued</b>																			
<b>HOURLY AND WEEKLY EARNINGS</b>																			
Average hourly earnings per worker: ◊																			
Not seasonally adjusted:																			
Private nonagric. payrolls .....	7.67	8.01	7.92	7.90	7.94	7.97	7.97	8.00	7.94	8.11	8.15	8.16	8.16	8.26	8.24	8.24	8.24		
Mining .....	10.78	11.30	11.25	11.19	11.28	11.20	11.25	11.29	11.28	11.35	11.35	11.43	11.44	11.56	11.48	11.48	11.56		
Construction .....	11.62	11.91	12.00	11.95	11.90	11.80	11.74	11.78	11.84	12.03	12.04	11.89	12.01	12.07	11.98	11.96	11.96		
Manufacturing .....	8.50	8.84	8.75	8.74	8.77	8.78	8.81	8.86	8.79	8.90	8.92	8.99	9.06	9.09	9.08	9.11	9.11		
Excluding overtime .....	8.25	8.53	8.50	8.47	8.48	8.49	8.49	8.54	8.46	8.53	8.56	8.62	8.68	8.73	8.72	8.74	8.74		
Durable goods .....	9.06	9.40	9.31	9.29	9.31	9.34	9.37	9.40	9.34	9.48	9.49	9.56	9.63	9.66	9.66	9.68	9.68		
Excluding overtime .....	8.81	9.07	9.06	9.02	9.02	9.04	9.04	9.08	9.00	9.09	9.11	9.16	9.21	9.27	9.26	9.28	9.28		
Lumber and wood products .....	7.46	7.79	7.72	7.68	7.74	7.78	7.85	7.82	7.83	7.88	7.87	7.80	7.80	7.88	7.88	7.83	7.83		
Furniture and fixtures .....	6.31	6.62	6.50	6.51	6.51	6.52	6.60	6.65	6.67	6.74	6.71	6.72	6.77	6.76	6.76	6.78	6.78		
Stone, clay, and glass products .....	8.86	9.28	9.10	9.13	9.16	9.20	9.28	9.34	9.31	9.43	9.39	9.41	9.41	9.43	9.40	9.40	9.40		
Primary metal industries .....	11.33	11.33	11.53	11.24	11.25	11.28	11.28	11.37	11.28	11.33	11.33	11.28	11.31	11.35	11.37	11.46	11.47		
Fabricated metal products .....	8.78	9.14	9.04	9.05	9.07	9.08	9.11	9.10	9.12	9.22	9.27	9.38	9.34	9.34	9.34	9.34	9.34		
Machinery, except electrical .....	9.29	9.63	9.44	9.46	9.48	9.59	9.63	9.65	9.61	9.71	9.74	9.81	9.91	9.92	9.94	9.95	9.95		
Electric and electronic equipment .....	8.21	8.67	8.56	8.60	8.60	8.63	8.69	8.64	8.75	8.73	8.78	8.86	8.89	8.86	8.87	8.87	8.87		
Transportation equipment .....	11.12	11.68	11.49	11.49	11.53	11.52	11.63	11.62	11.53	11.80	11.88	12.02	12.06	12.08	12.05	12.18	12.18		
Instruments and related products .....	8.10	8.54	8.48	8.47	8.46	8.48	8.48	8.57	8.53	8.61	8.60	8.62	8.70	8.74	8.71	8.75	8.75		
Miscellaneous manufacturing .....	6.43	6.82	6.73	6.75	6.76	6.82	6.81	6.82	6.81	6.85	6.85	6.86	6.97	7.03	6.99	6.99	6.99		
Nondurable goods .....	7.73	8.07	7.99	8.00	8.03	8.03	8.04	8.05	8.11	8.11	8.18	8.24	8.27	8.24	8.27	8.27	8.27		
Excluding overtime .....	7.49	7.78	7.75	7.74	7.75	7.75	7.75	7.81	7.73	7.77	7.79	7.86	7.91	7.96	7.93	7.95	7.95		
Food and kindred products .....	7.89	8.17	8.11	8.16	8.20	8.18	8.17	8.17	8.12	8.14	8.13	8.23	8.33	8.38	8.35	8.37	8.37		
Tobacco manufactures .....	9.78	10.32	9.96	10.43	10.61	10.74	10.91	10.84	10.24	9.90	9.67	10.74	10.18	10.74	11.10	11.28	11.28		
Textile mill products .....	5.83	6.18	6.10	6.11	6.14	6.14	6.16	6.17	6.19	6.23	6.24	6.26	6.31	6.40	6.42	6.42	6.42		
Apparel and other textile products .....	5.20	5.37	5.33	5.33	5.35	5.33	5.36	5.35	5.39	5.43	5.45	5.44	5.51	5.51	5.46	5.50	5.50		
Paper and allied products .....	9.32	9.93	9.65	9.67	9.72	9.81	9.91	10.06	10.02	10.11	10.10	10.19	10.23	10.22	10.21	10.25	10.25		
Printing and publishing .....	8.75	9.12	8.99	9.03	9.05	9.06	9.10	9.14	9.25	9.24	9.27	9.31	9.38	9.30	9.30	9.30	9.30		
Chemicals and allied products .....	9.96	10.59	10.41	10.39	10.43	10.50	10.52	10.58	10.61	10.69	10.78	10.86	10.89	10.90	10.89	10.89	10.89		
Petroleum and coal products .....	12.46	13.28	13.25	13.28	13.27	13.17	13.17	13.20	13.16	13.36	13.44	13.52	13.47	13.47	13.56	13.56	13.56		
Rubber and plastics products, nec .....	7.65	8.02	7.91	7.92	7.95	7.97	7.96	8.06	8.03	8.08	8.12	8.18	8.20	8.19	8.19	8.19	8.19		
Leather and leather products .....	5.32	5.53	5.50	5.52	5.52	5.51	5.49	5.52	5.50	5.56	5.55	5.56	5.60	5.67	5.67	5.67	5.67		
Transportation and public utilities .....	10.30	10.81	10.72	10.68	10.72	10.74	10.73	10.86	10.68	10.90	10.93	11.01	10.98	11.05	11.01	11.00	11.00		
Wholesale trade .....	8.02	8.41	8.28	8.27	8.34	8.36	8.35	8.42	8.41	8.48	8.54	8.60	8.69	8.65	8.64	8.64	8.64		
Retail trade .....	5.47	5.73	5.69	5.68	5.69	5.71	5.71	5.72	5.71	5.77	5.78	5.81	5.77	5.89	5.89	5.89	5.89		
Finance, insurance, and real estate .....	6.78	7.30	7.22	7.19	7.23	7.31	7.26	7.30	7.25	7.33	7.45	7.39	7.43	7.55	7.53	7.52	7.52		
Services .....	6.90	7.26	7.19	7.17	7.20	7.23	7.20	7.18	7.31	7.41	7.44	7.52	7.52	7.54	7.54	7.54	7.54		
Seasonally adjusted:																			
Private nonagricultural payrolls .....	7.67	8.01	7.91	7.91	7.95	7.97	8.00	8.03	7.98	8.13	8.13	8.16	8.23	8.23	8.23	8.25	8.25		
Mining .....	10.78	11.30	( <sup>1</sup> )																
Construction .....	11.62	11.91	12.00	12.00	12.02	11.86	11.85	11.82	11.83	11.96	11.92	11.89	11.93	11.97	11.97	12.02	12.02		
Manufacturing .....	8.50	8.84	8.76	8.75	8.78	8.79	8.82	8.85	8.84	8.87	8.94	9.00	9.05	9.09	9.09	9.09	9.09		
Transportation and public utilities .....	10.30	10.81	10.70	10.77	10.76	10.82	10.83	10.88	10.64	10.82	10.90	10.92	10.94	11.02	10.99	11.09	11.09		
Wholesale trade * .....	8.02	8.41	8.28	8.27	8.34	8.36	8.35	8.42	8.41	8.48	8.54	8.60	8.69	8.65	8.64	8.64	8.64		
Retail trade * .....	5.47	5.73	5.69	5.68	5.69	5.71	5.71	5.72	5.71	5.77	5.78	5.81	5.77	5.89	5.89	5.89	5.89		
Finance, insurance, and real estate .....	6.78	7.30	( <sup>1</sup> )																
Services .....	6.90	7.26	7.14	7.15	7.19	7.24	7.26	7.26	7.26	7.32	7.38	7.37	7.41	7.47	7.47	7.47	7.49		
Indexes of avg. hourly earnings, seas. adj.: ◊																			
Private nonfarm economy:																			
Current dollars .....	1977 = 100.																		
1977 dollars ‡ .....	93.3	94.7	95.1	94.9	94.7	94.7	94.8	94.7	94.1	94.3	94.6	94.4	94.7	94.7	94.6	94.9	94.9		
Mining .....	159.0	166.9	165.1	164.0	165.7	165.0	166.4	167.6	167.3	168.3	168.7	169.8	170.0	171.4	170.6	170.9	170.9		
Construction .....	141.1	145.0	145.6	145.5	145.9	144.5	144.6	144.0	144.1	145.5	145.1	144.6	145.2	146.1	146.0	146.4	146.4		
Manufacturing .....	152.5	158.1	157.3	157.1	157.0	157.7	157.8	158.2	158.1	158.3	159.7	160.1	160.7	161.1	161.7	161.7	161.7		
Transportation and public utilities .....	148.6	156.9	155.2	155.9	155.9	156.6	156.8	157.9	157.9	158.4	158.7	158.9	160.0	159.6	160.9	160.9	160.9		
Wholesale trade *	148.4	155.6	153.1	152.9	154.4	154.6	154.5	155.6	155.6	157.0	158.2	158.0	159.1	159.1	160.6	159.8	159.8		
Retail trade *	143.2	149.8	147.2	147.8	148.4	149.4	150.1	150.3	150.5	151.0	151.9	152.0	152.4	152.4	152.5	152.5	152.9		
Finance, insurance, and real estate .....	148.3	158.9	157.4	156.6	157.4	159.0	158.2	159.1	158.2	159.8	162.1	161.0	162.0	164.5	164.0	164.5	164.5		
Services .....	147.6	155.4	152.4	152.6	154.0	154.9	155.5	155.6	155.9	157.1	158.4	158.1	159.2	159.8	159.3	159.7	159.7		
Hourly wages, not seasonally adjusted:																			
Construction wages, 20 cities (ENR) § .....	266.92	280.35	272.90	275.27	277.46	279.75	280.80	281.05	279.30	284.42	286.99	286.18	288.05	292.17	291.34	290.40	290.40		
1977 dollars, seasonally adjusted ‡ .....	167.87	171.15	169.29	170.34	170.64	171.42	171.85	171.48	169.58	172.06	173.09	171.98	172.90	174.85	174.14	173.58	173.58		
Current dollars, not seasonally adjusted:																			
Private nonfarm, total .....	266.92	280.35	270.86	274.13	275.52	278.15	280.54	283.20	281.08	286.28	287.70	286.42	289.68	289.10	289.22	288.40	288.40		
Mining .....	459.23	480.25	464.63	467.74	469.25	472.64	478.13	475.31	481.66	489.19	490.32	490.35	497.64	501.70	495.93	493.93	493.93		
Construction .....	426.45	441.86	424.80	434.98	436.73	441.32	444.95	450.00	449.92	455.94	449.09</								

**Manufacturing**

Seasonally adjusted index ..... 1967=100..| 86 | 96 | 83 | 83 | 81 | 87 | 92 | 100 | 97 | 98 | 111 | 114 | 121 | 123 | 128 | .....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued</b>																	
<b>WORK STOPPAGES</b>																	
Work stoppages involving 1,000 or more workers:																	
Number of stoppages:																	
Beginning in month or year ..... number..	96	81	5	5	2	12	16	10	7	7	12	4	0	"5	2	2	2
Workers involved in stoppages:																	
Beginning in month or year ..... thous..	656	909	14	11	3	25	63	64	616	20	68	23	0	"27	"8	3	3
Days idle during month or year ..... do..	9,061	17,461	844	1,132	790	488	689	1,270	8,673	567	1,143	605	464	"506	"365	284	
<b>UNEMPLOYMENT INSURANCE</b>																	
Unemployment insurance programs:																	
Insured unemployment, all programs, average weekly # @ ..... thous..	4,590	3,775	5,437	5,134	4,642	3,947	3,481	3,275	2,917	2,580	2,478	2,620	2,915	3,374	3,174		
State programs (excl. extended duration prov.):																	
Initial claims ..... thous..	30,298	22,802	2,065	2,075	1,874	1,666	1,740	1,804	1,668	1,381	1,522	1,757	2,105	"2,336	"1,560		
Insured unemployment, avg. weekly ..... do..	"4,061	3,396	4,759	4,401	3,906	3,361	3,049	2,766	2,449	2,358	2,508	2,805	3,249	3,056			
Percent of covered employment: @@																	
Unadjusted .....	4.6	3.9	5.5	5.0	4.5	3.9	3.5	3.5	3.2	2.8	2.7	2.9	3.3	3.8	3.6		
Seasonally adjusted .....			4.5	4.5	4.4	4.1	3.8	3.6	3.5	3.4	3.3	3.3	3.2	3.1	2.9		
Beneficiaries, average weekly ..... thous..	"3,564	2,990	4,228	4,246	3,568	2,985	2,913	2,609	2,457	2,133	2,004	2,114	2,311	"2,755	"2,851		
Benefits paid @ ..... mil. \$	"20,649.5	18,613.2	2,052.4	2,367.8	1,817.5	1,587.9	1,537.4	1,298.2	1,337.4	1,104.4	1,002.1	1,099.9	1,203.6	"1,442.1	"1,455.6		
Federal employees, insured unemployment, average weekly ..... thous..	32	26	33	31	26	22	21	23	22	22	25	27	29	32	31		
Veterans' program (UCX):																	
Initial claims ..... do..	136	196	16	18	15	14	16	16	19	17	16	15	14	15	"13		
Insured unemployment, avg. weekly ..... do..	11	30	37	34	30	26	25	25	26	27	28	27	28	"27	"24		
Beneficiaries, average weekly ..... do..	9	27	36	34	28	24	24	22	23	24	25	26	26	"25	"24		
Benefits paid ..... mil. \$	83.5	178.9	18.0	19.6	14.8	13.1	13.6	12.1	13.9	13.5	14.1	15.1	14.8	"14.6	"13.0		
Railroad program:																	
Applications ..... thous..	246	180	7	8	9	4	31	55	14	9	7	8	8	"10	4		
Insured unemployment, avg. weekly ..... do..	62	58	76	68	79	74	47	48	43	41	43	42	43	"52	"47		
Benefits paid ..... mil. \$	338.7	301.6	33.1	36.2	24.8	29.4	15.0	17.6	21.8	20.2	19.5	19.5	19.9	"23.9	23.2		

**FINANCE**

BANKING																	
Open market paper outstanding, end of period:																	
Bankers' acceptances ..... mil. \$	79,543	78,309	73,706	70,843	70,389	68,797	70,907	72,710	73,977	73,569	72,902	77,919	78,309	73,450	"185,280	"191,132	198,194
Commercial and financial co. paper, total ..... do..	"162,330	181,348	169,142	166,534	169,892	169,870	171,642	172,674	172,407	176,125	177,150	182,475	181,348	"189,839	"143,778	148,677	
Financial companies ..... do..	"118,640	137,970	122,230	121,034	123,819	125,552	127,318	128,520	129,375	130,280	132,128	137,297	137,970	139,283	42,551	44,036	
Dealer placed ..... do..	"34,666	41,727	38,363	36,528	36,984	38,205	38,645	37,927	39,136	39,247	39,134	42,124	41,727	41,283	42,551	44,036	
Directly placed ..... do..	"83,974	96,243	83,867	84,505	86,835	87,347	88,673	90,593	90,239	91,033	92,994	95,173	96,243	"98,556	"101,227	104,641	
Nonfinancial companies ..... do..	43,690	43,378	46,912	45,500	46,073	44,318	44,324	44,154	43,032	45,845	45,022	45,178	43,378	45,441	47,354	49,517	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																	
Total, end of period ..... mil. \$	80,408	80,541	80,356	80,856	81,022	81,024	81,165	81,397	81,601	81,177	81,106	80,769	80,541	80,896			
Farm mortgage loans:																	
Federal land banks ..... do..	50,375	51,078	50,429	50,569	50,687	50,778	50,884	50,946	51,006	51,095	51,105	51,130	51,078	51,036			
Loans to cooperatives ..... do..	8,423	9,319	9,102	9,341	9,259	8,967	8,630	8,659	8,974	8,707	9,263	9,460	9,319	10,171			
Other loans and discounts ..... do..	21,609	20,143	20,825	20,946	21,076	21,279	21,652	21,792	21,621	21,375	20,737	20,180	20,143	19,690			
Federal Reserve banks, condition, end of period:																	
Assets, total # ..... mil. \$	190,128	198,571	183,117	182,445	189,421	185,011	189,579	189,478	193,405	208,034	190,067	195,267	198,571	199,457	188,837	195,100	
Reserve bank credit outstanding, total # .. do..	153,769	163,694	142,975	148,860	151,134	152,198	155,649	155,314	160,242	167,398	155,964	160,043	163,694	163,081	158,535	159,508	
Time loans ..... do..	717	918	1,155	2,808	848	1,260	3,610	1,113	3,633	1,625	387	1,059	918	418	1,020	896	
U.S. Government securities ..... do..	139,312	151,942	135,561	136,651	141,550	141,180	141,673	144,255	146,489	155,423	146,096	149,439	151,942	150,254	140,847	150,814	
Gold certificate account ..... do..	11,148	11,121	11,139	11,138	11,135	11,132	11,131	11,131	11,128	11,128	11,126	11,121	11,120	11,116	11,111		
Liabilities, total # ..... do..	190,128	198,571	183,117	182,445	189,421	185,011	189,579	189,478	193,405	208,034	190,067	195,267	198,571	199,457	188,837	195,100	
Deposits, total ..... do..	34,334	26,123	29,160	28,100	32,321	26,054	27,508	27,781	30,608	44,593	26,112	25,443	26,123	29,661	20,306	26,634	
Member-bank reserve balances ..... do..	26,489	21,446	22,468	23,419	23,193	20,567	18,004	23,046	25,702	20,697	20,227	21,581	21,446	20,361	16,390	22,167	
Federal Reserve notes in circulation ..... do..	141,990	157,097	139,060	141,497	142,497	145,783	147,549	147,094	148,241	148,172	149,676	153,800	157,097	151,711	152,383	153,871	
All member banks of Federal Reserve System, averages of daily figures:																	
Reserves held, total ..... mil. \$	"41,854	"38,894	39,799	38,035	38,650	38,282	38,415	38,948	38,661	37,916	38,137	38,144	38,894	40,120	"36,365	36,275	
Required ..... do..	"41,354	"38,333	39,364	37,601	38,174	37,833	37,934	38,440	38,214	37,418	37,633	37,615	38,333	39,507	"35,423	35,567	
Excess ..... do..	500	561	435	433	476	449	480	507	446	498	505	529	561	613	942	708	
Borrowings from Federal Reserve banks ..... do..	"634	"774	582	792	1,009	952	1,636	1,453	1,546	1,441	844	906	774	715	567	952	
Free reserves ..... do..	"101	"117	-107	-306	-451	-404	-1,034	-775	-902	-753	-197	-256	-117	-16	"478	-111	
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo. #: Deposits:																	
Demand, total # ..... mil. \$																	
Individuals, partnerships, and corp. # .. do..																	
States and political subdivisions ..... do..																	
U.S. Government ..... do..																	
Depository institutions in U.S. # ..... do..																	
Transaction balances other than demand deposits ..... do..			</														

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>FINANCE—Continued</b>																		
<b>BANKING—Continued</b>																		
Commercial bank credit, seas. adj.:																		
Total loans and securities ♦ ..... bil. \$.	1,412.0	1,567.6	1,436.5	1,450.1	1,460.6	1,474.4	1,488.0	1,499.9	1,513.2	1,520.3	1,532.9	1,548.9	1,567.6	1,582.7	1,601.1	.....	.....	.....
U.S. Treasury securities ..... do.	130.9	188.0	144.5	151.0	157.8	166.1	171.2	172.9	174.4	176.9	182.3	186.2	188.0	189.1	189.1	.....	.....	.....
Other securities ..... do.	239.2	247.5	243.2	242.8	243.4	245.0	246.2	246.1	247.8	247.1	246.5	247.1	247.5	251.2	250.4	.....	.....	.....
Total loans and leases ♦ ..... do.	1,042.0	1,132.1	1,048.8	1,056.3	1,059.5	1,063.3	1,070.6	1,080.9	1,091.0	1,096.3	1,104.1	1,115.7	1,132.1	1,142.4	1,161.6	.....	.....	.....
Money and interest rates:																		
Prime rate charged by banks on short-term business loans * ..... percent.	14.86	10.79	10.98	10.50	10.50	10.50	10.50	10.50	10.89	11.00	11.00	11.00	11.00	11.00	11.00	11.21	.....	.....
Discount rate (N.Y.F.R. Bank) @@ ..... do.	11.02	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
Federal intermediate credit bank loans ..... do.	*13.56	10.60	11.11	10.83	10.51	10.20	10.14	10.22	10.30	10.42	10.55	10.61	10.67	10.80	10.84	*10.79	.....	.....
Home mortgage rates (conventional 1st mortgages):																		
New home purchase (U.S. avg.) ..... percent.	*14.49	12.11	12.62	12.97	12.02	12.21	11.90	12.02	12.01	12.08	11.80	11.82	11.94	11.80	*11.78	11.64	.....	.....
Existing home purchase (U.S. avg.) ..... do.	*14.78	12.29	12.88	12.61	12.42	12.36	12.21	12.18	12.25	12.38	12.19	12.11	11.94	11.70	*11.73	11.76	.....	.....
Open market rates, New York City:																		
Bankers' acceptances, 90 days ..... do.	*11.89	8.90	8.36	8.54	8.49	8.36	9.04	9.33	9.59	9.23	9.01	9.16	9.52	9.23	9.38	9.88	.....	.....
Commercial paper, 6-month † ..... do.	*11.89	8.89	8.39	8.48	8.48	8.31	9.03	9.36	9.68	9.28	8.98	9.09	9.50	9.18	9.31	9.86	.....	.....
Finance co. paper placed directly, 6-mo ..... do.	*11.20	8.69	8.26	8.35	8.41	8.15	8.80	9.10	9.42	9.09	8.79	8.84	9.11	9.02	9.06	9.38	.....	.....
Yield on U.S. Government securities (taxable):																		
3-month bills (rate on new issue) ..... percent.	*10.686	8.630	8.130	8.304	8.252	8.185	8.820	9.120	9.390	9.050	8.710	8.710	8.960	8.930	9.030	9.440	.....	.....
<b>CONSUMER INSTALLMENT CREDIT</b>																		
Not seasonally adjusted																		
Total outstanding (end of period) # ..... mil. \$.	344,174	387,927	340,343	342,568	344,748	347,189	353,012	358,020	363,662	367,604	371,561	376,390	387,927	*394,922	*399,177	.....	.....	.....
By major holder:																		
Commercial banks ..... do.	151,445	177,252	150,257	151,319	152,408	153,471	156,603	159,666	163,313	165,971	168,352	170,823	177,252	*171,934	*175,941	.....	.....	.....
Finance companies ..... do.	94,322	97,688	93,859	94,817	94,675	95,364	96,349	97,319	97,708	97,274	97,370	97,522	97,688	*101,180	*101,702	.....	.....	.....
Credit unions ..... do.	47,253	53,471	46,757	47,081	47,505	47,838	48,652	49,139	50,121	51,123	51,767	52,578	53,471	*53,882	*54,851	.....	.....	.....
Retailers ..... do.	30,202	33,183	27,734	27,472	27,455	27,541	27,804	28,067	28,319	28,713	29,668	33,183	*34,505	*33,455	.....	.....	.....	.....
Savings and loans ..... do.	13,891	18,568	14,860	15,083	15,551	15,842	16,207	16,369	16,615	17,130	17,624	18,080	18,568	*21,823	*22,269	.....	.....	.....
By major credit type:																		
Automobile ..... do.	129,603	146,078	129,055	130,959	131,976	133,640	136,183	138,689	141,677	142,477	143,621	144,663	146,078	*143,186	*146,047	.....	.....	.....
Revolving ..... do.	67,184	77,467	63,372	63,091	63,521	63,459	64,899	65,856	66,913	67,904	68,921	70,742	77,467	*78,566	*77,671	.....	.....	.....
Mobile home ..... do.	18,988	20,471	19,374	19,379	19,400	19,448	19,647	19,750	19,882	20,087	20,256	20,366	20,471	*23,667	*23,571	.....	.....	.....
Seasonally adjusted *																		
Total outstanding (end of period) # ..... do.			342,776	345,358	347,629	350,325	354,731	359,571	362,959	365,334	370,219	374,890	381,504	*393,187	*399,795	.....	.....	.....
By major holder:																		
Commercial banks ..... do.			151,219	152,573	153,759	155,299	157,721	160,487	162,804	164,633	167,262	170,011	174,699	*170,981	*175,985	.....	.....	.....
Finance companies ..... do.			95,204	96,691	95,171	95,533	96,003	96,912	97,151	96,430	97,050	97,255	97,231	*102,060	*102,318	.....	.....	.....
Credit unions ..... do.			47,037	47,180	47,888	48,176	48,749	49,411	49,921	50,567	51,509	52,421	53,152	*54,068	*54,780	.....	.....	.....
Retailers ..... do.			27,425	27,847	27,994	28,163	28,531	28,803	29,053	29,203	29,454	30,113	*33,047	*33,372	.....	.....	.....	.....
Savings and loans ..... do.			14,904	15,091	15,485	15,859	16,315	16,503	17,157	17,533	17,971	18,484	*21,883	*22,298	.....	.....	.....	.....
By major credit type:																		
Automobile ..... do.			130,627	131,848	132,537	133,850	135,823	138,244	140,765	141,050	142,822	144,060	146,079	*143,982	*146,781	.....	.....	.....
Revolving ..... do.			62,763	63,940	64,857	65,371	66,581	67,402	67,715	68,194	69,339	70,639	72,362	*76,069	*77,342	.....	.....	.....
Mobile home ..... do.			19,536	19,475	19,497	19,514	19,665	19,806	19,876	20,026	20,128	20,235	20,371	*23,369	*23,242	.....	.....	.....
Total net change (during period) # ..... do.			735	2,582	2,271	2,696	4,406	4,840	3,388	2,375	4,885	4,671	6,614	*4,469	*6,608	.....	.....	.....
By major holder:																		
Commercial banks ..... do.			788	1,354	1,186	1,540	2,422	2,766	2,317	1,829	2,629	2,749	4,688	*5,030	*4,914	.....	.....	.....
Finance companies ..... do.			-658	487	-520	362	470	909	-721	620	205	-24	-66	*258	.....	.....	.....	.....
Credit unions ..... do.			43	143	708	288	573	662	510	646	942	912	731	*916	*712	.....	.....	.....
Retailers ..... do.			36	422	147	169	368	272	5	245	150	251	659	*422	*325	.....	.....	.....
Savings and loans ..... do.			677	187	394	374	456	188	147	507	376	438	513	*362	*515	.....	.....	.....
By major credit type:																		
Automobile ..... do.			-233	1,221	689	1,313	1,973	2,421	2,521	285	1,772	1,238	2,019	*2,106	*2,799	.....	.....	.....
Revolving ..... do.			-135	1,177	917	514	1,210	821	313	479	1,145	1,300	1,723	*504	*1,273	.....	.....	.....
Mobile home ..... do.			204	-61	22	17	151	141	70	150	102	107	136	*91	*127	.....	.....	.....
<b>FEDERAL GOVERNMENT FINANCE</b>																		
Budget receipts and outlays:																		
Receipts (net) ..... mil. \$.			1617,766	1600,562	38,816	43,504	66,234	33,755	66,517	43,948	49,683	63,556	45,156	46,200	58,041	62,537	47,886	44,464
Outlays (net) ..... do.			1728,424	1795,969	64,152	69,539	69,542	63,040	63,116	65,360	67,160	61,610	70,225	67,792	74,702	68,052	68,267	73,020
Budget surplus or deficit (-) ..... do.			-110,658	-195,407	-25,336	-26,035	-3,308	-28,285	3,401	-21,412	-17,477	1,946	-25,069	-21,591	-16,661	-5,515	-20,381	-28,555
Budget financing, total ..... do.			1127,989	207,764	25,342	-27,296	4,447	30,476	-1,382	22,705	18,744	756	23,623	22,270	16,572			

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983											1984		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

## FINANCE—Continued

MONETARY STATISTICS																	
Currency in circulation (end of period)..... bil. \$..	156.2	157.7	.....	155.7	.....	.....	148.1	.....	.....	148.7	.....	.....	157.7	.....	.....	.....	.....
Money stock measures and components (averages of daily figures): †																	
Measures (not seasonally adjusted): ‡																	
M1..... bil. \$..	458.0	509.0	480.6	489.2	505.2	500.7	509.8	516.6	513.5	516.3	522.3	526.7	537.8	534.8	521.9	528.1	
M2..... do....	1,878.3	2,115.9	2,043.2	2,066.2	2,092.4	2,096.7	2,118.1	2,131.9	2,133.3	2,142.2	2,167.1	2,181.2	2,198.0	2,210.4	2,211.9	2,229.5	
M3..... do....	2,278.5	2,596.8	2,510.2	2,532.2	2,558.4	2,565.9	2,591.2	2,604.0	2,615.6	2,631.0	2,655.7	2,689.9	2,712.8	2,727.4	2,737.7	2,765.3	
L (M3 plus other liquid assets)..... do....	2,777.4	3,039.6	2,932.3	2,956.7	2,991.2	2,999.3	3,028.6	3,052.5	3,070.6	3,085.5	3,110.3	3,147.3	3,183.7	3,206.8	.....	.....	
Components (not seasonally adjusted):																	
Currency..... do....	128.4	141.9	135.0	136.7	138.7	140.4	141.9	143.6	143.8	144.3	145.7	147.9	150.5	148.4	148.3	149.8	
Demand deposits..... do....	234.9	241.8	231.9	234.3	242.1	237.5	241.8	244.9	241.1	242.0	244.8	245.2	251.6	249.4	237.9	239.4	
Other checkable deposits †‡..... do....	90.3	120.7	109.5	113.9	120.0	118.2	121.2	122.9	123.5	124.9	127.0	128.9	131.2	132.5	130.9	134.1	
Overnight RP's and Eurodollars ◊..... do....	41.1	52.9	48.5	48.7	50.8	55.4	56.1	53.1	52.4	53.5	57.0	55.2	56.1	58.3	58.9	56.9	
General purpose and broker/dealer money market funds..... do....	172.4	145.3	160.6	154.8	148.2	141.4	140.2	138.7	139.1	137.9	137.5	138.8	138.2	137.9	142.1	144.8	
Money market deposit accounts *..... do....	340.5	279.6	321.0	341.4	357.4	368.6	370.5	368.6	369.5	370.5	372.9	376.0	380.5	386.2	392.8	392.8	
Savings deposits..... do....	350.3	321.2	323.4	323.0	324.7	325.5	325.8	324.8	319.8	316.2	316.0	312.0	308.5	307.4	305.1	307.1	
Small time deposits @..... do....	859.0	754.5	758.0	737.4	729.7	723.8	725.1	735.8	747.0	756.3	771.4	783.1	788.6	794.4	805.4	807.5	
Large time deposits @..... do....	326.4	307.5	299.2	295.6	295.0	295.9	299.8	300.1	308.5	314.8	317.9	323.7	329.6	334.8	340.6	346.8	
Measures (seasonally adjusted): ‡																	
M1..... do....	.....	491.1	496.4	497.9	506.6	510.9	514.9	517.4	518.9	521.6	523.0	525.3	530.0	532.9	535.2	535.2	
M2..... do....	.....	2,054.0	2,067.4	2,081.8	2,102.2	2,117.0	2,126.6	2,135.3	2,147.9	2,167.2	2,182.1	2,196.1	2,206.6	2,222.0	2,228.6	2,228.6	
M3..... do....	.....	2,517.1	2,532.3	2,550.6	2,571.0	2,593.0	2,604.0	2,617.2	2,638.4	2,657.0	2,688.8	2,706.7	2,721.5	2,745.0	2,764.0	2,764.0	
L (M3 plus other liquid assets)..... do....	.....	2,931.1	2,951.7	2,980.0	3,003.3	3,033.1	3,059.7	3,075.1	3,097.7	3,114.4	3,146.1	3,175.9	3,195.4	.....	.....	.....	
Components (seasonally adjusted):																	
Currency..... do....	.....	.....	136.8	138.1	139.1	140.5	141.6	142.4	143.5	144.8	146.0	147.2	148.0	149.9	150.2	150.9	
Demand deposits..... do....	.....	.....	237.9	238.8	239.5	241.5	243.0	244.5	243.7	243.0	246.3	248.2	243.7	244.5	243.8	244.0	
Other checkable deposits *..... do....	.....	.....	112.1	115.0	114.7	120.0	121.7	123.4	125.6	126.4	127.2	128.2	128.8	130.7	133.8	135.3	
Savings deposits..... do....	.....	.....	325.6	322.2	321.9	323.1	322.8	320.7	319.3	317.9	317.1	315.4	312.9	309.8	306.5	305.3	
Small time deposits @..... do....	.....	.....	753.7	733.2	727.4	722.6	724.8	737.0	749.0	759.0	773.0	785.5	793.1	797.0	800.9	803.2	
Large time deposits @..... do....	.....	.....	297.1	295.4	298.3	298.0	303.0	304.2	308.6	313.2	315.6	320.8	325.8	333.2	339.9	347.8	
PROFITS AND DIVIDENDS (QTRLY.)																	
Manufacturing corps. (Bureau of the Census):																	
Net profit after taxes, all industries..... mil. \$..	71,028	86,294	.....	15,729	.....	.....	22,174	.....	.....	23,308	.....	.....	25,083	.....	.....	.....	
Food and kindred products..... do....	8,389	8,877	.....	1,488	.....	.....	2,224	.....	.....	2,407	.....	.....	2,758	.....	.....	.....	
Textile mill products..... do....	851	1,605	.....	241	.....	.....	461	.....	.....	483	.....	.....	420	.....	.....	.....	
Paper and allied products..... do....	1,460	2,337	.....	441	.....	.....	543	.....	.....	678	.....	.....	675	.....	.....	.....	
Chemicals and allied products..... do....	10,324	11,733	.....	2,755	.....	.....	3,045	.....	.....	3,233	.....	.....	2,700	.....	.....	.....	
Petroleum and coal products..... do....	19,666	19,379	.....	3,658	.....	.....	4,529	.....	.....	5,530	.....	.....	5,662	.....	.....	.....	
Stone, clay, and glass products..... do....	408	1,127	.....	-123	.....	.....	340	.....	.....	536	.....	.....	374	.....	.....	.....	
Primary nonferrous metal..... do....	-333	-154	.....	-114	.....	.....	50	.....	.....	37	.....	.....	-127	.....	.....	.....	
Primary iron and steel..... do....	-3,705	-3,746	.....	-759	.....	.....	-616	.....	.....	-570	.....	.....	-1,801	.....	.....	.....	
Fabricated metal products (except ordnance, machinery, and transport. equip.)..... mil. \$..	2,320	2,748	.....	336	.....	.....	789	.....	.....	757	.....	.....	866	.....	.....	.....	
Machinery (except electrical)..... do....	8,038	8,192	.....	1,306	.....	.....	1,926	.....	.....	2,017	.....	.....	2,943	.....	.....	.....	
Elec. machinery, equip., and supplies..... do....	6,449	6,374	.....	1,313	.....	.....	1,268	.....	.....	1,591	.....	.....	2,202	.....	.....	.....	
Transportation equipment (except motor vehicles, etc.)..... mil. \$..	2,566	2,899	.....	595	.....	.....	847	.....	.....	728	.....	.....	729	.....	.....	.....	
Motor vehicles and equipment..... do....	734	7,295	.....	1,058	.....	.....	2,163	.....	.....	1,520	.....	.....	2,554	.....	.....	.....	
All other manufacturing industries..... do....	13,867	17,628	.....	3,534	.....	.....	4,605	.....	.....	4,361	.....	.....	5,128	.....	.....	.....	
Dividends paid (cash), all industries..... do....	41,259	41,510	.....	9,902	.....	.....	10,275	.....	.....	10,353	.....	.....	10,980	.....	.....	.....	
SECURITIES ISSUED @ @																	
Securities and Exchange Commission:																	
Estimated gross proceeds, total..... mil. \$..	73,424	101,912	8,923	11,959	12,142	12,838	8,646	7,423	6,212	6,649	6,053	7,242	6,215	8,025	10,236	.....	
By type of security:																	
Bonds and notes, corporate..... do....	44,004	48,081	3,484	5,045	7,821	8,170	2,314	3,290	2,727	2,680	2,433	3,316	2,443	5,067	7,594	.....	
Common stock..... do....	23,197	44,717	3,003	5,958	3,880	3,933	5,442	3,794	2,923	3,126	3,320	3,444	3,234	2,456	2,027	.....	
Preferred stock..... do....	4,950	7,548	1,964	957	441	486	790	340	317	644	300	433	288	305	515	.....	
By type of issuer:																	
Corporate, total #..... mil. \$..	72,151	100,345	8,449	11,960	12,142	12,588	8,547	7,424	5,965	6,450	6,054	7,193	5,965	7,827	10,137	.....	
Manufacturing..... do....	13,237	22,742	1,892	2,354	2,648	3,188	3,138	1,334	1,735	1,491	1,159	596	1,267	615	664	.....	
Extractive (mining)..... do....	6,923	8,580	441	1,530	624	556	531	943	345	476	409	1,124	360	823	132	.....	
Public utility..... do....	16,408	12,048	1,222	1,539	1,342	1,578	987	565	658	843	1,012	1,128	433	467	429	.....	
Transportation..... do....	2,091	4,157	561	336	287	370	205	497	220	178	305	303	508	64	89	.....	
Communication..... do....	3,894	5,508	18	1,883	986	505	381	1,120	245	103	56	12	12	239	20	.....	
Financial and real estate..... do....	23,089	34,715	3,598	3,051	4,138	4,435	1,982	2,044	1,975	2,252	2,490	3,530	2,682	4,380	7,697	.....	
State and municipal issues (Bond Buyer):																	
Long-term..... do....	77,179	81,201	5,897	7,850	9,819	9,083	8,355	4,589	6,563	5,779							

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983											1984			
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>FINANCE—Continued</b>																	
<b>Bonds—Continued</b>																	
<b>Yields:</b>																	
Domestic corporate (Moody's) .....	14.94	12.78	13.02	12.72	12.44	12.30	12.54	12.73	13.01	12.91	12.79	12.93	13.07	12.92	12.88	13.33	
By rating:																	
Aaa .....	13.79	12.04	12.01	11.73	11.51	11.46	11.74	12.15	12.51	12.37	12.25	12.41	12.57	12.20	12.08	12.57	
Aa .....	14.41	12.42	12.58	12.32	12.06	11.95	12.15	12.39	12.72	12.62	12.49	12.61	12.76	12.71	12.70	13.22	
A .....	15.43	13.10	13.52	13.20	12.86	12.68	12.88	12.99	13.17	13.11	12.97	13.09	13.21	13.13	13.11	13.54	
Baa .....	16.11	13.55	13.95	13.61	13.29	13.09	13.37	13.39	13.64	13.55	13.46	13.61	13.75	13.65	13.59	13.99	
By group:																	
Industrials .....	14.54	12.25	12.43	12.12	11.84	11.59	11.90	12.18	12.52	12.46	12.39	12.54	12.66	12.63	12.60	13.00	
Public utilities .....	15.33	13.31	13.60	13.31	13.03	13.00	13.17	13.28	13.50	13.35	13.19	13.33	13.48	13.40	13.50	14.03	
Railroads .....	13.68	12.08	12.13	12.11	11.90	11.62	11.78	12.07	12.13	12.04	12.08	12.35	12.46	12.41	12.28	12.54	
Domestic municipal:																	
Bond Buyer (20 bonds) .....	11.56	9.52	9.04	9.38	8.82	9.78	9.36	9.60	9.75	9.46	9.79	9.82	9.76	9.51	9.86	9.93	
Standard & Poor's Corp. (15 bonds) .....	11.57	9.48	9.55	9.16	8.96	9.03	9.51	9.46	9.72	9.57	9.64	9.79	9.90	9.61	9.63	9.92	
U.S. Treasury bonds, taxable f.....	12.23	10.84	10.60	10.34	10.19	10.21	10.64	11.10	11.42	11.26	11.21	11.32	11.44	11.29	11.44	11.90	
<b>Stocks</b>																	
<b>Prices:</b>																	
Dow-Jones averages (65 stocks) .....	345.40	472.24	428.91	447.11	458.20	476.19	485.45	485.34	470.13	491.30	500.44	503.46	502.80	501.80	458.29	456.10	
Industrial (30 stocks) .....	884.36	1,190.34	1,087.43	1,129.58	1,168.43	1,212.86	1,221.47	1,213.93	1,189.21	1,237.04	1,252.20	1,257.64	1,258.89	1,164.46	1,161.97		
Public utility (15 stocks) .....	111.95	129.98	124.32	126.88	126.08	129.21	128.21	130.40	129.60	132.47	138.35	137.74	132.47	127.55	127.49		
Transportation (20 stocks) .....	359.81	544.61	479.72	507.66	518.15	542.75	571.73	572.84	536.83	571.17	582.28	597.21	597.27	593.08	515.78	509.34	
<b>Standard &amp; Poor's Corporation: \$</b>																	
Combined index (500 Stocks) .....	119.71	160.41	146.80	151.88	157.71	164.10	166.39	166.96	162.42	167.16	167.65	165.23	164.36	166.39	157.25	157.44	
Industrial, total (400 Stocks) # .....	133.57	180.49	165.15	170.33	176.78	184.10	187.42	188.32	183.16	189.00	185.86	185.18	187.50	177.14	177.85		
Capital goods (105 Stocks) .....	119.98	171.62	154.08	159.04	163.82	173.34	177.89	180.42	176.42	182.89	183.09	178.25	179.19	179.05	164.27	173.64	
Consumer goods (191 Stocks) .....	109.37	150.77	133.89	144.43	149.93	154.90	156.13	157.69	150.32	155.43	160.20	158.41	156.39	145.88	144.55		
Utilities (40 Stocks) .....	54.78	64.87	61.52	62.13	62.95	64.88	64.14	65.06	64.85	66.00	69.10	68.95	66.95	68.50	66.25	65.25	
Transportation (20 Stocks) ◊ .....	100.00	28.88	129.94	134.83	139.00	147.81	151.37	152.55	145.72	157.79	158.30	160.49	159.52	156.11	138.50	137.88	
Railroads (6 Stocks) .....	74.82	108.46	91.73	95.45	100.90	109.37	110.91	112.03	112.86	120.37	119.43	116.19	112.90	102.29		103.41	
Financial (40 Stocks) .....	14.30	18.70	16.75	18.60	20.00	20.56	20.15	19.56	18.75	18.91	18.29	18.10	18.16	18.35	17.28	17.13	
New York City banks (6 Stocks) .....	54.76	69.23	64.58	70.91	78.18	79.16	73.22	69.77	68.75	68.47	63.28	64.57	65.97	69.65	69.51	66.38	
Banks outside N.Y.C. (10 Stocks) .....	95.87	113.16	100.25	107.22	115.35	122.92	121.77	120.07	119.44	118.31	111.76	108.15	111.52	114.51	108.81	103.67	
Property-Casualty Insurance (5 Stocks) .....	143.01	181.16	163.13	186.26	190.90	188.29	186.32	181.67	175.69	186.65	185.44	183.20	184.38	182.86	181.06	189.54	
New York Stock Exchange common stock indexes:																	
Composite .....	68.93	92.63	84.74	87.50	90.61	94.61	96.43	96.74	93.96	96.70	96.78	95.36	94.92	96.16	90.60	90.66	
Industrial .....	78.18	107.45	97.26	100.61	104.46	109.43	112.52	113.21	109.50	112.76	112.87	110.77	110.65	112.16	105.44	105.92	
Transportation .....	60.41	89.36	79.44	83.28	85.26	89.07	92.22	92.91	88.06	94.56	95.41	97.68	98.79	98.33	86.33	86.10	
Utility .....	39.74	47.00	45.92	45.89	46.22	47.62	46.76	46.61	46.94	48.16	48.73	48.50	47.00	47.43	45.67	44.83	
Finance .....	71.99	95.34	86.57	93.22	99.07	102.45	101.22	99.60	95.76	97.00	94.79	94.48	94.25	95.79	89.95	89.50	
Yields (Standard & Poor's Corp.):																	
Composite (500 stocks) .....	5.81	4.40	4.74	4.59	4.44	4.27	4.26	4.21	4.35	4.24	4.25	4.31	4.32	4.27	4.59		
Industrials (400 stocks) .....	5.48	4.04	4.39	4.26	4.12	3.96	3.93	3.88	4.01	3.91	3.93	3.75	3.71	4.00			
Utilities (40 stocks) .....	10.39	9.24	9.60	9.52	9.40	9.12	9.30	9.15	9.20	9.11	8.75	8.80	9.41	9.25	9.58		
Transportation (20 stocks) .....	4.32	2.85	3.19	3.04	2.98	2.81	2.83	2.77	2.88	2.65	2.64	2.60	2.61	2.68	3.12		
Financial (40 stocks) .....	5.92	4.79	5.24	4.75	4.45	4.33	4.47	4.65	4.75	4.72	4.90	4.98	5.00	4.98	5.31		
Preferred stocks, 10 high-grade .....	12.53	11.02	11.13	10.86	10.80	10.65	10.81	11.06	11.07	11.06	10.97	11.12	11.49	11.35	11.16	11.39	
Sales:																	
Total on all registered exchanges (SEC):																	
Market value .....	596,670	957,118	65,657	81,315	75,498	88,346	93,847	76,494	79,553	80,476	81,970	80,021	84,384	85,744	90,740		
Shares sold .....	22,414	30,147	2,189	2,681	2,431	2,825	2,857	2,319	2,633	2,399	2,446	2,327	2,327	2,619	2,863		
On New York Stock Exchange:																	
Market value .....	514,263	815,113	55,909	70,121	63,156	75,317	79,973	64,858	68,306	68,440	69,341	68,166	71,813	72,721	79,282		
Shares sold (cleared or settled) .....	18,211	24,253	1,756	2,183	1,930	2,246	2,264	1,837	2,191	1,946	1,965	1,883	2,131	2,129	2,412		
New York Stock Exchange:																	
Exclusive of odd-lot and stopped stock sales (sales effected) .....	16,458	21,590	1,615	1,902	1,793	1,953	1,974	1,590	1,706	1,740	1,794	1,815	1,849	2,216	1,933	1,855	
Shares listed, N.Y. Stock Exchange, end of period:																	
Market value, all listed shares .....	1,305,36	1,584,16	1,385,49	1,431,63	1,545,81	1,547,13	1,604,02	1,562,40	1,571,38	1,591,43	1,563,58	1,605,56	1,584,16	1,576,88	1,508,23	1,525,56	
Number of shares listed .....	39,516	45,118	40,298	40,468	41,090	41,508	42,321	43,382	43,763	43,888	44,276	44,920	45,118	46,825	46,825	46,938	

### FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																	
Exports (mdse.), incl. reexports, total @ .....	212,274.6	200,537.7	15,540.5	18,329.9	16,712.0	16,234.6	17,557.7	15,895.1	15,639.7	16,845.3	17,250.8	16,817.1	17,509.9	17,165.5	17,014.9		
Excl. Dept. of Defense shipments .....	212,193.1	200,458.5	15,531.5	18,327.5	16,707.5	16,228.5	17,555.3	15,894.1	15,638.7	16,844.0	17,244.4	16					

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983											1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

### FOREIGN TRADE OF THE UNITED STATES—Continued

VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Europe:																
France.....	7,110.4	5,961.3	563.6	686.9	524.2	502.3	483.7	412.4	395.9	439.5	497.9	424.6	483.5	549.1	.....	.....
German Democratic Republic (formerly E. Germany).....	222.8	139.0	5.5	20.2	25.2	8.2	4.3	1.3	0.6	10.3	13.3	22.0	13.4	13.5	.....	.....
Federal Republic of Germany (formerly W. Germany).....	9,291.3	8,736.7	662.9	790.0	768.2	743.9	699.8	745.2	698.6	681.5	746.6	740.2	727.9	816.5	.....	.....
Italy.....	4,616.1	3,907.5	387.5	386.0	353.2	369.4	299.3	264.4	273.7	258.1	308.3	297.5	331.1	379.9	.....	.....
Union of Soviet Socialist Republics.....	2,587.3	2,002.9	219.9	179.3	219.5	42.9	88.7	44.3	66.2	68.5	247.6	250.8	308.8	189.4	.....	.....
United Kingdom.....	10,644.7	10,621.2	885.0	1,021.5	962.0	963.6	793.3	793.2	841.5	810.6	999.5	823.9	866.5	870.9	.....	.....
North and South America:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canada.....	33,720.2	38,244.1	2,675.5	3,555.8	3,223.2	3,440.8	3,329.3	2,634.5	3,031.9	3,421.8	3,516.7	3,437.7	3,305.3	3,477.8	.....	.....
Latin American republics, total #.....	30,086.3	22,618.4	1,754.9	1,776.7	1,705.7	1,785.6	2,040.6	1,976.6	1,932.4	1,953.5	1,960.1	1,876.0	1,994.9	1,937.4	.....	.....
Brazil.....	3,422.7	2,557.1	195.5	185.4	198.8	183.9	286.8	294.2	179.2	200.5	196.4	205.6	236.0	187.5	.....	.....
Mexico.....	11,816.9	9,081.6	712.3	746.7	681.2	825.9	802.3	761.7	881.2	775.8	784.8	755.9	723.7	846.2	.....	.....
Venezuela.....	5,206.2	2,811.3	265.3	199.5	134.8	160.9	227.8	222.0	174.0	200.7	225.2	242.6	368.6	230.8	.....	.....
Exports of U.S. merchandise, total \$.....	207,157.6	195,969.4	15,198.8	17,913.0	16,360.7	15,854.5	17,201.1	15,566.9	15,252.0	16,480.2	16,798.4	16,418.2	17,107.0	16,686.6	.....	.....
Excluding military grant-aid.....	207,076.2	195,917.5	15,189.7	17,910.6	16,356.2	15,848.4	17,198.6	15,565.9	15,250.9	16,478.9	16,791.9	16,413.3	17,098.6	16,682.1	.....	.....
Agricultural products, total.....	36,622.6	36,107.7	3,018.0	3,188.1	2,981.1	2,679.9	2,789.0	2,595.7	2,613.5	2,973.1	3,175.5	3,479.5	3,499.2	3,546.5	.....	.....
Nonagricultural products, total.....	170,535.0	159,861.6	12,180.8	14,724.9	13,379.6	13,174.6	14,412.1	12,971.2	12,638.5	13,507.1	13,622.9	12,938.7	13,607.8	13,140.1	.....	.....
By commodity groups and principal commodities:																
Food and live animals #.....	23,950.4	24,166.0	1,963.6	2,098.2	1,904.2	1,769.0	1,910.6	1,865.9	1,854.3	2,122.9	2,158.8	2,242.6	2,182.0	2,159.0	1,938.9	.....
Beverages and tobacco.....	3,026.2	2,813.0	223.6	227.1	213.4	199.3	231.3	193.4	215.7	207.4	266.5	375.7	288.1	198.5	231.4	.....
Crude materials, inedible, exc. fuels #.....	19,248.4	18,596.0	1,458.5	1,609.8	1,645.4	1,495.4	1,527.2	1,342.2	1,478.7	1,491.4	1,548.6	1,608.8	1,813.1	1,867.1	1,836.4	.....
Mineral fuels, lubricants, etc. #.....	12,728.8	9,499.9	681.1	843.6	872.6	759.4	816.3	652.6	837.5	821.0	777.0	680.6	751.8	582.4	502.2	.....
Oils and fats, animal and vegetable.....	1,540.9	1,459.0	139.5	114.9	166.7	129.3	84.9	127.0	111.7	157.0	80.9	120.7	137.4	168.9	170.3	.....
Chemicals.....	19,890.5	19,750.8	1,491.8	1,704.1	1,586.5	1,557.7	1,820.0	1,620.8	1,742.0	1,609.8	1,754.5	1,592.4	1,706.2	1,759.7	1,708.8	.....
Manufactured goods #.....	16,738.6	14,851.7	1,087.3	1,332.7	1,315.5	1,269.6	1,226.7	1,173.9	1,235.3	1,250.7	1,277.5	1,273.8	1,248.0	1,203.7	1,248.0	.....
Machinery and transport equipment,	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
total.....	87,128.1	82,563.2	6,406.1	8,041.1	6,794.1	6,865.3	7,812.8	6,626.6	6,006.6	6,792.3	7,035.3	6,749.0	7,259.6	6,806.3	6,997.4	.....
Machinery, total #.....	59,324.2	54,308.5	3,989.1	4,920.0	4,513.6	4,514.8	4,558.3	4,554.0	4,238.3	4,646.0	4,928.2	4,579.4	4,614.4	4,714.7	.....	.....
Transport equipment, total.....	27,823.9	28,269.3	2,417.7	3,121.8	2,281.2	2,353.5	3,255.1	2,703.4	1,768.7	2,146.5	2,109.6	2,170.4	2,649.0	2,092.2	.....	.....
Motor vehicles and parts.....	13,906.8	14,462.8	1,076.1	1,349.1	1,288.1	1,370.4	1,246.4	959.0	1,049.5	1,250.6	1,377.5	1,314.6	1,222.9	1,315.5	.....	.....
VALUE OF IMPORTS																
General imports, total.....	243,951.9	258,047.8	17,592.6	20,311.2	19,807.8	21,932.9	21,763.0	21,583.9	23,058.6	21,736.3	25,130.2	23,304.7	21,677.6	26,496.8	25,117.8	.....
Seasonally adjusted.....	.....	.....	18,804.1	19,527.5	19,913.6	21,446.2	20,915.8	21,827.7	22,714.1	22,451.4	24,332.8	23,114.7	22,975.7	26,586.1	26,147.1	.....
By geographic regions:																
Africa.....	17,770.1	14,424.6	866.8	874.4	950.0	1,232.7	1,342.5	1,519.9	1,546.6	1,413.7	1,258.7	1,190.0	958.3	1,086.8	.....	.....
Asia.....	86,169.5	91,463.5	6,185.4	6,956.0	6,278.3	7,005.4	7,679.3	7,776.7	8,622.0	7,669.8	9,703.4	8,896.8	7,950.5	9,829.5	.....	.....
Australia and Oceania.....	3,130.5	3,043.5	216.6	227.2	221.4	239.7	262.5	256.5	303.1	271.0	286.0	238.9	275.2	247.0	.....	.....
Europe.....	53,412.7	55,243.0	3,767.0	4,434.4	4,602.4	4,815.4	4,662.4	5,080.8	4,391.2	5,040.3	4,739.1	4,359.5	6,030.3	.....	.....	.....
Northern North America.....	146,497.7	151,149.6	3,753.7	4,534.4	4,227.8	4,529.7	4,691.9	3,937.4	4,057.8	4,322.3	4,673.8	4,737.5	4,816.1	5,219.8	.....	.....
Southern North America.....	23,525.0	25,731.0	1,806.4	2,032.6	2,131.3	2,577.6	1,965.0	2,046.6	2,135.5	2,175.4	2,612.2	2,226.7	2,039.1	2,279.6	.....	.....
South America.....	14,444.1	15,991.9	996.6	1,252.2	1,396.6	1,532.4	1,160.2	1,354.5	1,312.7	1,492.8	1,555.8	1,275.5	1,278.8	1,803.8	.....	.....
By leading countries:																
Africa:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Egypt.....	547.2	302.7	95.0	16.3	4.0	4.5	17.8	37.4	20.5	33.4	23.6	16.5	15.9	35.0	.....	.....
Republic of South Africa.....	1,966.8	2,027.3	162.7	162.8	263.5	183.8	169.0	144.4	154.1	185.3	166.6	205.0	87.8	202.4	.....	.....
Asia; Australia and Oceania:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Australia, including New Guinea.....	12,304.6	2,247.5	158.1	169.7	147.6	164.1	175.4	168.6	223.1	201.4	233.8	184.5	225.2	197.1	.....	.....
Japan.....	37,743.7	41,183.2	2,894.4	3,440.2	3,080.2	3,461.1	3,283.8	3,557.5	3,633.8	2,975.7	4,070.7	4,025.7	3,807.0	4,613.8	.....	.....
Europe:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
France.....	5,545.3	6,025.0	434.8	471.9	492.8	517.9	497.0	469.6	500.6	514.6	571.9	456.1	427.5	787.3	.....	.....
German Democratic Republic (formerly E. Germany).....	153.9	58.1	5.7	5.3	5.3	3.4	3.5	4.6	5.5	3.2	5.1	7.2	3.9	8.4	.....	.....
Federal Republic of Germany (formerly W. Germany).....	11,974.8	12,695.3	887.4	1,064.5	1,044.6	1,011.7	1,114.2	1,044.4	1,126.9	887.6	1,215.6	1,222.9	1,086.3	1,629.1	.....	.....
Italy.....	5,301.4	5,455.3	367.4	460.6	448.9	428.4	455.3	494.5	541.7	442.1	451.1	448.6	445.6	551.5	.....	.....
Union of Soviet Socialist Republics.....	122.6	346.5	25.1	20.0	25.2	16.4	16.5	7.8	72.1	51.7	36.6	28.4	23.9	28.8	.....	.....
United Kingdom.....	13,094.8	12,469.6	774.9	897.8	922.1	1,227.8	1,032.3	1,129.7	1,318.0	1,106.6	1,122.5	1,005.5	911.2			

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

### FOREIGN TRADE OF THE UNITED STATES—Continued

Indexes		1983												1984				
Exports (U.S. mdse., excl. military grant-aid):		Unit value	1977=100..	152.5	154.1	155.0	154.1	154.8	152.6	153.7	155.0	154.0	154.9	156.6	156.5	155.8	157.4	158.1
Unit value .....	do..	115.1	107.8	99.7	118.2	107.5	105.7	113.9	102.2	100.8	108.3	109.1	106.7	111.7	111.7	107.8	106.8	
Quantity .....	do..	175.6	166.2	154.6	182.3	166.5	161.3	175.0	158.4	155.2	167.7	170.9	167.0	174.0	169.8	168.8		
Value .....	do..																	
General imports:		Unit value .....	do..	167.5	160.6	162.0	162.2	160.7	158.9	160.2	158.7	160.8	160.9	160.7	161.0	162.7	162.6	161.5
Unit value .....	do..	99.9	110.3	89.4	103.1	101.5	113.7	111.9	112.0	118.1	111.2	128.8	119.2	109.7	134.2	128.1		
Quantity .....	do..	167.4	177.1	144.8	167.3	163.1	180.6	179.2	177.7	189.9	179.0	206.9	191.9	178.5	218.2	206.8		
Value .....	do..																	
Shipping Weight and Value																		
Waterborne trade:		Exports (incl. reexports):																
Shipping weight .....	thous. sh. tons..	400,896	.....	28,071	30,532	30,409	28,757	31,256	27,814	29,478	31,028	30,520	30,222	.....	.....	.....	.....	
Value .....	mil. \$..	115,885	.....	8,004	8,758	8,644	7,829	8,345	8,051	8,130	8,377	8,524	8,519	.....	.....	.....	.....	
General imports:		Shipping weight .....	thous. sh. tons..	'376,232	.....	22,504	23,412	25,526	32,956	31,134	32,434	35,406	35,595	38,810	32,237	.....	.....	.....
Value .....	mil. \$..	'155,513	.....	10,563	11,616	11,161	13,323	12,924	13,354	14,324	13,237	15,641	14,195	.....	.....	.....	.....	

### TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																	
Air Carriers (Scheduled Service)																	
Certified route carriers:																	
Passenger-miles (revenue) .....	bil.	259.64	*281.15	19.36	24.87	21.88	22.95	25.90	26.66	27.31	21.60	22.49	20.83	22.35	21.49	.....	.....
Passenger-load factor .....	percent.	59.0	60.7	60.2	67.6	60.3	59.1	65.1	63.4	64.6	57.3	59.0	56.7	56.9	53.7	.....	.....
Ton-miles (revenue), total .....	mil.	32,850	*35,680	2,462	3,119	2,777	2,895	3,213	3,293	3,366	2,812	2,945	2,784	2,949	2,732	.....	.....
Operating revenues (quarterly) # \$ .....	mil. \$..	36,013	.....	8,422	.....	.....	9,570	.....	.....	10,560	.....	.....	.....	.....	.....	.....	.....
Passenger revenues .....	do..	30,326	.....	7,122	.....	.....	8,178	.....	.....	9,014	.....	.....	.....	.....	.....	.....	.....
Cargo revenues .....	do..	2,404	.....	559	.....	.....	612	.....	.....	666	.....	.....	.....	.....	.....	.....	.....
Mail revenues .....	do..	705	.....	162	.....	.....	161	.....	.....	153	.....	.....	.....	.....	.....	.....	.....
Operating expenses (quarterly) \$ .....	do..	36,715	.....	9,074	.....	.....	9,465	.....	.....	9,942	.....	.....	.....	.....	.....	.....	.....
Net income after taxes (quarterly) \$ .....	do..	-870	.....	-700	.....	.....	24	.....	.....	351	.....	.....	.....	.....	.....	.....	.....
Domestic operations:																	
Passenger-miles (revenue) .....	bil.	210.15	*222.57	16.43	21.25	18.04	18.41	20.44	20.44	20.97	16.41	17.75	17.29	18.26	17.42	.....	.....
Cargo ton-miles .....	mil.	3,039	*3,383	236	288	263	275	289	279	295	292	309	311	297	262	.....	.....
Mail ton-miles .....	do..	1,004	1,064	78	94	88	82	85	81	84	82	88	91	129	90	.....	.....
Operating revenues (quarterly) \$ .....	mil. \$..	28,730	.....	6,898	.....	.....	7,673	.....	.....	8,231	.....	.....	.....	.....	.....	.....	.....
Operating expenses (quarterly) \$ .....	do..	29,466	.....	7,567	.....	.....	7,728	.....	.....	7,907	.....	.....	.....	.....	.....	.....	.....
Net income after taxes (quarterly) \$ .....	do..	-690	.....	-674	.....	.....	-81	.....	.....	99	.....	.....	.....	.....	.....	.....	.....
International operations:																	
Passenger-miles (revenue) .....	bil.	49.43	54.84	2.93	3.62	3.84	4.54	5.46	6.21	6.34	5.19	4.74	3.74	4.09	4.07	.....	.....
Cargo ton-miles .....	mil.	2,430	*2,704	184	217	206	210	217	235	224	247	263	259	234	196	.....	.....
Mail ton-miles .....	do..	399	415	29	33	32	34	32	32	32	31	35	41	54	34	.....	.....
Operating revenues (quarterly) \$ .....	mil. \$..	6,435	.....	1,431	.....	.....	1,804	.....	.....	2,206	.....	.....	.....	.....	.....	.....	.....
Operating expenses (quarterly) \$ .....	do..	6,454	.....	1,428	.....	.....	1,655	.....	.....	1,935	.....	.....	.....	.....	.....	.....	.....
Net income after taxes (quarterly) \$ .....	do..	-192	.....	-31	.....	.....	100	.....	.....	234	.....	.....	.....	.....	.....	.....	.....
Urban Transit Systems																	
Passengers carried, total .....	mil.	7,714	7,859	618	716	656	664	661	593	658	653	687	672	658	647	.....	.....
Motor Carriers																	
Carriers of property, large, class I, qtrly.:																	
Number of reporting carriers .....		100	.....	100	.....	.....	100	.....	.....	100	.....	.....	.....	.....	.....	.....	.....
Operating revenues, total .....	mil. \$..	15,404	.....	3,610	.....	.....	4,029	.....	.....	4,254	.....	.....	.....	.....	.....	.....	.....
Net income, after extraordinary and prior period charges and credits .....	mil. \$..	308	.....	32	.....	.....	121	.....	.....	113	.....	.....	.....	.....	.....	.....	.....
Tonnage hauled (revenue), common and contract carrier service .....	mil. tons..	*82	.....	36	.....	.....	41	.....	.....	43	.....	.....	.....	.....	.....	.....	.....
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																	
Common carriers of general freight, seas. adj. .... 1967=100..		128.9	138.3	126.3	127.5	130.5	133.6	135.7	151.0	138.5	139.6	139.0	139.5	*141.4	*144.4	*139.7	.....
Class I Railroads ‡																	
Financial operations, qtrly. (AAR), excl. Amtrak:																	
Operating revenues, total # .....	mil. \$..	27,507	.....	6,487	.....	.....	6,584	.....	.....	6,808	.....	.....	.....	.....	.....	.....	.....
Freight .....	do..	25,627	.....	6,171	.....	.....	6,750	.....	.....	6,579	.....	.....	.....	.....	.....	.....	.....
Passenger, excl. Amtrak .....	do..	571	.....	75	.....	.....	77	.....	.....	26	.....	.....	.....	.....	.....	.....	.....
Operating expenses .....	do..	26,473	.....	6,126	.....	.....	6,346	.....	.....	6,319	.....	.....	.....	.....	.....	.....	.....
Net railway operating income .....	do..	767	.....	256	.....	.....	247	.....	.....	399	.....	.....	.....	.....	.....	.....	.....
Ordinary income .....	do..	*1,202	.....	173	.....	.....	255	.....	.....	371	.....	.....	.....	.....	.....	.....	.....
Traffic:																	
Revenue ton-miles, qtrly. (AAR) .... bil.		797.8	*826.2	355.4	*196.1	355.3	355.4	355.4	203.9	355.6	355.6	355.6	*210.8	*215.3	370.7	370.7	223.0
Price index for railroad freight .... 1969=100..		351.4	355.8	355.4	355.3	355.3	355.4	355.4	355.6	355.6	355.6	357.1	357.1	357.2	372	372	.....
Travel																	
Lodging industry:																	
Restaurant sales index .... same month 1967=100..		196	202	181	201	198	218	220	212	200	203	223	202	204	.....	.....	.....
Hotels: Average room sale ◊ dollars....		61.71	64.51	65.86	62.23	67.24	62.94	64.45	61.63	63.25	68.16	68.50	64.39	64.01	.....	.....	.....
Rooms occupied % of total..		63	64	63	68	68	66	68	62	68	64	72	64	50	.....	.....	.....
Motor hotels: Average room sale ◊ dollars....		41.16	42.30	41.95	43.33	43.49	42.17	43.53	44.24	42.74	42.09	41.55	41.89	40.52	.....	.....	.....
Rooms occupied % of total..		64	66	68	71	69	68	72	72	74	64	67	62	50			

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983											1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>TRANSPORTATION AND COMMUNICATION—Continued</b>																
<b>COMMUNICATION</b>																
Telephone carriers:																
Operating revenues # mil. \$ .....	73,808	78,092	6,198	6,628	6,485	6,498	6,542	6,504	6,558	6,569	6,673	6,560	6,660	.....	.....	.....
Station revenues do. ....	31,678	33,090	2,744	2,735	2,760	2,775	2,750	2,725	2,754	2,802	2,780	2,757	.....	.....	.....	.....
Tolls, message do. ....	28,099	30,325	2,138	4,704	2,331	2,358	2,352	2,311	2,498	2,318	2,352	2,301	2,369	.....	.....	.....
Operating expenses (excluding taxes) do. ....	51,269	53,095	4,113	3,929	4,299	4,378	4,443	4,325	4,332	4,137	4,651	4,716	5,647	.....	.....	.....
Net operating income (after taxes) do. ....	11,951	12,797	1,081	1,420	1,139	1,094	1,043	1,123	1,158	1,195	1,038	948	488	.....	.....	.....
Phones in service, end of period mil. ....	157.8	134.4	156.2	155.4	154.5	153.4	146.8	144.6	142.5	140.6	138.6	136.5	134.4	.....	.....	.....
Telegraph carriers:																
Domestic:																
Operating revenues mil. \$ .....	809.3	.....	65.2	74.9	69.9	72.8	74.4	70.0	75.5	74.1	73.1	74.6	.....	.....	.....	.....
Operating expenses do. ....	678.7	.....	55.8	59.4	57.9	59.6	60.9	60.6	63.5	60.4	63.2	66.2	.....	.....	.....	.....
Net operating revenues (before taxes) do. ....	86.8	.....	5.8	10.9	8.4	9.2	9.9	5.8	8.2	8.6	6.2	4.9	.....	.....	.....	.....
Overseas, total:																
Operating revenues do. ....	607.7	.....	48.9	54.8	49.9	52.3	53.9	40.8	50.3	50.2	52.5	53.4	.....	.....	.....	.....
Operating expenses do. ....	495.2	.....	41.7	43.8	43.6	44.3	44.1	43.5	43.8	43.8	44.7	44.9	.....	.....	.....	.....
Net operating revenues (before taxes) do. ....	83.7	.....	4.6	8.4	3.5	5.6	6.9	1.8	4.0	4.0	5.5	5.9	.....	.....	.....	.....

**CHEMICALS AND ALLIED PRODUCTS**

<b>CHEMICALS</b>																
<b>Inorganic Chemicals</b>																
Production:																
Aluminum sulfate, commercial (17% Al <sub>2</sub> O <sub>3</sub> ) ‡ thous. sh. tons. ....	1,154	1,144	86	103	87	100	107	87	117	101	86	91	100	(*)	.....	.....
Chlorine gas (100% Cl <sub>2</sub> ) ‡ do. ....	9,176	9,960	759	812	810	848	806	872	883	862	862	857	803	796	.....	.....
Hydrochloric acid (100% HCl) ‡ do. ....	2,460	2,608	217	222	188	198	226	220	235	240	228	225	207	257	.....	.....
Phosphorus, elemental do. ....	361	366	27	32	30	31	30	27	30	32	34	34	30	31	.....	.....
Sodium hydroxide (100% NaOH) ‡ do. ....	9,385	10,230	789	840	850	881	816	895	884	889	879	872	813	803	.....	.....
Sodium silicate, anhydrous ‡ do. ....	664	732	50	61	57	74	65	57	58	76	77	52	58	59	.....	.....
Sodium sulfate, anhydrous ‡ do. ....	864	855	79	76	70	76	62	63	70	74	71	73	66	66	.....	.....
Sodium tripolyphosphate (100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> ) ‡ do. ....	651	669	48	53	51	50	53	60	62	56	59	60	55	53	.....	.....
Titanium dioxide (composite and pure) ‡ do. ....	657	757	60	61	68	59	65	62	68	67	63	67	60	60	.....	.....
Sulfur, native (Frasch) and recovered:																
Production thous. lg. tons. ....	8,478	8,028	572	667	635	661	636	668	674	679	702	725	749	729	717	.....
Stocks (producers') end of period do. ....	4,136	3,168	3,957	3,805	3,701	3,634	3,658	3,662	3,600	3,504	3,438	3,316	3,168	3,122	3,090	.....
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡ thous. sh. tons. ....	15,776	13,683	1,065	1,264	1,182	1,140	1,011	975	1,096	1,137	1,213	1,238	1,245	1,293	.....	.....
Ammonium nitrate, original solution ‡ do. ....	7,091	6,618	564	647	607	581	506	420	391	461	604	648	597	592	.....	.....
Ammonium sulfate ‡ do. ....	1,769	1,968	154	165	160	177	161	170	161	167	184	175	162	162	.....	.....
Nitric acid (100% HNO <sub>3</sub> ) ‡ do. ....	7,390	7,373	595	712	650	626	551	505	479	584	690	702	649	643	.....	.....
Nitrogen solutions (100% N) ‡ do. ....	2,728	2,403	150	235	228	242	179	149	192	205	226	237	213	217	.....	.....
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ) ‡ do. ....	8,262	9,950	807	922	895	754	650	731	800	832	924	934	952	853	.....	.....
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> ) ‡ do. ....	32,680	34,725	2,830	3,142	2,983	2,757	2,451	2,551	2,729	2,910	3,120	3,211	3,383	3,106	.....	.....
Superphosphate and other phosphatic fertilizers (gross weight):																
Production thous. sh. tons. ....	13,139	15,774	1,240	1,478	1,402	1,237	1,086	1,125	1,251	1,329	1,439	1,501	1,463	1,388	.....	.....
Stocks, end of period ‡ do. ....	892	844	773	688	820	1,069	1,023	1,017	812	658	582	641	844	867	.....	.....
Potash, sales (K <sub>2</sub> O) do. ....	5,186	6,271	383	543	458	627	474	326	597	691	638	646	457	566	510	.....
Exports, total # do. ....	20,337	22,832	1,755	1,937	1,933	1,568	1,983	1,787	1,892	2,113	1,815	1,894	1,651	2,344	1,553	.....
Nitrogenous materials do. ....	2,645	1,982	131	182	219	161	247	148	134	167	157	178	137	186	45	.....
Phosphate materials do. ....	11,997	14,837	1,124	1,289	1,258	1,122	1,127	1,194	1,126	1,444	1,206	1,185	1,051	1,432	899	.....
Potash materials do. ....	1,218	804	27	63	48	33	93	48	97	93	44	54	78	92	79	.....
Imports:																
Ammonium nitrate do. ....	262	347	16	34	44	39	12	22	15	38	28	46	26	34	53	.....
Ammonium sulfate do. ....	319	285	13	35	33	18	16	4	29	11	17	14	40	60	19	.....
Potassium chloride do. ....	7,154	7,875	461	860	765	679	403	396	717	629	840	710	742	706	790	.....
Sodium nitrate do. ....	131	97	0	9	23	16	22	7	8	3	6	0	4	21	24	.....
Industrial Gases ‡																
Production:																
Acetylene mil. cu. ft. ....	3,828	3,304	228	248	265	311	253	248	297	298	292	315	312	297	.....	.....
Hydrogen (high and low purity) do. ....	88,884	103,859	7,893	8,098	8,251	8,173	8,209	8,522	7,758	8,864	10,523	10,149	9,445	9,715	.....	.....
Nitrogen (high and low purity) do. ....	483,886	579,574	44,671	48,951	48,540	49,831	47,344	49,131	49,986	47,755	48,795	48,347	49,703	51,369	.....	.....
Oxygen (high and low purity) do. ....	348,548	347,394	27,701	29,052	28,659	28,668	28,014	29,451	29,424	30,781	30,657	29,512	28,009	31,331	.....	.....
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin) mil. lb. ....	123.4	130.8	2.4	2.7	2.7	2.4	2.2	2.5	2.4	1.9	3.2	2.6	2.2	2.6	2.7	.....
Creosote oil mil. gal. ....	136.3	175.6	5.6	5.6	6.2	6.8	7.9	5.7	6.8	6.6	6.9	6.1	7.7	6.0	7.2	.....
Ethyl acetate (85%) mil. lb. ....	1,235.4	1,206.0	20.3	27.7	10.6	15.0	15.2	14.2	15.0	15.6	15.1	16.7	16.3	15.6	16.3	.....
Formaldehyde (37% HCHO) do. ....	4,816.5	5,398.0	417.8	470.2	490.5	461.5	442.9	415.0	437.3	462.6	498.8	453.1	462.6	409.1	453.6	.....

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>CHEMICALS AND ALLIED PRODUCTS—Continued</b>																		
<b>PLASTICS AND RESIN MATERIALS</b>																		
Production:																		
Phenolic resins .....	mil. lb.	'1,397.7	'1,404.5	104.5	115.0	112.2	112.6	119.7	105.1	124.7	123.0	132.8	118.0	137.4	116.1	128.5		
Polyethylene and copolymers .....	do.	'12,548.0	'13,837.5	1,050.3	1,137.1	1,139.1	1,157.0	1,143.3	1,188.8	1,136.7	1,208.1	1,257.1	1,194.4	1,088.6	1,178.3	1,200.4		
Polypropylene .....	do.	'3,515.0	'4,452.3	351.5	345.8	337.8	363.0	386.3	376.1	353.1	409.9	407.8	388.9	366.2	388.1	413.4		
Polystyrene and copolymers .....	do.	'5,608.6	'5,542.1	432.2	489.6	459.5	463.3	469.4	433.7	432.3	464.4	492.7	495.9	445.6	460.8	480.1		
Polyvinyl chloride and copolymers .....	do.	'5,397.2	'5,626.5	452.0	543.5	478.1	513.2	535.3	492.7	454.8	487.5	483.8	441.1	354.9	406.8	471.6		
<b>MISCELLANEOUS PRODUCTS</b>																		
Explosives (industrial), shipments, quarterly	mil. lb.	2,514.9	2,129.3	.....	487.5	.....	.....	537.5	.....	.....	589.8	.....	514.6	.....	.....	.....	.....	
Paints, varnish, and lacquer, shipments: ◊	mil. \$.	7,112.6	8,553.3	569.9	722.8	744.8	802.4	893.5	763.4	831.2	'783.8	718.8	632.4	551.6	674.6	.....	.....	
Total shipments .....	mil. \$.	3,113.4	3,846.5	256.5	342.8	346.1	380.3	454.8	367.1	392.8	'344.4	292.7	232.6	204.9	256.4	.....	.....	
Architectural coatings .....	do.	2,598.4	3,003.7	202.9	247.8	254.5	269.8	280.4	244.3	272.0	'275.1	276.5	258.4	225.2	283.4	.....	.....	
Product finishes (OEM) .....	do.	1,400.8	1,703.1	110.5	132.2	144.3	152.3	158.2	152.0	166.3	'164.3	149.5	141.4	121.6	134.8	.....	.....	
Special purpose coatings .....	do.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

**ELECTRIC POWER AND GAS**

<b>ELECTRIC POWER</b>																		
Production:																		
Electric utilities, total .....	mil. kw-hr.	2,241,211	'2,310,285	'172,479	'182,488	'170,372	'174,392	'191,048	'220,165	'229,957	'195,604	'182,931	'182,949	'212,319	216,450	.....	.....	
By fuels .....	do.	1,931,998	'1,978,154	'144,530	'152,185	'140,384	'143,198	'160,356	'192,052	'204,130	'173,892	'162,184	'158,270	'180,628	186,710	.....	.....	
By waterpower .....	do.	309,213	'332,130	27,950	30,302	'29,989	'31,194	30,692	'28,113	'25,828	'21,712	'20,747	'24,678	31,691	29,738	.....	.....	
Sales to ultimate customers, total (Edison Electric Institute) † .....	mil. kw-hr.	2,093,592	.....	.....	526,540	.....	.....	501,648	.....	.....	603,471	.....	.....	.....	.....	.....	.....	
Commercial § .....	do.	514,087	.....	.....	125,226	.....	.....	123,083	.....	.....	153,091	.....	.....	.....	.....	.....	.....	
Industrial § .....	do.	770,670	.....	.....	187,908	.....	.....	199,884	.....	.....	208,702	.....	.....	.....	.....	.....	.....	
Railways and railroads .....	do.	4,288	.....	.....	1,191	.....	.....	953	.....	.....	1,092	.....	.....	.....	.....	.....	.....	
Residential or domestic .....	do.	729,240	.....	.....	193,729	.....	.....	160,273	.....	.....	221,583	.....	.....	.....	.....	.....	.....	
Street and highway lighting .....	do.	14,188	.....	.....	3,752	.....	.....	3,170	.....	.....	3,335	.....	.....	.....	.....	.....	.....	
Other public authorities .....	do.	55,729	.....	.....	13,524	.....	.....	12,999	.....	.....	13,955	.....	.....	.....	.....	.....	.....	
Interdepartmental .....	do.	5,390	.....	.....	1,211	.....	.....	1,286	.....	.....	1,713	.....	.....	.....	.....	.....	.....	
Revenue from sales to ultimate customers (Edison Electric Institute) † .....	mil. \$.	121,127	.....	.....	30,803	.....	.....	29,515	.....	.....	38,274	.....	.....	.....	.....	.....	.....	
<b>GAS †</b>																		
Total utility gas, quarterly																		
(American Gas Association):																		
Customers, end of period, total .....	thous.	'48,519	48,940	.....	48,918	.....	.....	48,815	.....	.....	47,915	.....	.....	48,940	.....	.....	.....	
Residential .....	do.	'44,652	45,040	.....	44,996	.....	.....	44,905	.....	.....	44,154	.....	.....	45,040	.....	.....	.....	
Commercial .....	do.	'3,636	3,670	.....	3,689	.....	.....	3,679	.....	.....	3,532	.....	.....	3,670	.....	.....	.....	
Industrial .....	do.	'185	183	.....	184	.....	.....	183	.....	.....	183	.....	.....	183	.....	.....	.....	
Other .....	do.	'46	46	.....	48	.....	.....	47	.....	.....	46	.....	.....	46	.....	.....	.....	
Sales to customers, total .....	tril. Btu.	'14,280	'12,673	.....	4,319	.....	.....	2,694	.....	.....	2,252	.....	.....	3,428	.....	.....	.....	
Residential .....	do.	'4,770	'4,495	.....	1,906	.....	.....	931	.....	.....	384	.....	.....	1,258	.....	.....	.....	
Commercial .....	do.	'2,471	2,344	.....	925	.....	.....	483	.....	.....	287	.....	.....	648	.....	.....	.....	
Industrial .....	do.	'6,892	'5,688	.....	1,418	.....	.....	1,249	.....	.....	1,559	.....	.....	1,481	.....	.....	.....	
Other .....	do.	'148	'145	.....	69	.....	.....	31	.....	.....	22	.....	.....	40	.....	.....	.....	
Revenue from sales to customers, total .....	mil. \$.	'63,391	'64,095	.....	22,572	.....	.....	13,897	.....	.....	10,799	.....	.....	17,049	.....	.....	.....	
Residential .....	do.	'23,701	'26,145	.....	10,752	.....	.....	5,560	.....	.....	2,615	.....	.....	7,198	.....	.....	.....	
Commercial .....	do.	'11,666	'12,691	.....	4,996	.....	.....	2,683	.....	.....	1,568	.....	.....	3,417	.....	.....	.....	
Industrial .....	do.	'27,389	'24,557	.....	6,475	.....	.....	5,511	.....	.....	6,521	.....	.....	6,236	.....	.....	.....	
Other .....	do.	'635	'702	.....	348	.....	.....	143	.....	.....	94	.....	.....	198	.....	.....	.....	

**FOOD AND KINDRED PRODUCTS; TOBACCO**

<b>ALCOHOLIC BEVERAGES</b>																		
Beer:																		
Production .....	mil. bbl.	195.01	192.14	14.56	16.78	15.54	18.17	18.47	18.50	18.27	15.71	15.30	13.62	12.46	14.15	.....	.....	
Taxable withdrawals .....	do.	176.57	'177.61	12.66	15.07	15.49	16.84	17.01	16.85	17.35	14.84	13.77	13.17	11.98	12.42	.....	.....	
Stocks, end of period .....	do.	13.22	13.26	14.46	16.05	16.21	15.84	15.82	15.73	14.98	14.53	14.30	13.92	13.26	13.70	.....	.....	
Distilled spirits (total):																		
Production .....	mil. tax gal.	'138.06	.....	10.91	12.89	11.82	11.19	9.23	5.62	6.24	10.27	12.28	9.27	.....	.....	.....	.....	
Consumption, apparent, for beverage purposes .....	mil. wine gal.	'437.66	'431.13	29.00	36.27	33.72	34.06	38.65	'31.96	'33.80	'33.75	'34.34	'43.13	50.45	.....	.....	.....	
Stocks, end of period .....	mil. tax gal.	604.43	.....	605.87	606.81	609.20	605.58	604.56	566.89	587.02	590.45	580.93	569.00	.....	.....	.....	.....	
Imports .....	mil. proof gal.	106.03	113.77	4.90	7.24	6.56	7.09	15.46	6.48	8.51	7.35	15.03	10.97	11.77	7.20	9.46	.....	
Whisky:																		
Production .....	mil. tax gal.	91.25	.....	7.52	9.39	8.73	7.47	6.20	3.51	3.72	4.76	4.02	5.26	.....	.....	.....	.....	
Stocks, end of period .....	do.	533.39	.....	534.57	535.38	537.72	533.41	535.11	500.07	524.63	523.00	511.58	497.23	.....	.....	.....	.....	
Imports .....	mil. proof gal.	76.60	81.28	3.02	4.95	4.43	4.83	12.20	4.12	6.11	4.77	11.26	7.33	8.66	4.84	6.84	.....	
Wines and distilling materials:																		
Effervescent wines:																		
Production .....	mil. wine gal.	31.01	37.02	2.16	2.27	3.23	2.84	3.15	3.26	3.47	4.33	3.79	2.81	2.89	.....	.....	.....	
Taxable withdrawals .....	do.	29.18	32.51	1.01	2.28	1.14	3.67	1.78	1									

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>																		
<b>DAIRY PRODUCTS</b>																		
Butter, creamery:																		
Production (factory) ..... mil. lb.	1,257.0	1,306.3	120.7	126.1	126.5	121.1	109.6	94.7	83.9	84.2	98.3	98.8	108.5	126.0	113.0			
Stocks, cold storage, end of period do...	466.8	499.4	522.0	529.0	555.7	576.1	589.6	588.4	581.8	552.3	523.9	506.7	499.4	510.6	532.5	527.1		
Producer Price Index, Grade A and AA (N.Y.) * 1967=100.	230.9	230.0	229.9	229.9	229.9	229.9	229.9	229.9	230.5	234.1	232.2	232.2	222.1	222.1	222.4	224.0		
Cheese:																		
Production (factory), total ..... mil. lb.	4,539.8	4,773.6	352.6	416.9	408.1	429.2	436.0	400.6	380.7	375.1	392.1	387.8	419.5	387.4	369.1			
American, whole milk do...	2,750.5	2,916.5	216.3	255.7	261.4	278.1	278.9	257.7	232.3	213.3	225.2	221.0	242.5	231.1	221.4			
Stocks, cold storage, end of period do...	963.5	1,204.6	1,088.2	1,117.9	1,132.3	1,138.1	1,162.4	1,194.2	1,234.2	1,234.8	1,214.8	1,204.6	1,202.2	1,219.8	1,220.8			
American, whole milk do...	880.8	1,099.7	985.1	1,018.0	1,031.8	1,032.9	1,048.9	1,083.0	1,124.0	1,140.9	1,131.1	1,110.6	1,099.7	1,096.8	1,116.4	1,119.7		
Imports do...	269.3	286.2	17.5	22.6	22.1	22.8	16.6	20.1	21.1	24.3	25.8	27.5	41.4	22.1	16.7			
Price, wholesale, cheddar, single daisies (Chicago). \$ per lb.	1.684	1.682	1.666	1.666	1.666	1.675	1.684	1.684	1.684	1.691	1.699	1.699	1.684	1.689	1.689	1.689		
Condensed and evaporated milk:																		
Production, case goods ..... mil. lb.	734.9	660.7	51.7	57.4	59.7	61.6	62.0	54.4	51.2	48.9	50.4	55.1	53.8	48.8	44.6			
Stocks, manufacturers', case goods, end of period do...	51.9	46.7	51.4	48.4	60.7	74.6	75.7	94.0	101.5	94.1	82.0	56.0	46.7	47.1	50.0			
Exports do...	19.3	5.6	0.2	0.4	0.4	0.5	0.3	0.4	0.5	0.5	0.7	0.9	0.7	0.8	0.5			
Fluid milk:																		
Production on farms do...	135,802	139,968	10,725	12,049	11,966	12,642	12,273	12,061	11,692	11,262	11,430	11,000	11,395	11,490	10,905	11,741		
Utilization in mfd. dairy products do...	79,098	82,501	6,400	7,409	7,293	7,672	7,788	7,160	6,762	6,374	6,321	6,127	6,435	6,583	6,391			
Price, wholesale, U.S. average \$ per 100 lb.	13.60	13.57	13.80	13.60	13.50	13.30	13.20	13.30	13.50	13.80	13.80	13.60	13.40					
Dry milk:																		
Production:																		
Dry whole milk ..... mil. lb.	102.2	109.1	7.6	10.5	9.1	9.0	8.8	7.9	9.0	9.1	9.8	10.4	9.4	10.4	9.2			
Nonfat dry milk (human food) do...	1,400.6	1,512.6	115.7	135.0	137.2	156.8	157.8	145.7	127.5	104.6	104.8	99.3	110.6	111.9	105.0			
Stocks, manufacturers', end of period:																		
Dry whole milk do...	6.0	6.4	3.8	5.0	5.0	5.4	5.8	5.9	4.9	4.4	4.4	4.6	6.4	5.7	5.4			
Nonfat dry milk (human food) do...	93.3	74.6	92.5	81.4	89.5	99.0	91.7	99.2	85.8	69.7	67.9	63.1	74.6	66.0	62.8			
Exports, whole and nonfat (human food) do...	187.8	321.6	2.9	27.9	23.6	22.9	33.0	19.0	22.9	47.3	36.4	35.6	30.6	29.1	13.1			
Price, manufacturers' average selling, nonfat dry milk (human food) \$ per lb.	0.936	0.938	0.942	0.942	0.943	0.941	0.940	0.939	0.940	0.936	0.937	0.937	0.919	0.912	0.910			
<b>GRAIN AND GRAIN PRODUCTS</b>																		
Exports (barley, corn, oats, rye, wheat) ..... mil. bu.	3,524.8	3,440.1	318.2	310.9	279.8	254.5	275.1	248.9	220.3	285.6	286.6	310.5	320.4	300.9	277.6			
Barley:																		
Production (crop estimate) do...	*522.4	*519.0																
Stocks (domestic), end of period, total do...	418.1	*375.7		296.7		*422.8						516.0		*375.7		273.5		
On farms do...	293.9	*253.1		198.5		*142.9						344.4		*253.1		173.8		
Off farms do...	124.2	*122.6		98.2		*79.9						171.6		*122.6		99.7		
Exports, including malt \$ do...	66.4	71.6	1.5	3.7	0.2	2.4	2.0	1.3	6.0	14.2	8.1	9.1	15.6	7.8	6.0			
Producer Price Index, No. 2 feed, Minneapolis * 1967=100.	162.6	180.9	147.8	145.2	170.7	162.2	169.9	165.6	195.4	223.0	225.1	229.3	199.6	216.6	216.6	223.4		
Corn:																		
Production (crop estimate, grain only) ..... mil. bu.	*8,359.4	*4,203.8																
Stocks (domestic), end of period, total do...	8,284.2	*4,934.3		6,247.3		*4,962.3						*3,140.3		*4,934.3		3,257.8		
On farms do...	6,016.9	3,102.0		4,292.4		*3,133.3						*1,531.7		*3,102.0		1,944.2		
Off farms do...	2,267.3	*1,832.4		1,954.9		*1,829.1						*1,608.6		*1,832.4		1,313.5		
Exports, including meal and flour do...	1,924.9	1,876.5	161.5	169.6	157.6	149.1	151.2	123.7	119.4	142.9	155.0	196.4	175.2	172.6	158.4	246.7	268.1	
Producer Price Index, No. 2, Chicago * 1967=100.	193.5	248.4	216.2	224.0	245.9	248.8	253.9	252.8	274.7	273.1	268.4	277.6	255.9	255.9				
Oats:																		
Production (crop estimate) ..... mil. bu.	*620.5	*277.3																
Stocks (domestic), end of period, total do...	475.6	*378.4		333.8		*230.2						505.3		*378.4		269.4		
On farms do...	399.8	322.5		273.9		*191.5						426.2		322.5		226.9		
Off farms do...	75.8	56.0		*59.9		*38.6						79.1		56.0		42.5		
Exports, including oatmeal do...	5.8	2.7	0.2	0.1	0.3	0.3	0.2	0.4	0.3	0.1	0.5	0.1	0.2	0.1	0.1			
Producer Price Index, No. 2, Minneapolis * 1967=100.	272.0	252.6	235.2	230.2	246.6	245.2	238.8	226.7	244.4	278.6	286.4	284.2	276.4	282.1	250.1	267.9		
Rice:																		
Production (crop estimate) ..... mil. bags #	*153.6	*99.7																
California mills:																		
Receipts, domestic, rough ..... mil. lb.	2,912	2,730	189	145	240	105	216	213	393	*300	451	183	154	296	87	243		
Shipments from mills, milled rice ..... mil. lb.	1,619	1,884	162	152	166	186	172	122	309	263	99	83	66	181	86	151		
Stocks, rough and cleaned (cleaned basis), end of period ..... mil. lb.	503	478	428	385	381	268	351	246	269	*211	405	442	478	482	413	461		
Southern States mills (Ark., La., Tenn., Tex.):																		
Receipts, rough, from producers ..... mil. lb.	11,482	9,143	712	526	357	325	216	135	951	2,332	1,340	732	930	829	488			
Shipments from mills, milled rice ..... mil. lb.	7,020	6,289	569	668	495	529	672	458	450	535	489	516	504	498	548			
Stocks, domestic, rough and cleaned (cleaned basis), end of period ..... mil. lb.	3,170	2,703	3,064	2,684	2,451	1,757	1,276	952	1,146	2,162	2,569	2,573	2,703	2,776	2,592			
Exports ..... do...	5,516	5,151	316	490	446	438	550	360	488	624	460	378	359	299	220			
Producer price, No. 2, medium grain (South-west Louisiana) \$ per lb.	0.166	0.172	0.165	0.165	0.165	0.170	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	
Rye:																		
Production (crop estimate) ..... mil. bu.	*21.0	*28.2																
Stocks (domestic), end of period ..... do...	10.9	*6.3																
Producer Price Index, No. 2, Minneapolis * 1967=100.	293.2	210.7	208.8	197.6	210.5	210.5	193.3	195.5	210.5	233.7	214.8	223.4	214.8	213.1	210.5	214.8		
Wheat:																		
Production (crop estimate), total ..... mil. bu.	*2,812	*2,425																
Spring wheat ..... do...	*700	*432																
Winter wheat ..... do...	*2,112	*1,994																
Distribution, quarterly @ ..... do...	*2,476	2,626																
Stocks (domestic), end of period, total ..... do...	2,520.7	*2,326.4																
On farms ..... do...	1,166.2	*1,015.9																
Off farms ..... do...	1,354.5	*1,310.5																
Exports, total, including flour ..... do...	1,527.5	1,488.3	155.0	137.4	121.7	102.7	121.8	123.5	94.7	127.6	122.9	104.9	129.3	120.2	113.1			
Wheat only ..... do...	1,493.6	1,407.6	146.3	131.1	118.8	95.3	112.0	115.8	87.5	119.2	114.8	102.3	128.4	118.3	111.0			

See footnotes at end of tables

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>																	
<b>GRAIN AND GRAIN PRODUCTS—Continued</b>																	
Wheat—Continued																	
Producer Price Indexes:																	
Hard, winter Ord, No.1, Kans. City	1967=100..	240.8	237.2	245.5	249.0	253.6	245.1	238.0	221.4	227.9	238.5	231.5	228.8	229.2	229.8	219.2	229.1
Spring, No. 1, D.N. Ord, Minneapolis	1967=100..	221.5	228.3	212.8	221.9	237.4	239.2	228.7	224.8	220.7	236.4	238.4	235.8	232.7	230.2	222.3	231.9
Wheat flour:																	
Production:																	
Flour.....thous. sacks (100 lb.)	284,965	306,066	23,393	26,787	24,118	25,759	25,088	24,700	28,861	27,423	26,125	24,923	24,464	24,861	.....	.....	.....
Millfeed.....thous. sh. tons.	5,137	5,563	425	488	438	460	449	445	536	502	474	456	443	444	.....	.....	.....
Grindings of wheat.....thous. bu.	640,158	686,983	52,713	59,111	53,866	58,064	56,734	55,238	65,014	61,869	58,366	56,246	54,997	55,854	.....	.....	.....
Stocks held by mills, end of period																	
thous. sacks (100 lb.)	4,276	3,805	3,760	3,490	3,193	4,172	3,293	3,095	3,599	3,805	3,395	3,469	1,122	395	830	883	.....
Exports.....do.	14,518	34,628	3,734	2,692	4,256	3,193	100.0	99.9	99.6	100.0	98.4	96.6	96.5	96.3	95.9	97.1	.....
Producer Price Index *	6/83=100..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>POULTRY AND EGGS</b>																	
Poultry:																	
Slaughter.....mil. lb.	15,146	'15,547	'1,117	'1,349	'1,275	'1,329	1,409	1,247	1,435	1,357	'1,368	1,266	1,172	'1,208	1,154	.....	.....
Stocks, cold storage (frozen), end of period, total																	
mil. lb.	345	281	313	326	'333	'345	'406	480	532	578	601	376	281	'277	251	260	.....
Turkeys.....do.	204	162	188	185	192	210	256	323	384	432	460	252	162	'161	146	149	.....
Price, in Georgia producing area, live broilers																	
\$ per lb.	0.250	0.273	0.265	0.245	0.240	0.255	0.270	0.295	0.310	0.335	0.275	0.315	0.335	0.360	0.365	0.365	0.365
Eggs:																	
Production on farms.....mil. cases \$.	193.6	189.2	14.9	16.5	15.6	15.9	15.4	15.7	15.7	15.3	15.8	15.5	16.0	15.8	14.8	16.1	.....
Stocks, cold storage, end of period:																	
Shell.....thous. cases \$.	34	13	25	18	23	32	44	24	25	25	45	18	13	'28	17	38	.....
Frozen.....mil. lb.	25	'12	'26	'23	'21	'21	'20	19	16	14	13	'12	11	11	12	12	.....
Price, wholesale, large (delivered; Chicago)																	
\$ per doz.	0.668	0.727	0.627	0.662	0.649	0.684	0.680	0.662	0.744	0.762	0.779	0.884	0.986	1.123	1.026	0.883	.....
<b>LIVESTOCK</b>																	
Cattle and calves:																	
Slaughter (federally inspected):																	
Calves.....thous. animals..	2,729	2,798	204	246	202	194	211	214	262	258	259	266	262	253	236	264	.....
Cattle.....do.	33,907	'34,816	2,554	2,828	2,615	2,820	'3,000	'2,737	3,220	'3,156	'3,099	'2,899	'2,994	2,951	2,836	2,954	.....
Prices, wholesale:																	
Beef steers (Omaha).....\$ per 100 lb..	64.22	62.52	61.20	64.03	67.70	67.51	65.90	62.22	61.27	59.19	59.58	59.41	62.85	67.08	67.07	68.60	.....
Steers, stocker and feeder (Kansas City).....do.	62.79	61.39	66.34	66.71	65.90	63.88	60.41	58.21	59.58	55.81	56.97	58.12	61.00	64.39	65.97	66.30	.....
Calves, vealers (So. St. Paul).....do.	77.70	72.97	75.00	75.50	77.12	76.00	71.00	75.00	75.00	73.38	66.75	67.50	64.94	77.50	77.50	77.50	77.50
Hogs:																	
Slaughter (federally inspected).....thous. animals..	79,328	'84,762	5,762	'7,350	'7,086	'6,905	'7,028	'6,362	7,082	7,268	7,829	8,152	7,515	6,947	6,591	7,578	.....
Prices:																	
Wholesale, average, all weights (Sioux City)																	
\$ per 100 lb..	55.21	47.73	57.78	51.37	47.84	47.40	45.73	45.81	49.77	46.05	41.64	38.81	46.53	50.14	46.68	47.36	.....
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	22.4	16.6	21.9	18.6	16.0	15.1	14.4	13.9	13.9	13.3	12.8	11.8	14.0	15.3	'14.6	13.8	.....
Sheep and lambs:																	
Slaughter (federally inspected).....thous. animals..	6,273	6,412	457	'616	'509	508	508	497	585	595	580	510	536	540	548	586	.....
Price, wholesale, lambs, average (Omaha)‡																	
\$ per 100 lb..	53.03	54.74	58.50	59.75	58.75	59.00	53.00	51.12	49.25	48.50	51.75	56.00	57.75	60.50	58.75	58.75	58.75
<b>MEATS</b>																	
Total meats (excluding lard):																	
Production.....mil. lb.	37,266	'38,974	'2,787	'3,269	'3,051	'3,163	'3,299	'3,002	'3,440	'3,435	'3,523	'3,472	'3,383	3,218	3,092	3,349	.....
Stocks, cold storage, end of period																	
do.	554	679	'576	'586	'608	'619	'595	570	'543	'535	577	668	679	'693	708	737	.....
Exports (meat and meat preparations).....do.	1,566	1,449	104	136	133	115	118	121	99	130	127	134	119	112	104	104	.....
Imports (meat and meat preparations).....do.	2,015	2,031	177	170	178	187	176	189	181	171	169	123	104	180	167	167	.....
Beef and veal:																	
Production, total.....do.	22,789	23,487	1,739	1,929	1,759	1,891	2,004	1,840	2,157	2,128	2,103	1,974	2,002	1,952	1,894	1,977	.....
Stocks, cold storage, end of period																	
do.	302	334	315	306	285	272	261	259	275	277	287	325	334	349	343	337	.....
Exports.....do.	540	571	42	55	46	40	44	46	42	58	53	59	50	47	47	47	.....
Imports.....do.	1,446	1,382	127	112	123	131	122	134	128	117	112	71	54	118	108	108	.....
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb..	1.013	0.978	0.966	1.006	1.078	1.050	1.024	0.977	0.950	0.921	0.912	0.916	0.998	1.057	1.029	1.051	.....
Lamb and mutton:																	
Production, total.....mil. lb.	356	368	27	36	30	30	29	28	33	33	32	29	30	31	32	35	.....
Stocks, cold storage, end of period																	
do.	9	11	8	8	9	9	9	8	9	9	9	10	11	'8	8	8	8
Pork (excluding lard):																	
Production, total.....do.	14,121	'15,120	1,021	1,303	'1,262	'1,243	'1,266	'1,134	'1,250	'1,273	'1,388	1,468	'1,350	1,234	1,165	1,338	.....
Stocks, cold storage, end of period																	
do.	219	301	216	235	273	293	280	253	214	240	295	301	'295	312	348	.....	.....
Exports.....do.	282	251	18	21	32	22	22	19	16	23	23	23	18	16	16	16	.....
Imports.....do.	498	555	42	49	48	47	46	46	45	45	50	44	43	53	52	52	.....
Prices:																	
Producer Price Index, Hams, smoked																	
1967=100..	306.3	291.9	324.1	315.2</td													

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		

### FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.

MISCELLANEOUS FOOD PRODUCTS—Cont.																	
Sugar:																	
Exports, raw and refined ..... sh. tons..	58,512	207,871	934	1,308	1,236	984	11,555	10,506	45,455	55,973	29,866	16,605	31,825	28,400	33,940	.....	
Imports, raw and refined ..... thous. sh. tons..	2,616	2,915	219	140	238	333	139	242	193	339	322	333	253	269	358	.....	
Producer Price Indexes: *																	
Raw (cane)..... 1967=100..	278.4	315.9	313.7	312.4	319.8	323.1	323.0	314.9	321.4	321.4	314.9	*314.1	311.6	309.4	315.7	314.8	
Refined ..... 12/77=100..	161.0	172.0	169.3	168.5	171.9	171.8	172.8	173.8	173.0	175.1	175.1	*173.9	173.8	173.8	173.4	174.2	
Tea, imports ..... thous. lb..	182,613	170,451	15,092	14,170	15,799	16,018	10,931	12,159	11,747	15,025	16,531	13,600	15,631	15,599	15,956	.....	
TOBACCO																	
Leaf:																	
Production (crop estimate) ..... mil. lb..	*1,982	*1,411															
Stocks, dealers' and manufacturers', end of period ..... do....	5,371	5,358		5,290			4,990			5,209			5,358				
Exports, incl. scrap and stems ..... thous. lb..	562,260	509,828	38,339	45,958	43,953	33,631	32,728	28,635	36,045	26,430	51,706	87,912	60,302	41,984	40,165	.....	
Imports, incl. scrap and stems ..... do....	295,740	316,917	19,565	23,013	29,965	24,428	22,307	28,582	27,161	21,462	35,975	37,916	22,646	29,786	43,619	.....	
Manufactured:																	
Consumption (withdrawals):																	
Cigarettes (small):																	
Tax-exempt ..... millions..	82,078	69,680	6,091	5,590	4,260	5,828	7,411	4,678	5,980	6,294	5,743	5,603	5,374				
Taxable ..... do....	614,017	597,463	42,701	54,360	47,466	47,854	60,448	42,985	54,516	52,532	49,628	53,075	43,212				
Cigars (large), taxable ..... do....	3,056	3,030	197	255	216	261	299	211	309	286	272	271	224				
Exports, cigarettes ..... do....	73,585	60,698	5,811	4,249	4,319	4,687	6,119	4,671	4,608	5,318	4,941	5,190	5,171	3,775	4,366		

### LEATHER AND PRODUCTS

LEATHER																	
Exports:																	
Upper and lining leather ..... thous. sq. ft..	159,804	155,808	12,453	15,078	15,200	13,492	14,868	12,013	13,099	12,715	14,027	12,400	9,412	13,624	13,015	.....	
Price, producer:																	
Sole, bends, light ..... index, 1967=100..																	
LEATHER MANUFACTURES																	
Footwear:																	
Production, total ..... thous. pairs..	*342,380	340,966	31,757	31,470	27,001	29,970	28,472	22,528	30,372	29,835	*29,051	27,736	24,943	26,873			
Shoes, sandals, and play shoes, except athletic ..... thous. pairs..	*260,840	263,508	24,423	23,859	20,702	23,125	22,139	18,803	23,465	23,375	*22,039	20,617	19,800	20,801			
Slippers ..... do....	*64,892	61,062	5,138	5,723	4,616	5,176	5,020	3,021	5,811	5,585	*5,936	6,014	3,889	4,886			
Athletic ..... do....	*16,648	16,396	2,196	1,888	1,683	1,669	1,313	704	1,096	875	*1,076	1,105	1,254	1,186			
Other footwear ..... do....	*3,703	4,970	447	534	561	540	446	346	308	397	*408	326	224	231			
Exports ..... do....	7,717	6,158	436	637	553	486	546	520	591	506	539	454	394	361	344		
Prices, producer:																	
Men's leather upper, dress and casual ..... index, 12/80=100..	105.2	*107.0	106.9	106.6	107.0	104.6	107.6	107.3	107.8	108.1	108.0	*107.4		107.9	108.4	108.4	
Women's leather upper ..... index, 1967=100..	215.8	222.6	219.5	220.4	224.3	224.6	222.6	221.8	222.2	224.8	224.6	*224.3	224.2	224.8	221.3	223.1	
Women's plastic upper ..... index, 12/80=100..	97.9	100.9	98.8	98.5	99.9	99.8	101.1	102.0	102.9	102.9	102.9	102.9	104.2	102.5	103.1		

### LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																	
National Forest Products Association:																	
Production, total ..... mil. bd. ft..	*25,795	*31,479	2,481	2,682	2,623	2,645	2,718	2,585	2,714	2,748	2,787	2,504	2,345	2,740			
Hardwoods ..... do....	*4,774	*5,721	412	394	374	396	444	458	504	497	502	493	416	454			
Softwoods ..... do....	21,021	25,758	2,069	2,288	2,249	2,249	2,274	2,127	2,210	2,251	2,285	2,011	1,929	2,286			
Shipments, total ..... do....	*25,960	*31,358	2,290	2,632	2,683	2,775	2,764	2,537	2,669	2,737	2,795	2,404	2,445	2,589			
Hardwoods ..... do....	*4,935	*5,896	437	435	452	431	452	465	498	483	489	480	404	452			
Softwoods ..... do....	21,025	25,462	1,853	2,197	2,231	2,344	2,312	2,072	2,171	2,254	2,306	1,924	2,041	2,137			
Stocks (gross), mill, end of period, total ..... do....	5,745	5,866	5,950	5,997	5,924	5,824	5,772	5,817	5,858	5,870	5,862	5,964	5,866	6,021			
Hardwoods ..... do....	1,766	1,591	1,699	1,655	1,564	1,556	1,542	1,532	1,534	1,549	1,562	1,577	1,591	1,597			
Softwoods ..... do....	3,979	4,275	4,251	4,342	4,360	4,268	4,230	4,285	4,324	4,321	4,300	4,387	4,275	4,424			
Exports, total sawmill products ..... do....	9,421	12,293	933	1,055	885	1,153	1,099	1,048	1,090	1,057	1,118	1,092	885	941	1,135		
Imports, total sawmill products ..... do....																	
SOFTWOODS																	
Douglas fir:																	
Orders, new ..... mil. bd. ft..	5,976	7,571	505	656	635	714	675	584	543	717	642	529	688	740	631	.....	
Orders, unfilled, end of period ..... do....	612	673	666	698	684	692	648	636	567	639	625	599	673	753	762		
Production ..... do....	5,743	7,646	612	697	682	693	644	613	583	671	676	581	552	708	666		
Shipments ..... do....	5,793	7,510	546	624	649	706	719	596	612	645	656	555	614	660	622		
Stocks (gross), mill, end of period ..... do....	862	998	982	1,055	1,088	1,075	1,000	1,017	988	1,014	1,034	1,060	998	1,046	1,090		
Exports, total sawmill products ..... do....	471	569	45	51	60	63	50	34	54	35	48	46	43	38	44		
Sawed timber ..... do....	125	129	7	16	17	16	10	9	14	7	11	5	8	10	9		
Boards, planks, scantlings, etc ..... do....	345	439	38	35	43	48	39	25	41	28	37	40	34	28	35		
Producer Price Index, Douglas fir, dressed † ..... 1967=100..	266.2	363.8	370.3	376.2	375.5	390.2	404.7	407.0	381.4	345.3	332.0	*318.7	336.4	322.8	351.7	369.7	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>LUMBER AND PRODUCTS—Continued</b>																	
<b>SOFTWOODS—Continued</b>																	
Southern pine:																	
Orders, new..... mil. bd. ft.	'6,014	'6,821	486	615	571	642	534	546	571	599	628	502	537	513			
Orders, unfilled, end of period .....	438	556	486	528	529	556	511	502	487	503	506	489	556	522			
Production ..... do.....	'6,186	'6,637	515	561	550	584	594	570	598	551	586	536	471	577			
Shipments ..... do.....	'5,996	'6,703	476	573	570	615	579	555	586	583	625	519	470	547			
Stocks (gross), mill and concentration yards, end of period..... mil. bd. ft.	1,474	1,408	1,483	1,471	1,451	1,419	1,434	1,449	1,461	1,429	1,390	1,407	1,408	1,438			
Exports, total sawmill products ..... thous. bd. ft.	245,221	217,660	18,314	18,375	21,244	21,552	16,511	15,832	12,346	20,057	16,349	20,326	17,001	9,648	17,975		
Producer Price Index, southern pine, dressed † 1967=100..	285.9	319.9	314.8	319.3	321.3	325.5	334.9	330.0	323.4	308.3	313.5	'316.2	325.5	333.7	337.4	334.3	
Western pine:																	
Orders, new..... mil. bd. ft.	6,880	8,433	568	718	709	781	728	654	717	814	768	616	699	738	641		
Orders, unfilled, end of period .....	324	410	389	422	426	439	432	413	409	444	446	432	410	466	470		
Production ..... do.....	6,681	8,548	636	710	713	722	767	705	784	789	764	666	691	724	655		
Shipments ..... do.....	6,775	8,347	569	685	705	768	735	673	721	779	766	630	721	682	637		
Stocks (gross), mill, end of period..... do.....	1,055	1,256	1,128	1,153	1,161	1,115	1,147	1,179	1,242	1,252	1,250	1,286	1,256	1,298	1,316		
Producer Price Index, other softwood, dressed † 1967=100..	356.0	403.4	395.1	398.1	403.2	410.6	438.7	437.3	429.3	388.5	382.4	'382.6	388.7	393.9	417.2	425.2	
<b>HARDWOOD FLOORING</b>																	
Oak:																	
Orders, unfilled, end of period .....	4.8	8.6	6.4	6.5	6.4	6.5	7.5	6.7	6.8	6.0	7.3	6.7	8.6	9.1	10.4	10.4	
Shipments .....	75.0	98.9	6.5	8.7	8.5	8.4	9.0	7.1	8.9	8.8	9.0	8.1	7.3	8.6	9.4	9.5	
Stocks (gross), mill, end of period..... do.....	12.0	5.5	8.7	8.4	7.3	6.4	5.4	5.3	4.9	4.8	5.5	4.7	3.9	3.7	3.7		

### METALS AND MANUFACTURES

<b>IRON AND STEEL</b>																	
Exports:																	
Steel mill products..... thous. sh. tons.	1,842	1,199	92	89	106	101	100	108	100	99	110	114	84	86	73		
Scrap..... do.....	6,804	7,520	372	563	564	688	805	562	624	720	575	671	751	'620	663	2	
Pig iron .....	54	6	(2)	1	1	(2)	2	1	(2)	1	1	(2)	(2)	(2)	(2)		
Imports:																	
Steel mill products..... do.....	'16,663	17,070	1,158	1,113	1,182	1,353	1,297	1,411	1,617	1,512	1,755	1,835	1,730	2,082	2,161		
Scrap..... do.....	474	641	29	78	58	63	71	58	42	44	49	62	52	53	60		
Pig iron .....	322	233	7	1	1	25	39	3	5	18	40	14	74	49	55		
<b>Iron and Steel Scrap</b>																	
Production..... thous. sh. tons.	27,127	27,149	1,877	2,395	2,247	2,376	2,286	2,181	2,368	2,409	2,467	2,428	'2,275	2,443			
Receipts, net .....	'27,520	32,557	2,488	2,913	2,723	2,817	2,859	2,529	2,620	2,700	2,988	3,008	'2,790	3,184			
Consumption .....	'56,386	59,941	4,396	5,157	5,029	5,233	5,098	4,762	5,009	5,111	5,545	5,375	'5,062	5,717			
Stocks, end of period..... do.....	6,418	'5,838	6,069	6,117	5,969	5,905	5,920	6,000	6,042	6,062	5,837	5,944	'5,831	5,686			
Prices, steel scrap, No. 1 heavy melting:																	
Composite .....	61.51	67.24	61.13	70.50	68.64	60.00	66.21	67.03	70.21	73.13	72.69	63.64	78.56	84.68	89.89		
Pittsburgh district .....	66.71	76.92	68.00	79.00	77.00	67.50	72.50	74.50	79.50	83.50	82.50	85.00	91.50	98.00	103.00		
<b>Ore</b>																	
Iron ore (operations in all U.S. districts):																	
Mine production..... thous. lg. tons.	'35,433	37,967	1,970	2,314	3,165	3,991	4,260	4,034	4,034	3,189	3,207	2,729	2,611	3,145			
Shipments from mines .....	'35,756	44,748	622	477	2,876	5,323	5,592	5,986	5,542	4,002	4,749	5,131	4,053	1,142			
Imports .....	'14,501	13,090	320	206	567	1,245	1,411	1,556	1,448	1,035	1,934	1,374	1,531	600	811		
U.S. and foreign ores and ore agglomerates:																	
Receipts at iron and steel plants .....	49,872	57,197	646	1,268	3,852	6,729	6,992	7,346	6,209	5,462	6,265	6,244	5,509	1,154	1,551		
Consumption at iron and steel plants .....	55,233	61,220	3,978	5,201	5,406	5,560	5,267	5,449	5,272	5,171	5,667	5,242	5,125	5,517	5,670		
Exports (domestic) .....	3,178	3,471	2	(2)	304	616	345	313	516	474	218	1	682	155	113		
Stocks, total, end of period..... do.....	52,621	32,567	42,624	39,615	37,498	37,192	37,385	36,951	35,312	35,716	34,729	33,831	32,567	30,118			
At mines .....	12,129	3,899	14,345	16,184	16,495	18,163	18,832	11,647	10,093	9,308	7,769	5,369	3,899	5,444			
At furnace yards .....	29,923	25,494	22,904	18,909	17,292	18,534	20,508	22,332	22,187	23,415	23,922	25,061	25,494	21,047	16,859		
At U.S. docks .....	5,750	3,174	5,375	4,522	3,711	3,495	3,045	2,972	3,032	2,993	3,038	3,401	3,174	3,127	2,511		
Manganese (mn. content), general imports .....	477	482	29	37	20	38	45	50	28	46	56	39	35	39	63		
<b>Pig Iron and Iron Products</b>																	
Pig iron:																	
Production (including production of ferroalloys)..... thous. sh. tons.	'43,136	48,741	3,264	4,206	4,333	4,376	4,090	4,213	4,245	4,159	4,317	4,119	4,084	4,310	4,497		
Consumption .....	'44,409	'49,213	3,175	4,260	4,336	4,480	4,214	4,311	4,273	4,256	4,336	4,128	'4,033	4,349			
Stocks, end of period .....	580	459	641	627	625	637	589	599	583	558	504	488	'459	451			
Producer Price Index, basic .....	6/82=100..	100.1	100.5	100.5	99.4	100.5	99.7	99.7	100.3	100.3	98.1	99.9	99.9	100.5	100.5		
Castings, gray and ductile iron:																	
Orders, unfilled, for sale, end of period																	
thous. sh. tons.	'536	637	586	551	545	548	572	609	630	626							
Shipments, total .....	8,215	9,309	662	813	759	818	810	707	864	841							
For sale .....	4,641	5,448	377	452	446	484	477	417	533	501							
Castings, malleable iron:																	
Orders, unfilled, for sale, end of period																	
thous. sh. tons.	14	18	16	19	23	15	16	19	23	27							
Shipments, total .....	284	293	23	27	24	25	24	19	23	26				</td			

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	METALS AND MANUFACTURES—Continued																
<b>Steel, Raw and Semifinished</b>																	
Steel (raw):																	
Production ..... thous. sh. tons..	174,577	83,379	8,142	7,127	7,292	7,412	6,993	6,921	7,020	7,134	7,692	7,263	6,991	7,970	8,142	.....	
Rate of capability utilization ..... percent..	48.4	55.4	76.0	55.5	58.9	57.9	56.5	54.3	55.1	57.8	60.2	58.7	54.7	69.2	76.0	.....	
Steel castings:																	
Orders, unfilled, for sale, end of period																	
thous. sh. tons..	161	142	157	165	152	157	159	156	145	143	144	142	142	142	142	.....	
Shipments, total ..... do..	1,017	727	53	62	57	63	62	52	60	62	67	67	67	67	67	.....	
For sale, total ..... do..	916	667	47	56	50	57	57	48	56	58	65	64	61	61	61	.....	
<b>Steel Mill Products</b>																	
Steel products, net shipments:																	
Total (all grades) ..... thous. sh. tons..	59,783	167,454	4,588	5,969	5,399	5,612	5,986	5,045	5,789	5,893	6,078	6,014	6,269	5,980	6,150	.....	
By product:																	
Semifinished products ..... do..	3,408	3,899	278	297	298	327	360	296	307	378	365	358	374	349	402	.....	
Structural shapes (heavy), steel piling ..... do..	3,424	3,448	239	206	240	271	307	256	268	326	306	338	320	343	335	.....	
Plates ..... do..	4,136	3,832	251	341	305	304	326	280	320	338	362	366	381	352	378	.....	
Rails and accessories ..... do..	782	883	55	81	78	70	70	67	82	86	74	83	87	108	120	.....	
Bars and tool steel, total ..... do..	9,440	11,666	756	1,078	892	980	996	828	1,047	1,016	1,146	1,018	1,009	1,010	1,029	.....	
Bars: Hot rolled (incl. light shapes) ..... do..	4,857	6,285	366	588	446	526	522	402	563	571	623	569	578	585	620	.....	
Bars: Reinforcing ..... do..	3,526	4,138	232	422	350	355	371	340	381	337	405	331	320	299	276	.....	
Bars: Cold finished ..... do..	1,013	1,197	75	94	92	96	100	83	99	104	114	113	106	121	125	.....	
Pipe and tubing ..... do..	5,026	3,242	224	283	252	262	273	240	273	290	305	309	303	303	321	.....	
Wire and wire products ..... do..	1,332	1,384	99	131	124	122	130	111	115	119	119	109	99	116	115	.....	
Tin mill products ..... do..	4,321	4,308	321	406	369	372	379	328	371	351	325	313	402	322	307	.....	
Sheets and strip (incl. electrical), total ..... do..	27,914	34,792	2,366	3,045	2,841	2,905	3,144	2,640	3,005	2,989	3,075	3,120	3,294	3,077	3,147	.....	
Sheets: Hot rolled ..... do..	9,052	11,619	797	1,000	958	982	1,086	881	1,001	984	1,051	1,061	1,049	1,076	1,127	.....	
Sheets: Cold rolled ..... do..	11,132	13,781	940	1,239	1,126	1,145	1,222	1,003	1,181	1,166	1,192	1,239	1,366	1,155	1,217	.....	
By market (quarterly):																	
Service centers and distributors ..... do..	12,972	15,681	.....	3,539	.....	.....	3,915	.....	.....	3,878	.....	.....	4,384	1,492	2,153	.....	
Construction, incl. maintenance ..... do..	6,260	6,278	.....	1,370	.....	.....	1,644	.....	.....	1,613	.....	.....	1,643	2,482	2,495	.....	
Contractors' products ..... do..	2,290	2,581	.....	634	.....	.....	659	.....	.....	628	.....	.....	660	2,213	2,199	.....	
Automotive ..... do..	9,295	12,076	.....	2,453	.....	.....	3,024	.....	.....	3,004	.....	.....	3,598	962	1,040	.....	
Rail transportation ..... do..	1,030	946	.....	203	.....	.....	245	.....	.....	240	.....	.....	258	93	106	.....	
Machinery, industrial equip., tools ..... do..	2,582	2,329	.....	538	.....	.....	594	.....	.....	558	.....	.....	638	221	239	.....	
Containers, packaging, ship. materials ..... do..	4,471	4,561	.....	1,133	.....	.....	1,183	.....	.....	1,136	.....	.....	1,105	349	333	.....	
Other ..... do..	120,883	123,002	.....	5,270	.....	.....	5,732	.....	.....	5,671	.....	.....	6,092	2,168	2,204	.....	
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																	
mil. sh. tons..	22.4	23.4	21.9	21.9	22.3	23.3	23.2	23.8	24.2	24.0	24.5	24.2	23.4	23.9	.....	.....	
Producing mills, inventory, end of period:																	
Steel in process ..... mil. sh. tons..	8.1	7.1	7.9	7.8	7.8	8.0	7.8	8.0	8.0	7.9	8.2	7.6	7.1	7.1	.....	.....	
Finished steel ..... do..	5.3	5.7	5.3	5.2	5.4	5.6	5.5	5.7	5.8	5.8	6.0	6.2	5.7	5.8	.....	.....	
Service centers (warehouses), inventory, end of period																	
mil. sh. tons..	4.7	5.7	4.7	4.8	4.7	5.1	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.8	.....	.....	
Consumers (manufacturers only):																	
Inventory, end of period ..... do..	4.3	4.9	4.0	4.1	4.4	4.6	4.7	4.8	5.0	4.9	4.8	4.8	4.9	5.2	.....	.....	
Receipts during period ..... do..	53.4	46.6	40	49	47	46	45	38	43	41	38	37	35	41	.....	.....	
Consumption during period ..... do..	54.7	45.9	42	48	44	44	44	37	41	42	39	37	34	38	.....	.....	
<b>NONFERROUS METALS AND PRODUCTS</b>																	
Aluminum:																	
Production, primary (dom. and foreign ores)																	
thous. met. tons..	3,274	3,353	223	248	245	265	261	284	297	299	320	318	340	.....	.....	.....	
Recovery from scrap †																	
do..	1,666	1,690	128	142	140	139	144	131	142	143	151	151	148	.....	.....	.....	
Imports (general):																	
Metal and alloys, crude ..... do..	161.3	714.9	42.6	33.2	66.9	84.6	82.9	72.1	65.7	56.6	58.2	63.6	40.3	64.3	86.1	.....	
Plates, sheets, bars, etc ..... do..	194.4	231.1	19.7	21.9	19.8	22.8	19.6	21.5	20.7	20.2	27.7	22.2	22.3	20.2	37.4	.....	
Exports:																	
Metal and alloys, crude ..... do..	364.0	360.7	12.2	14.0	46.4	8.2	14.9	37.1	33.2	41.5	27.4	50.8	24.1	22.2	18.3	.....	
Plates, sheets, bars, etc ..... do..	189.6	166.6	12.0	18.7	14.4	12.3	12.7	12.2	13.2	14.4	15.0	14.3	14.8	18.3	19.5	.....	
Price, primary ingot, 99.5% minimum ... \$ per lb..	0.7600	0.7770	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7898	0.8100	0.8100	0.8100	0.8100	0.8100	.....	
Aluminum products:																	
Shipments:																	
Ingot and mill prod. (net ship.) ..... mil. lb..	12,128	13,849	956	1,201	1,084	1,235	1,193	1,100	1,263	1,264	1,154	1,174	1,285	.....	.....	.....	
Mill products, total ..... do..	9,108	10,610	753	946	865	1,003	924	878	890	875	881	877	948	.....	.....	.....	
Sheet and plate ..... do..	5,329	.....	434	547	503	622	573	552	522	514	.....	.....	.....	129	.....	.....	
Casting ..... do..	1,306	1,496	112	135	117	133	136	104	123	128	134	140	140	129	.....	.....	
Inventories, total (ingot, mill products, and scrap), end of period ..... mil. lb..	6,200	5,031	6,093	5,892	5,744	5,579	5,439	5,472	5,375	5,258	5,296	5,208	5,031	.....	.....	.....	
Copper:																	
Production:																	
Mine, recoverable copper ..... thous. met. tons..	1,139.6	1,045.7	78.2	89.9	85.3	92.8	90.4	76.9	80.0	87.3	90.3	94.4	89.7	91.4	.....	.....	
Refinery, primary ..... do..	1,227.1	1,182.4	98.8	114.8	107.6	109.1	116.2	80.0	83.7	88.3	93.9	96.0	94.7	95.3	.....	.....	
From domestic ores ..... do..	1,064.8	1,003.7	79.8	99.9	88.8	91.2	100.1	71.6	74.9	74.9	76.6	80.2	81.8	84.1	.....	.....	
From foreign ores ..... do..	162.2	178.8	19.0	14.9	18.7	17.8	16.1	8.4	8.9	13.7	14.2	15.8	12.9	11.2	12.0	.....	
Secondary, recovered as refined ..... do..	570.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Imports (general):																	
Refined, unrefined, scrap (copper cont.) ..... do..	518.7	714.7	42.6	65.5	94.7	73.9	74.4	68.2	76.0	41							

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982

	1982	1983	1983											1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

### METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products ..... mil. lb.																
Brass mill products ..... mil. lb.	2,014	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper wire mill products (copper cont.) ..... do.	2,393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brass and bronze foundry products ..... do.	405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lead:																
Production:																
Mine, recoverable lead ..... thous. met. tons.	512.4	447.6	39.4	37.2	36.6	35.7	28.3	35.1	43.1	37.2	37.0	38.2	34.8	41.6	.....	.....
Recovered from scrap (lead cont.) ..... do.	1,571.3	504.1	37.4	41.0	41.3	42.5	37.3	37.2	39.6	43.4	48.9	48.4	45.7	44.4	.....	.....
Imports (general), ore (lead cont.), metal ..... do.	50.1	58.8	8.1	2.4	6.3	6.5	4.2	3.5	6.0	2.1	6.4	5.2	6.1	12.8	5.1	.....
Consumption, total ..... do.	1,075.4	1,080.7	70.9	80.4	83.1	81.9	90.6	79.8	94.6	104.2	102.3	95.3	107.9	112.7	.....	.....
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS ..... thous. met. tons.	75.0	74.5	73.6	65.3	59.0	59.5	64.5	65.4	68.5	71.5	69.1	66.7	74.5	77.9	82.9	.....
Refiners' (primary), refined and antimonial (lead content) ..... thous. met. tons.	73.5	58.2	85.6	80.4	83.5	93.7	89.4	86.5	75.5	59.3	56.3	51.9	58.2	.....	.....	.....
Consumers' (lead content) ..... do.	97.2	71.7	78.3	79.0	77.5	72.5	86.5	72.9	62.5	66.2	68.9	70.3	71.7	.....	.....	.....
Scrap (lead-base, purchased), all smelters (gross weight) ..... thous. met. tons.	33.5	32.8	25.9	21.6	23.6	20.0	21.3	25.2	27.4	24.8	30.3	32.3	32.8	.....	.....	.....
Price, common grade, delivered ..... \$ per lb.	0.2554	0.2168	0.2112	0.2073	0.2117	0.2022	0.1941	0.1932	0.1946	0.2169	0.2538	0.2515	0.2446	0.2512	.....	.....
Tin:																
Imports (for consumption):																
Ore (tin content) ..... metric tons.	1,931	969	51	34	45	3	51	122	.....	45	71	207	169	70	60	.....
Metal, unwrought, unalloyed ..... do.	27,939	34,048	1,867	2,365	3,578	2,845	2,778	2,056	2,757	3,325	3,671	2,147	3,225	3,556	4,661	.....
Recovery from scrap, total (tin cont.) ..... do.	12,544	11,685	914	971	1,008	954	1,118	986	1,055	1,130	830	892	941	.....	.....	.....
As metal ..... do.	1,067	2,243	114	176	197	171	207	188	242	200	181	224	227	.....	.....	.....
Consumption, total ..... do.	53,450	55,800	4,700	4,900	4,700	4,800	4,300	4,600	4,700	4,800	4,400	4,800	4,600	.....	.....	.....
Primary ..... do.	38,700	40,400	3,400	3,600	3,500	3,500	3,100	3,400	3,400	3,500	3,200	3,100	3,400	.....	.....	.....
Exports, incl. reexports (metal) ..... do.	19,357	3,552	382	298	221	235	311	298	375	226	298	260	280	278	446	.....
Stocks, pig (industrial), end of period ..... do.	3,152	3,020	3,513	3,815	4,026	3,527	3,634	3,931	4,091	3,604	3,074	3,180	3,020	2,970	.....	.....
Price, Straits quality (delivered) ..... \$ per lb.	6,5392	6,5478	6,5070	6,6772	6,8759	6,6710	6,6707	6,5968	6,4838	6,4510	6,4683	6,4902	6,3080	6,2374	.....	.....
Zinc:																
Mine prod., recoverable zinc ..... thous. met. tons.	1,300.3	273.7	22.9	25.5	22.9	22.3	21.0	20.0	23.9	22.9	23.8	21.7	21.6	23.2	.....	.....
Imports (general):																
Ores (zinc content) ..... do.	49.3	62.2	2.1	2.5	2.4	6.6	5.6	14.2	7.1	1.1	2.7	4.1	10.0	1.4	3.5	.....
Metal (slab, blocks) ..... do.	1,456.1	613.3	25.4	42.6	51.2	60.4	54.0	43.0	50.7	60.4	64.0	66.6	59.2	67.2	71.4	.....
Consumption (recoverable zinc content):																
Ores ..... do.	53.1	52.9	3.8	5.2	5.1	4.9	4.4	4.4	3.3	2.0	3.4	6.0	5.7	5.8	.....	.....
Scrap, all types ..... do.	208.1	190.2	16.7	14.4	14.6	14.4	13.5	13.4	16.9	16.7	17.4	18.1	17.4	17.2	.....	.....
Slab zinc: @																
Production, total † ..... thous. met. tons.	1,302.5	261.8	20.7	22.7	22.4	23.5	21.8	16.0	23.2	22.7	24.1	24.7	21.8	23.2	22.1	21.6
Consumption, fabricators ..... do.	1,709.5	775.3	59.9	68.8	66.7	64.1	65.7	55.8	64.5	67.2	65.5	70.1	63.7	69.4	.....	.....
Exports ..... do.	0.3	0.4	(*)	(*)	(*)	0.1	(*)	0.1	(*)	(*)	(*)	(*)	(*)	(*)	0.1	.....
Stocks, end of period:																
Producers', at smelter (ABMS) ..... do.	28.2	16.7	22.1	19.4	17.9	19.2	20.4	20.1	13.6	9.6	14.5	16.1	16.7	14.4	15.8	15.0
Consumers' ..... do.	77.6	71.5	65.8	70.4	73.4	75.6	70.9	68.1	71.5	74.9	73.2	71.8	73.9	80.4	.....	.....
Price, Prime Western ..... \$ per lb.	0.3847	0.4139	0.3862	0.3790	0.3800	0.3811	0.3946	0.4001	0.4056	0.4298	0.4611	0.4755	0.4874	0.4922	0.5061	.....
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly # ..... mil. \$.	1,296.9	.....	70.3	.....	.....	60.5	.....	.....	68.8	.....	.....	.....	.....	.....	.....	.....
Electric processing heating equipment ..... do.	65.4	.....	24.4	.....	.....	19.2	.....	.....	20.5	.....	.....	.....	.....	.....	.....	.....
Fuel-fired processing heating equip. .... do.	128.2	.....	19.7	.....	.....	10.0	.....	.....	16.8	.....	.....	.....	.....	.....	.....	.....
Material handling equipment (industrial):																
Orders (new), index, seas. adj. ..... 1967=100.	249.2	.....	194.2	222.7	246.9	248.9	283.6	344.3	249.3	271.9	355.6	359.2	.....	.....	.....	.....
Industrial supplies, machinery and equipment:																
New orders index, seas. adjusted ..... 1977=100.	94.6	97.9	83.9	85.9	88.2	91.6	100.4	103.1	104.1	105.0	106.6	109.1	112.6	.....	.....	.....
Industrial suppliers distribution:																
Sales index, seas. adjusted ..... 1977=100.	120.9	113.9	104.2	107.6	113.5	112.0	111.6	112.2	121.0	121.6	119.0	121.0	119.4	127.7	.....	.....
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) ..... 1977=100.	153.1	155.0	154.6	154.8	155.1	155.1	155.3	155.1	154.5	154.8	154.9	155.5	156.3	.....	.....	.....
Fluid power products shipments indexes:																
Hydraulic products, seas. adj. ..... 1972=100.	208	201	168	178	180	192	197	197	208	223	229	237	239	248	.....	.....
Pneumatic products, seas. adj. .... do.	202	208	183	190	185	194	198	207	207	235	231	248	244	291	.....	.....
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total ..... mil. \$.	1,064.45	1,151.65	77.40	89.65	79.25	93.60	96.45	128.75	91.00	102.45	129.45	115.35	91.25	133.20	132.55	.....
Domestic ..... do.	889.60	1,069.45	69.55	84.95	73.65	88.20	88.45	124.65	82.65	98.60	115.60	107.65	84.15	122.50	120.55	.....
Shipments, total ..... do.	2,894.75	1,371.50	128.80	134.40	112.95	98.80	145.75	75.40	82.85	94.10	102.05	107.25	181.75	72.55	103.25	.....
Domestic ..... do.	2,598.60	1,199.60	116.70	119.70	100.55	88.60	119.05	61.90	72.75	85.50	93.15	96.15	152.15	65.35	95.20	.....
Order backlog, end of period ..... do.	1,043.0	823.2	941.2	896.5	862.8	857.6	808.3	861.6	869.8	878.2	905.6	913.6	823.2	883.8	913.1	.....
Metal forming type tools:																
Orders, new (net), total ..... do.	433.30	544.50	20.10	35.85	39.30	41.70	48.80	46.35	46.25	53.35	73.10	44.90	60.00	55.90	69.70	.....
Domestic ..... do.	371.75	488.75	18.70	32.50	37.40	41.10	42.00	42.00	49.55	40.85	40.85	48.30	53.05	65.90	.....	.....
Shipments, total ..... do.	709.65	473.55	29.55	41.85	37.85	37.05	32.25	36.95	30.15	37.60	43.35	40.45	56.05	40.40	43.95	.....
Domestic ..... do.	599.75	430.45	26.55	36.40	35.00	35.05	33.10	31.95	28.90	33.15	40.85	37.10	54.35	35.55	40.35	.....
Order backlog, end of period ..... do.	150.6	221.6	130													

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	1982	1983	1983											1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>METALS AND MANUFACTURES—Continued</b>																	
<b>MACHINERY AND EQUIPMENT—Continued</b>																	
Tractors used in construction, shipments, qtrly:																	
Tracklaying, total .....	7,053	.....	(1)	234	(1)	784	727	556	475	797	717	.....	.....	.....	.....	.....	
units.. mil. \$..	793.5	.....	(1)	16.0	(1)	69.3	66.5	48.8	33.9	71.2	64.9	.....	.....	.....	.....	.....	
Wheel (contractors' off-highway) .....	2,443	.....	251	15.4	.....	284	31.7	.....	.....	515	49.9	.....	.....	.....	.....	.....	
units.. mil. \$..	222.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Tractor shovel loaders (integral units only), wheel and tracklaying types .....	24,128	.....	(1)	(1)	.....	(1)	.....	.....	.....	(1)	(1)	.....	.....	.....	.....	.....	
units.. mil. \$..	1,022.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly .....	80,785	.....	4,578	5,092	6,626	8,673	8,489	5,412	5,738	13,838	12,994	.....	.....	.....	.....	.....	
units.. mil. \$..	2,491.6	.....	220.3	161.4	221.9	314.5	307.7	214.8	142.8	391.6	391.4	.....	.....	.....	.....	.....	
<b>ELECTRICAL EQUIPMENT</b>																	
Batteries (auto-type replacement), ship .....	54,214	56,105	3,070	3,730	3,509	3,720	4,032	3,914	5,100	6,373	6,548	6,105	6,295	6,499	.....	.....	
Radio sets, production, total market .....	31,782	36,454	2,137	2,789	2,266	2,636	2,638	3,095	3,315	2,318	4,441	4,249	2,310	3,423	.....	.....	
Television sets (incl. combination models), production, total market .....	16,405	19,680	1,298	2,1561	1,282	1,313	2,1938	1,517	1,610	2,303	2,050	1,731	2,1925	1,679	1,632	.....	
Household major appliances (electrical), factory shipments (domestic and export) # .....	26,683	32,386	2,158	2,744	2,507	2,597	2,897	2,672	3,081	2,978	3,046	2,820	2,535	3,273	.....	.....	
Air conditioners (room) .....	2,761	2,002	130	309	259	300	265	306	108	58	32	52	98	168	.....	.....	
Dishwashers .....	2,170	3,093	197	248	214	259	276	196	340	291	311	302	245	308	.....	.....	
Disposers (food waste) .....	2,780	3,527	294	309	313	249	298	280	316	322	360	393	264	340	.....	.....	
Microwave ovens/ranges * .....	4,071	6,114	291	356	398	492	431	461	544	636	771	648	772	738	.....	.....	
Ranges .....	2,035	2,752	183	232	200	252	248	197	269	250	265	254	211	260	.....	.....	
Refrigerators .....	4,364	5,316	336	403	361	463	520	505	580	556	494	410	321	494	.....	.....	
Freezers .....	1,340	1,288	97	117	111	112	136	141	128	113	85	72	77	103	.....	.....	
Washers .....	4,019	4,616	353	420	352	416	399	322	470	438	412	377	292	479	.....	.....	
Dryers (incl. gas) .....	2,728	3,294	251	283	236	282	264	206	317	309	323	313	250	366	.....	.....	
Vacuum cleaners (qtrly) .....	7,536	7,942	2,082	.....	.....	1,799	.....	.....	2,214	.....	.....	1,848	.....	.....	.....	.....	
<b>GAS EQUIPMENT (RESIDENTIAL)</b>																	
Furnaces, gravity and forced-air, shipments .....	1,156	1,662	120	119	112	101	108	113	146	176	197	167	173	.....	.....	.....	
Ranges, total, sales .....	1,368	1,573	112	134	127	129	154	104	128	156	136	134	149	.....	.....	.....	
Water heaters (storage), automatic, sales .....	3,041	3,172	274	288	301	259	265	238	248	239	280	253	269	.....	.....	.....	
<b>PETROLEUM, COAL, AND PRODUCTS</b>																	
<b>COAL</b>																	
Anthracite:																	
Production † .....	thous. sh. tons..	4,588	3,995	230	333	269	277	332	311	402	387	423	410	368	.....	.....	
Exports .....	do..	980	776	2	30	28	66	38	79	115	117	139	93	66	9	5	
Producer Price Index .....	1967=100..	640.3	617.0	635.9	634.2	621.7	603.1	605.1	613.3	610.4	610.4	610.4	612.0	612.0	612.2	612.2	611.3
Bituminous:																	
Production † .....	thous. sh. tons..	833,523	780,870	60,257	68,128	60,361	62,703	61,991	54,606	72,547	69,894	72,778	70,629	65,126	.....	.....	.....
Consumption, total † .....	do..	703,561	.....	54,353	55,153	52,481	54,079	58,066	69,391	73,267	63,207	50,598	51,099	.....	.....	.....	.....
Electric power utilities .....	do..	592,591	.....	45,699	46,965	43,497	45,586	50,274	60,301	64,079	54,127	.....	.....	.....	.....	.....	.....
Industrial, total .....	do..	104,372	.....	8,114	7,737	8,394	8,101	7,462	8,581	8,708	8,442	.....	.....	.....	.....	.....	.....
Coke plants (oven and beehive) .....	do..	40,859	.....	2,740	2,565	3,204	3,149	2,732	3,267	3,250	3,194	.....	.....	.....	.....	.....	.....
Residential and commercial .....	do..	6,598	.....	540	451	590	392	330	509	480	638	.....	.....	.....	.....	.....	.....
Stocks, end of period, total † .....	do..	189,085	184,595	185,308	187,208	190,767	190,742	174,867	168,151	167,231	.....	.....	.....	.....	.....	.....	.....
Electric power utilities .....	do..	175,053	172,205	173,740	175,251	178,422	178,006	162,277	155,708	154,933	160,068	159,277	.....	.....	.....	.....	.....
Industrial, total .....	do..	14,032	12,390	11,568	11,957	12,345	12,736	12,590	12,443	12,298	.....	.....	.....	.....	.....	.....	.....
Oven-coke plants .....	do..	4,625	4,021	3,718	4,080	4,442	4,805	4,481	4,156	3,832	.....	.....	.....	.....	.....	.....	.....
Exports .....	do..	105,244	76,870	4,376	6,258	6,077	6,877	7,231	6,043	8,251	7,393	7,978	5,726	6,194	5,053	4,243	.....
Producer Price Index .....	1967=100..	530.4	533.2	529.2	534.6	534.3	532.0	530.8	531.3	533.2	534.6	534.9	539.1	539.1	537.7	540.2	542.9
<b>COKE</b>																	
Production:																	
Beehive and oven (byproduct) .....	thous. sh. tons..	28,115	25,808	.....	5,579	.....	.....	6,451	.....	6,753	.....	7,025	.....	.....	.....	.....	.....
Petroleum coke § .....	do..	29,908	30,615	2,218	2,404	2,284	2,611	2,580	2,649	2,735	2,577	2,610	2,743	2,677	2,713	.....	.....
Stocks, end of period:																	
Oven-coke plants, total .....	do..	8,190	3,518	.....	5,781	.....	.....	4,569	.....	.....	3,875	.....	3,518	.....	.....	.....	.....
At furnace plants .....	do..	7,858	3,233	.....	5,469	.....	.....	4,220	.....	.....	3,577	.....	3,233	.....	.....	.....	.....
At merchant plants .....	do..	331	286	.....	312	.....	.....	348	.....	.....	298	.....	286	.....	.....	.....	.....
Petroleum coke .....	do..	1,344	1,096	1,379	1,317	1,324	1,390	1,230	963	891	966	1,110	1,101	1,096	1,127	.....	.....
Exports .....	do..	1,109	907	51	37	99	72	41	248	32	45	49	47	119	55	23	.....
<b>PETROLEUM AND PRODUCTS</b>																	
Crude petroleum:																	
Oil wells completed .....	number..	40,300	37,156	2,885	3,433	3,028	3,186	3,514	2,683	2,641	3,733	2,970	3,237	3,470	3,253	3,212	4,092
Producer Price Index .....	1967=100..	733.4	681.5	692.9	678.0	678.0	678.0	677.9	675.7	675.1	675.7	675.7	675.6	674.8	676.0	676.0	676.0
Gross input to crude oil distillation																	
units .....	mil. bbl..	4,442.6	4,348.3	308.0	344.7	349.9	373.9	378.2	390.5	382.0	373.7	371.2	368.5	353.6	365.8	.....	.....
Refinery operating ratio .....	% of capacity..	70	72	65	66	69	72	75	75	74	76	73	75	70	73	.....	.....
All oils, supply, demand, and stocks:																	
New supply, total ◊ .....	mil. bbl..	5,608.2	5,570.0	391.7	430.5	449.2	469.0	464.4	493.7	505.1	492.3	482.8	464.3	470.4	484.5	.....	.....
Production:																	
Crude petroleum .....	do..	3,156.7	3,159.4	242.5	269.0	260.6	269.2	260.3	268.0	268.2	260.0	268.3	258.7	267.0	268.4	.....	.....
Natural gas plant liquids .....	do..	585.1	589.9	45.9	49.0	46.3	48.0	47.6	49.3	49.7	49.7	51.6	50.6	48.9	50.3	.....	.....
Imports:																	
Crude and unfinished oils .....	do..	1,352.4	1,303.3	68.7	75.1	102.7	108.4	114.8	128.3	138.2	13						

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>PETROLEUM, COAL, AND PRODUCTS—Continued</b>																	
<b>PETROLEUM AND PRODUCTS—Continued</b>																	
All oils, supply, demand, and stocks—Continued																	
Domestic product demand, total # ..... mil. bbl.	5,582.9	5,542.1	413.6	480.0	443.4	441.8	458.4	462.3	476.3	461.9	463.4	466.0	517.4	518.5			
Gasoline ..... do.	2,396.1	2,424.8	169.4	212.8	195.8	203.5	211.1	211.0	216.2	201.8	204.9	199.6	212.9	194.7			
Kerosene ..... do.	47.0	46.4	4.3	3.9	3.9	2.9	2.3	2.6	3.0	2.9	3.4	4.6	7.1	6.5			
Distillate fuel oil ..... do.	974.9	979.0	79.3	89.9	81.4	72.6	75.8	69.7	76.5	77.0	80.8	86.4	104.1	108.2			
Residual fuel oil ..... do.	626.5	512.2	43.9	48.7	40.9	40.6	39.5	40.5	42.2	39.7	38.0	40.7	48.7	61.4			
Jet fuel ..... do.	369.6	380.4	29.4	31.6	31.6	31.2	32.1	32.1	33.4	32.2	31.2	30.0	36.5	37.0			
Lubricants ..... do.	51.0	51.9	3.5	4.8	4.2	4.7	4.6	4.4	4.6	4.9	5.2	4.1	3.8	4.1			
Asphalt ..... do.	124.4	136.2	3.8	6.2	7.8	12.8	17.2	17.7	20.3	17.7	14.4	10.5	4.3	4.2			
Liquefied gases ..... do.	547.3	537.7	45.8	40.8	37.0	33.9	35.1	39.8	38.0	43.7	46.1	49.4	63.3	61.8			
Stocks, end of period, total ..... do.	1,429.9	1,453.1	1,431.9	1,375.4	1,375.7	1,397.1	1,409.3	1,434.2	1,467.4	1,492.1	1,511.9	1,510.3	1,453.1	1,430.0			
Crude petroleum ..... do.	643.6	722.3	672.2	670.4	683.6	681.4	686.3	682.7	706.9	712.6	718.2	722.3	732.9				
Strategic petroleum reserve ..... do.	293.8	379.1	306.1	311.8	317.7	326.8	332.5	340.7	351.8	361.0	367.2	371.3	379.1	384.4			
Unfinished oils, natural gasoline, etc ..... do.	158.1	161.0	165.9	166.1	166.4	165.4	164.0	170.1	170.1	171.8	166.2	161.0	159.9				
Refined products ..... do.	628.3	569.9	593.8	539.0	525.7	551.1	557.5	587.6	590.4	609.4	621.8	631.3	569.9	587.3			
Refined petroleum products:																	
Gasoline (incl. aviation):																	
Production ..... do.	2,322.1	2,320.3	164.3	183.4	186.7	198.7	200.3	208.8	203.8	198.4	192.7	199.8	196.3	187.7			
Stocks, end of period ..... do.	196.8	187.8	209.9	186.2	185.3	189.3	185.8	194.2	187.4	192.2	190.3	198.4	187.8	188.0			
Prices (excl. aviation):																	
Producer Price Index, regular 2/73=100.....	612.5	552.2	551.4	533.5	515.3	537.2	559.5	566.6	571.2	566.3	559.2	548.2	537.1	519.6	513.6	519.1	
Retail, reg. grade, U.S. city average (BLS): *																	
Leaded ..... \$ per gal.	1.222	1.157	1.099	1.064	1.131	1.177	1.197	1.207	1.203	1.189	1.172	1.156	1.146	1.131	1.125	1.125	
Unleaded ..... do.	1.296	1.241	1.187	1.151	1.215	1.259	1.277	1.288	1.285	1.274	1.255	1.241	1.231	1.216	1.209		
Aviation gasoline:																	
Production ..... mil. bbl.	8.9	9.1	0.5	0.6	0.7	0.7	0.9	0.9	1.0	1.0	0.8	0.7	0.5	0.6			
Stocks, end of period ..... do.	2.3	2.3	2.5	2.5	2.4	2.4	2.5	2.4	2.6	2.5	2.4	2.3	2.4	2.4			
Kerosene:																	
Production ..... do.	42.0	40.2	3.8	3.9	2.7	2.7	2.2	2.5	2.6	3.5	4.3	3.9	4.1	5.6			
Stocks, end of period ..... do.	10.4	7.9	8.8	8.9	8.3	8.2	8.0	8.5	8.3	9.2	10.2	10.2	7.9	7.5			
Producer Price Index (light distillate) 1967=100.....	996.4	905.8	959.4	939.2	908.4	897.1	894.3	882.8	880.7	880.4	889.3	885.5	880.4	871.2	884.9	902.3	
Distillate fuel oil:																	
Production ..... mil. bbl.	951.3	895.5	59.8	61.7	65.1	75.8	76.4	80.6	81.0	81.7	83.1	80.4	78.2	80.1			
Imports ..... do.	34.0	61.6	1.6	1.3	2.2	4.4	5.3	8.0	9.3	7.6	7.9	5.7	6.6	8.4			
Stocks, end of period ..... do.	178.6	140.4	147.7	118.7	103.2	109.2	113.8	131.0	143.5	154.7	163.3	161.3	140.4	119.5			
Producer Price Index (middle distillate) 1967=100.....	1,012.7	889.5	927.4	874.2	813.4	838.1	879.4	876.3	883.0	894.3	912.2	901.8	891.3	870.6	923.6	951.3	
Residual fuel oil:																	
Production ..... mil. bbl.	390.4	308.9	24.0	25.8	28.2	28.8	24.9	23.9	21.9	24.4	24.8	25.5	27.7	29.5			
Imports ..... do.	283.1	251.6	17.7	21.3	22.3	22.0	20.3	21.2	21.9	20.7	19.6	23.3	20.0	32.9			
Stocks, end of period ..... do.	66.2	49.1	53.1	46.3	46.6	50.9	50.1	51.9	48.3	49.7	51.4	54.5	49.1	45.4			
Producer Price Index (middle distillate) 1967=100.....	1,182.0	1,083.6	1,034.1	987.5	1,015.7	987.7	1,034.2	1,052.4	1,081.6	1,102.1	1,120.0	1,125.5	1,184.7	1,164.8	1,093.1	1,116.1	
Jet fuel:																	
Production ..... mil. bbl.	357.0	372.3	28.2	32.3	29.4	31.2	31.3	31.9	31.4	32.8	31.2	32.3	29.1	32.5			
Stocks, end of period ..... do.	36.8	38.6	40.5	42.2	40.2	41.3	41.3	41.7	40.2	41.8	43.4	45.9	38.6	35.6			
Lubricants:																	
Production ..... do.	51.6	53.6	3.7	4.0	4.2	4.5	4.4	4.6	4.7	4.7	4.9	5.2	4.5	4.3			
Stocks, end of period ..... do.	12.5	12.1	14.1	13.1	12.7	12.1	11.7	11.6	11.4	11.0	10.6	11.5	12.1	12.3			
Asphalt:																	
Production ..... do.	119.4	135.6	5.9	8.4	10.7	12.3	14.9	15.1	16.2	15.1	13.3	9.9	7.4	6.4			
Stocks, end of period ..... do.	15.9	18.8	22.1	24.4	27.3	27.0	25.1	22.9	19.2	17.1	16.4	15.8	18.8	21.1			
Liquefied gases (incl. ethane and ethylene):																	
Production, total ..... do.	557.5	584.8	43.7	47.0	45.9	47.9	47.8	48.7	46.7	48.7	52.3	53.5	51.0	49.9			
At gas processing plants (L.P.G.) ..... do.	459.0	466.3	36.1	37.9	36.2	37.9	37.0	37.6	36.1	37.8	41.7	43.2	41.8	40.0			
At refineries (L.R.G.) ..... do.	98.5	118.5	7.6	9.1	9.7	10.0	10.8	11.1	10.6	10.9	10.7	10.4	9.2	9.9			
Stocks (at plants and refineries) ..... do.	94.0	100.6	81.2	82.8	86.0	96.1	106.1	112.5	118.2	118.9	120.7	118.4	100.6	93.2			

## PULP, PAPER, AND PAPER PRODUCTS

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983												1984		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>PULP, PAPER, AND PAPER PRODUCTS—Continued</b>																	
<b>PAPER AND PAPER PRODUCTS †</b>																	
Paper and board:																	
Production (API):																	
Total ..... thous. sh. tons..	159,488	164,868	4,920	5,540	5,274	5,554	5,381	5,117	5,675	5,501	5,832	5,642	5,169	5,655	5,611	.....	
Paper ..... do....	30,422	32,917	2,535	2,796	2,609	2,786	2,722	2,553	2,930	2,764	2,935	2,863	2,706	2,875	2,813	.....	
Paperboard ..... do....	29,065	31,951	2,385	2,744	2,609	2,786	2,658	2,563	2,745	2,737	2,897	2,778	2,463	2,781	2,799	.....	
Producer price indexes:																	
Paperboard ..... 1967=100..	254.9	250.1	244.1	246.3	248.1	248.7	249.6	249.7	250.1	254.0	255.5	259.4	259.5	262.2	269.3	273.6	.....
Building paper and board..... do....	239.5	250.0	241.4	244.2	247.0	249.3	249.4	256.2	252.1	252.8	254.7	254.7	250.5	251.9	253.9	258.9	.....
Selected types of paper (API):																	
Groundwood paper, uncoated:																	
Orders, new ..... thous. sh. tons..	1,469	1,564	103	128	122	126	131	135	163	131	152	124	122	147	149	.....	
Orders, unfilled, end of period ..... do....	91	156	100	106	101	94	99	114	145	153	164	153	156	161	189	.....	
Shipments ..... do....	1,459	1,509	108	123	127	129	128	118	129	132	142	137	121	138	128	.....	
Coated paper:																	
Orders, new ..... do....	14,998	15,850	412	499	439	509	543	499	556	451	523	463	504	511	513	.....	
Orders, unfilled, end of period ..... do....	325	463	307	342	332	398	457	524	528	492	496	447	463	450	464	.....	
Shipments ..... do....	5,032	5,743	427	460	447	468	481	453	536	485	535	513	496	514	509	.....	
Uncoated free sheet papers:																	
Orders, new ..... do....	17,820	19,010	686	833	743	751	744	755	782	720	741	757	735	726	697	.....	
Shipments ..... do....	18,187	19,030	682	805	759	762	762	676	786	748	794	773	750	793	765	.....	
Unbleached kraft packaging and industrial converting papers:																	
Shipments ..... thous. sh. tons..	3,688	3,792	308	316	291	304	312	287	349	327	339	329	301	317	322	.....	
Tissue paper, production ..... do....	14,438	14,789	374	399	397	410	392	385	419	399	414	408	390	406	385	.....	
Newsprint:																	
Canada:																	
Production ..... thous. metric tons..	8,109	8,486	653	680	695	724	719	699	726	707	750	774	673	757	622	.....	
Shipments from mills ..... do....	8,054	8,439	607	674	710	683	796	679	696	738	764	766	723	699	646	.....	
Stocks at mills, end of period ..... do....	256	303	383	389	374	415	339	359	388	358	344	352	303	361	337	.....	
United States:																	
Production ..... do....	4,574	4,688	378	406	364	399	372	378	419	377	406	414	372	417	410	.....	
Shipments from mills ..... do....	4,525	4,675	350	394	362	404	395	395	418	378	407	412	390	415	412	.....	
Stocks at mills, end of period ..... do....	86	99	147	159	161	156	133	116	117	116	116	117	99	103	102	.....	
Consumption by publishers ◊ ..... do....	10,107	10,579	764	875	879	919	858	816	847	885	1,001	985	953	852	872	.....	
Stocks at and in transit to publishers, end of period ..... thous. metric tons..	854	790	823	805	780	746	809	826	849	812	785	750	790	785	791	.....	
Imports:																	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered ..... Index, 1967=100..	6,531	6,919	433	620	538	599	659	538	584	543	634	633	593	663	621	.....	
Paper products:																	
Shipping containers, corrugated and solid fiber shipments..... mil. sq. ft. surf. area..	235,185	252,876	18,628	21,891	20,466	20,777	22,044	19,582	22,649	22,317	23,476	21,043	19,874	22,070	21,983	.....	

**RUBBER AND RUBBER PRODUCTS**

<b>RUBBER</b>																	
Natural rubber:																	
Consumption ..... thous. metric tons..	660.61	676.27	44.53	55.28	55.31	56.86	67.04	48.79	39.22	50.21	75.29	69.67	49.56	.....	.....	.....	.....
Stocks, end of period ..... do....	95.42	80.75	95.02	87.35	93.77	100.01	97.86	99.18	90.69	83.29	74.83	75.87	80.75	.....	.....	.....	.....
Imports, incl. latex and guayule ..... thous. lg. tons..	618.27	642.07	49.63	48.54	62.11	63.44	65.20	50.41	31.90	44.22	67.83	71.06	54.71	87.84	.....	.....	.....
Price, wholesale, smoked sheets (N.Y.) .... \$ per lb..	0.453	0.560	0.485	0.578	0.578	0.568	0.545	0.583	0.593	0.605	0.605	0.583	0.573	0.583	0.580	.....	.....
Synthetic rubber:																	
Production ..... thous. metric tons..	1,828.95	1,978.28	153.86	170.06	160.46	171.13	164.50	154.64	150.50	163.16	177.96	193.73	163.11	.....	.....	.....	.....
Consumption ..... do....	1,757.30	1,860.79	140.22	158.19	146.32	146.22	156.68	135.85	174.52	174.39	184.53	162.14	150.01	.....	.....	.....	.....
Stocks, end of period ..... do....	255.94	283.80	284.76	283.54	283.84	294.34	290.82	304.77	276.24	262.34	256.12	282.72	283.80	.....	.....	.....	.....
Exports (Bu. of Census) ..... thous. lg. tons..	284.62	275.01	18.61	24.44	24.91	31.66	24.37	20.15	21.08	22.01	20.14	23.75	23.67	24.12	22.22	.....	.....
<b>TIRES AND TUBES</b>																	
Pneumatic casings, automotive:																	
Production ..... thous..	178,500	186,923	14,992	15,370	16,325	15,653	15,473	12,570	16,440	16,360	16,734	15,136	15,483	16,749	17,498	.....	.....
Shipments, total ..... do....	201,236	218,865	15,038	18,034	17,782	18,907	20,431	17,879	20,117	21,246	20,532	17,527	16,077	18,509	17,971	.....	.....
Original equipment ..... do....	38,633	49,364	3,701	4,232	4,143	4,286	4,461	3,240	3,931	5,003	4,870	4,625	4,608	4,755	5,109	.....	.....
Replacement equipment ..... do....	158,688	164,265	11,031	13,353	13,185	14,202	15,586	14,354	15,686	15,717	15,153	12,458	10,890	13,118	12,253	.....	.....
Exports ..... do....	3,915	5,236	306	499	454	419	384	285	500	526	509	444	579	636	609	.....	.....
Stocks, end of period ..... do....	39,955	33,340	45,483	50,287	51,921	42,395	39,622	36,989	35,541	32,854	31,530	31,676	33,340	35,450	37,615	.....	.....
Exports (Bu. of Census) ..... do....	5,971	4,656	352	424	392	436	306	270	360	447	391	485	484	458	427	.....	.....
Inner tubes, automotive:																	
Exports (Bu. of Census) ..... do....	1,924	1,829	72	157	134	138	193	100	147	169	240	126	177	97	137	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>STONE, CLAY, AND GLASS PRODUCTS</b>																		
<b>PORLTAND CEMENT</b>																		
Shipments, finished cement.....thous. bbl..	1343,463	1376,287	17,660	25,367	28,383	33,569	39,415	37,266	41,931	39,537	39,053	32,771	22,202	20,356	25,638	.....		
<b>CLAY CONSTRUCTION PRODUCTS</b>																		
Shipments:																		
Brick, unglazed (common and face) mil. standard brick..	4,408.6	5,791.9	287.0	445.7	451.8	529.1	615.4	546.7	607.9	583.4	545.7	494.2	375.7	.....	.....	.....	.....	.....
Structural tile, except facing.....thous. sh. tons..	40.9	30.1	1.9	2.2	3.4	1.4	2.6	2.3	2.8	3.6	3.3	2.1	2.1	.....	.....	.....	.....	.....
Sewer pipe and fittings, vitrified .....	325.0	375.0	16.3	27.1	29.7	30.6	36.7	39.8	43.7	40.0	38.6	29.8	20.7	.....	.....	.....	.....	.....
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft..	294.8	333.5	24.7	29.8	27.9	31.4	29.9	27.1	30.5	27.3	29.2	27.0	25.6	.....	.....	.....	.....	.....
Producer Price Index, Brick (common), f.o.b. plant or N.Y. dock.....1967=100..	312.5	338.1	320.9	333.8	337.7	339.3	340.1	341.9	341.9	341.9	344.0	345.3	346.6	346.9	346.7	347.9		
<b>GLASS AND GLASS PRODUCTS</b>																		
Flat glass, mfrs.' shipments.....thous. \$..	871,331	968,516	.....	228,658	.....	.....	238,331	.....	.....	251,886	.....	.....	249,641	.....	.....	.....	.....	.....
Glass containers: †																		
Production.....thous. gross..	309,376	288,365	23,776	27,039	25,659	25,513	24,804	24,212	27,139	23,805	25,539	21,130	16,414	.....	.....	.....	.....	.....
Shipments, domestic, total ‡ .....	307,113	287,438	20,656	25,926	24,456	26,183	26,737	25,615	28,422	24,909	23,083	20,288	18,077	.....	.....	.....	.....	.....
Narrow-neck containers:																		
Food.....do..	27,658	27,374	2,031	2,690	2,241	2,496	2,467	2,008	3,215	2,995	1,916	1,658	1,502	.....	.....	.....	.....	.....
Beverage.....do..	61,020	59,788	3,318	5,118	4,872	5,711	6,331	5,880	6,347	5,389	4,513	4,230	3,736	.....	.....	.....	.....	.....
Beer.....do..	107,861	97,572	7,743	8,955	9,076	9,612	9,370	9,402	9,164	7,575	7,165	6,256	5,595	.....	.....	.....	.....	.....
Liquor and wine.....do..	22,265	22,947	1,513	2,039	1,754	1,912	2,005	2,069	1,980	2,011	2,281	1,870	1,667	.....	.....	.....	.....	.....
Wide-mouth containers:																		
Food and dairy products.....do..	63,372	60,108	4,356	5,129	4,451	4,829	5,037	5,010	6,170	5,527	5,642	4,861	4,232	.....	.....	.....	.....	.....
Narrow-neck and wide-mouth containers:																		
Medicinal and toilet.....do..	22,322	17,861	1,534	1,824	1,894	1,469	1,354	1,115	1,393	1,280	1,441	1,294	1,234	.....	.....	.....	.....	.....
Chemical, household and industrial.....do..	2,615	1,788	161	171	168	154	173	131	153	132	125	119	111	.....	.....	.....	.....	.....
Stocks, end of period .....	45,634	43,057	49,092	50,022	51,269	50,604	49,467	48,104	45,893	44,080	44,583	45,091	43,057	.....	.....	.....	.....	.....
<b>GYPSUM AND PRODUCTS</b>																		
Production:																		
Crude gypsum (exc. byproduct).....thous. sh. tons..	10,538	12,948	857	905	1,053	1,033	1,141	1,017	1,218	1,300	1,221	1,161	1,117	1,146	.....	.....	.....	.....
Calcined.....do..	11,243	13,710	911	1,110	1,131	1,087	1,167	1,128	1,276	1,262	1,278	1,213	1,161	1,263	.....	.....	.....	.....
Imports, crude gypsum .....	6,718	8,031	454	513	636	698	694	784	682	872	995	741	561	705	.....	.....	.....	.....
Sales of gypsum products:																		
Uncalcined.....do..	14,528	4,064	277	195	235	268	464	338	377	432	471	339	383	268	.....	.....	.....	.....
Calcined:																		
Industrial plasters.....do..	1430	1442	32	37	36	35	36	30	35	35	40	40	36	36	.....	.....	.....	.....
Building plasters, total (incl. Keene's cement) @.....do..	1264	257	19	22	21	21	22	21	24	23	22	20	19	20	.....	.....	.....	.....
Board products, total.....mil. sq. ft..	13,093	16,818	1,113	1,425	1,312	1,319	1,449	1,422	1,593	1,471	1,548	1,493	1,542	1,494	.....	.....	.....	.....
Lath.....do..	39	36	3	3	3	3	4	3	3	2	3	4	2	3	.....	.....	.....	.....
Veneer base.....do..	286	368	23	32	28	29	35	31	37	33	31	32	34	34	.....	.....	.....	.....
Gypsum sheathing.....do..	264	344	24	28	30	29	32	29	31	31	30	29	25	28	.....	.....	.....	.....
Regular gypsum board.....do..	8,447	10,807	715	933	844	861	934	903	1,014	933	981	970	1,000	945	.....	.....	.....	.....
Type X gypsum board.....do..	3,486	4,283	279	352	322	317	356	366	414	381	402	385	408	407	.....	.....	.....	.....
Predecorated wallboard.....do..	119	119	9	11	10	11	12	9	10	10	10	9	10	10	.....	.....	.....	.....
5/16 mobile home board.....do..	453	861	59	66	76	69	77	80	83	80	90	65	62	66	.....	.....	.....	.....

**TEXTILE PRODUCTS**

<b>FABRIC</b>																		
Woven fabric, finishing plants:																		
Production (finished fabric).....mil. linear yd..	6,660	7,190	568	3726	562	561	3716	421	592	3702	603	591	3643	550	.....	.....	.....	.....
Cotton.....do..	2,466	2,654	217	3274	215	210	3268	147	209	3264	215	207	3226	209	.....	.....	.....	.....
Manmade fiber and silk fabrics.....do..	4,194	4,537	350	452	348	351	448	274	383	438	388	384	416	341	.....	.....	.....	.....
Inventories held at end of period .....	1637	598	623	611	603	619	607	511	630	632	647	655	597	621	.....	.....	.....	.....
Cotton.....do..	257	231	250	242	241	248	233	245	252	263	267	260	230	257	.....	.....	.....	.....
Manmade fiber and silk fabrics.....do..	380	367	372	369	362	371	374	381	378	368	380	395	367	364	.....	.....	.....	.....
Backlog of finishing orders .....																		
Cotton.....do..																		
Manmade fiber and silk fabrics.....do..																		
<b>COTTON and MANUFACTURES</b>																		
Cotton (excluding linters):																		
Production:																		
Ginnings ◊.....thous. running bales..	11,526	7,500	.....	.....	.....	.....	.....	2	315	770	3,348	6,007	7,214	.....	.....	.....	.....	.....
Crop estimate .....thous. net weight bales §..	11,963	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,618	.....	.....	.....	.....	.....	.....
Consumption .....	4,938	5,553	430	3549	431	441	3543	369	453	3560	459	446	3468	449	448	548	.....	.....
Stocks in the United States, total, end of period #																		
thous. running bales..	14,232	10,686	12,433	11,399	10,358	9,455	8,449	7,561	14,047	13,116	12,515	11,725	10,686	9,512	8,347	6,972	.....	.....
Domestic cotton, total .....	14,229	10,685	12,431	11,397	10,356	9,454	8,447	7,560	14,046	13,115	12,514	11,724	10,685	9,511	8,346	6,971	.....	.....
On farms and in transit .....	2,433	1,159	1,432	896	767	748	273	150	7,067	6,663	4,767	2,506	1,159	1,222	1,275	1,240	.....	.....
Public storage and compresses .....	11,101	8,924	10,225	9,713	8,796	7,930	7,419	6,656	6,268	5,814	7,192	8,665	8,924	7,643	6,359	4,988	.....	.....
Consuming establishments .....	695	602	774	788	793	776	755	754	711	638	555	553	602	646	712	743	.....	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983												1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.			
<b>TEXTILE PRODUCTS—Continued</b>																		
<b>COTTON AND MANUFACTURES—Cont.</b>																		
Cotton (excluding linters)—Continued																		
Exports.....	6,079	5,649	368	487	612	464	831	409	383	322	261	441	632	663	719	.....	.....	
.....thous. running bales.....	39	8	(*)	1	(*)	(*)	(*)	1	2	1	1	1	(*)	(*)	(*)	.....	.....	
Imports.....	57.6	63.9	57.7	62.2	60.4	63.6	62.6	67.1	67.0	63.1	64.0	66.8	67.3	62.7	65.7	69.3	.....	
Price (farm), American upland ◊ .. cents per lb.																		
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets .. cents per lb.	\$60.5	63.1	61.7	66.0	65.3	66.9	70.7	70.3	72.9	71.7	72.0	73.4	73.0	70.6	71.8	74.9	.....	
Spindle activity (cotton system spindles):																		
Active spindles, last working day, total .. mil.	14.2	13.9	14.3	14.4	14.0	14.2	14.2	13.8	14.1	14.2	14.9	14.1	13.9	.....	.....	.....	.....	
Consuming 100 percent cotton .. do.	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.3	5.3	5.3	5.3	5.2	5.2	5.2	.....	
Spindle hours operated, all fibers, total .. bil.	'81.6	90.3	6.8	9.4	6.8	7.1	8.6	5.9	7.8	8.8	7.7	7.4	7.6	7.4	7.4	7.4	.....	
Average per working day .. do.	0.320	0.343	0.340	0.336	0.342	0.354	0.344	0.295	0.372	0.352	0.384	0.369	0.305	0.368	.....	.....	.....	
Consuming 100 percent cotton .. do.	30.2	33.7	2.5	*3.1	2.5	2.5	*3.1	2.2	3.0	*3.4	3.0	2.9	*3.0	2.8	2.9	2.9	.....	
Cotton cloth:																		
Cotton broadwoven goods over 12" in width:																		
Production (qtrly) .. mil. sq. yd.	3,779	4,163	.....	1,046	.....	.....	1,042	.....	.....	*1,029	.....	.....	1,046	.....	.....	.....	.....	
Orders, unfilled, end of period, compared with avg. weekly production .. no. weeks' prod.	11.1	11.8	10.2	10.3	10.0	10.8	11.7	14.8	12.6	12.4	12.6	12.7	13.8	10.4	.....	.....	.....	
Inventories, end of period, compared with avg. weekly production .. no. weeks' prod.	7.1	4.7	5.9	4.9	4.8	4.3	4.3	5.1	4.2	3.8	3.8	4.2	4.8	4.6	.....	.....	.....	
Ratio of stocks to unfilled orders (at cotton mills), end of period ..	0.65	0.40	0.59	0.47	0.44	0.40	0.37	0.34	0.33	0.31	0.30	0.33	0.34	0.44	.....	.....	.....	
Exports, raw cotton equiv. thous. net-weight .. 480 lb. bales..	239.2	188.8	15.1	18.2	17.2	14.2	15.9	12.7	14.0	15.4	16.0	15.3	14.8	.....	.....	.....	.....	
Imports, raw cotton equivalent .. do.	601.3	793.1	55.5	56.7	54.6	61.7	58.9	64.5	66.6	77.9	71.4	80.9	77.4	.....	.....	.....	.....	
Producer Price Index, gray cotton broadwovens * .. 12/75=100..	152.6	152.1	149.5	151.1	151.7	152.2	151.0	151.5	151.7	152.8	156.0	*156.7	155.6	157.9	159.2	158.1	.....	
<b>MANMADE FIBERS AND MANUFACTURES</b>																		
Fiber production, qtrly:																		
Acetate filament yarn .. mil. lb.	195.2	.....	.....	50.3	.....	.....	62.2	.....	.....	61.3	.....	.....	.....	.....	.....	.....	.....	
Rayon staple, including tow .. do.	355.0	.....	.....	92.6	.....	.....	92.1	.....	.....	92.1	.....	.....	.....	.....	.....	.....	.....	
Noncellulosic, except textile glass:																		
Yarn and monofilaments .. do.	3,040.3	.....	.....	801.1	.....	.....	924.0	.....	.....	903.3	.....	.....	.....	.....	.....	.....	.....	
Staple, incl. tow .. do.	3,402.5	.....	.....	886.7	.....	.....	1,015.5	.....	.....	1,032.8	.....	.....	.....	.....	.....	.....	.....	
Textile glass fiber .. do.	899.2	.....	.....	245.1	.....	.....	273.1	.....	.....	313.2	.....	.....	.....	.....	.....	.....	.....	
Fiber stocks, producers', end of period:																		
Acetate filament yarn .. mil. lb.	10.7	.....	.....	9.8	.....	.....	12.2	.....	.....	14.1	.....	.....	.....	.....	.....	.....	.....	
Rayon staple, including tow .. do.	25.9	.....	.....	31.5	.....	.....	28.9	.....	.....	21.3	.....	.....	.....	.....	.....	.....	.....	
Noncellulosic fiber, except textile glass:																		
Yarn and monofilaments .. do.	279.8	.....	.....	270.1	.....	.....	259.5	.....	.....	270.4	.....	.....	.....	.....	.....	.....	.....	
Staple, incl. tow .. do.	324.8	.....	.....	292.7	.....	.....	278.0	.....	.....	300.8	.....	.....	.....	.....	.....	.....	.....	
Textile glass fiber .. do.	141.0	.....	.....	131.1	.....	.....	101.1	.....	.....	102.7	.....	.....	.....	.....	.....	.....	.....	
Manmade fiber and silk broadwoven fabrics:																		
Production (qtrly), total # .. mil. sq. yd.	8,585.5	10,089.1	.....	2,344.7	.....	.....	2,513.9	.....	.....	*2,516.2	.....	.....	2,714.3	.....	.....	.....	.....	
Filament yarn (100%) fabrics # .. do.	2,951.1	3,601.0	.....	803.1	.....	.....	885.4	.....	.....	*877.5	.....	.....	1,035.0	.....	.....	.....	.....	
Chiefly rayon and/or acetate fabrics .. do.	346.6	255.1	.....	60.8	.....	.....	60.6	.....	.....	*66.0	.....	.....	67.7	.....	.....	.....	.....	
Chiefly nylon fabrics .. do.	397.5	325.3	.....	85.4	.....	.....	87.6	.....	.....	*72.6	.....	.....	79.7	.....	.....	.....	.....	
Spun yarn (100%) fabrics # .. do.	4,726.7	5,295.0	.....	1,248.9	.....	.....	1,331.1	.....	.....	*1,353.5	.....	.....	1,361.5	.....	.....	.....	.....	
Rayon and/or acetate fabrics, blends .. do.	113.7	113.9	.....	26.5	.....	.....	28.8	.....	.....	28.3	.....	.....	30.3	.....	.....	.....	.....	
Polyester blends with cotton .. do.	3,547.8	3,998.4	.....	942.3	.....	.....	1,018.9	.....	.....	*1,023.0	.....	.....	1,014.2	.....	.....	.....	.....	
Acetate filament and spun yarn fabrics .. do.	893.0	1,031.7	.....	257.6	.....	.....	256.2	.....	.....	245.5	.....	.....	272.4	.....	.....	.....	.....	
Producer Price Index, gray synthetic broadwovens .. 12/75=100..	143.7	147.0	144.3	144.7	145.5	146.1	146.3	146.5	147.4	147.7	149.3	*151.5	151.1	151.6	150.9	151.8	.....	
Manmade fiber textile trade:																		
Exports, manmade fiber equivalent .. mil. lbs.	438.55	460.71	36.34	43.40	43.45	40.39	39.80	35.00	36.21	39.50	36.97	36.44	35.24	.....	.....	.....	.....	
Yarn, tops, thread, cloth .. do.	200.59	167.19	13.38	15.55	15.61	14.45	14.15	12.50	13.06	14.39	14.72	13.44	12.49	.....	.....	.....	.....	
Cloth, woven .. do.	132.57	108.66	8.70	10.40	10.84	9.07	9.07	7.71	8.38	9.41	9.31	8.77	7.76	.....	.....	.....	.....	
Manufactured prods., apparel, furnishings .. do.	237.96	293.52	22.96	27.85	27.84	25.95	25.66	22.50	23.16	25.11	22.26	23.00	22.74	.....	.....	.....	.....	
Imports, manmade fiber equivalent .. do.	807.10	1,069.49	71.92	76.53	73.20	86.99	105.55	98.14	108.25	98.34	106.84	85.83	77.93	.....	.....	.....	.....	
Yarn, tops, thread, cloth .. do.	132.58	182.50	10.92	14.44	14.99	16.49	18.61	16.81	15.98	15.62	17.41	14.69	13.36	.....	.....	.....	.....	
Cloth, woven .. do.	93.34	123.21	7.14	9.12	10.77	11.06	13.05	11.31	11.53	10.75	11.03	9.55	9.07	.....	.....	.....	.....	
Manufactured prods., apparel, furnishings .. do.	674.51	886.99	61.00	62.08	58.22	70.50	86.74	81.33	92.27	82.72	89.43	71.15	64.58	.....	.....	.....	.....	
Apparel, total .. do.	485.31	574.39	39.57	38.10	38.63	47.65	58.88	55.16	65.73	54.39	56.24	42.75	34.18	.....	.....	.....	.....	
Knit apparel .. do.	193.09	241.30	15.87	15.03	15.33	21.73	27.45	25.44	27.60	24.28	24.22	16.19	11.05	.....	.....	.....	.....	
<b>WOOL AND MANUFACTURES</b>																		
Wool consumption, mill (clean basis):																		
Apparel class .. mil. lb.	105.9	132.4	9.6	*12.8	10.6	9.9	*13.7	8.7	10.5	*12.8	*11.2	11.2	*12.4	11.0	.....	.....	.....	
Carpet class .. do.	9.8	11.9	1.0	*1.2	0.9	1.0	*1.2	0.8	1.1	*1.4	0.9	0.7	*0.9	0.8	.....	.....	.....	
Wool imports, clean yield .. do.	61.4	79.1	6.2	5.0	6.7	4.9	7.5	6.5	5.8	5.1	8.5	8.0	8.9	.....	.....	.....	.....	
Duty-free .. do.	21.4	28.7	2.0	1.5	1.9	2.1	2.9	2.4	2.3	1.9	3.3	2.5	3.8	.....	.....	.....	.....	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																		
Domestic—Graded territory, 64's, staple 2 3/4" and up .. cents per lb.	*2.47	*2.12	.....	1.93	1.93	1.93	1.98	2.19	2.23	2.25	2.25	2.25	2.28	2.30	.....	.....	.....	
Australian, 64's, Type 62, duty-paid .. do.	2.99	2.66	2.71	2.66	2.62	2.62	2.60	2.62	2.62	2.63	2.71	2.70	2.66	2.66	.....	.....	.....	
Wool broadwoven goods, exc. felts:																		
Production (qtrly) .. mil. sq. yd.	121.1	139.0	.....	34.2	.....	.....	40.0	.....	.....	28.2	.....	.....	36.6	.....	.....	.....	.....	
<b>FLOOR COVERINGS</b>																		
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly .. mil. sq. yds.	906.5	1,084.9	.....	232.1	.....	.....	272.2	.....	.....	*284.7	.....	.....						

Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982	1982	1983	1983										1984			
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>TEXTILE PRODUCTS—Continued</b>																
<b>APPAREL—Continued</b>																
Men's apparel cuttings:																
Suits .....	11,735	10,768	953	927	779	845	839	570	858	951	1,098	1,100	879	1,085	.....	
Coats (separate), dress and sport .....	16,477	17,139	1,251	1,471	1,432	1,496	1,672	1,390	1,583	1,469	1,510	1,429	1,176	1,472	.....	
Trousers (separate), dress .....	111,749	109,014	9,160	10,244	9,261	8,656	10,188	7,060	9,986	9,141	9,675	10,174	7,365	9,744	.....	
Slacks (jean cut), casual .....	172,299	202,930	14,495	16,564	16,288	17,350	22,319	17,448	18,128	19,879	16,996	19,577	10,265	14,504	.....	
Shirts, dress and sport .....	92,423	39,506	3,172	3,591	3,179	3,404	3,562	2,455	3,298	3,467	3,356	3,531	3,158	3,550	.....	
Hosiery, shipments .....	288,704	308,079	23,306	25,415	26,424	26,395	26,070	29,966	26,144	25,317	25,829	25,278	24,905	24,191	25,847	

**TRANSPORTATION EQUIPMENT**

<b>AEROSPACE VEHICLES</b>																
Orders, new (net), qtrly, total .....	86,587															
U.S. Government .....	55,715															
Prime contracts .....	84,290															
Sales (net), receipts, or billings, qtrly, total .....	75,487															
U.S. Government .....	42,239															
Backlog of orders, end of period # .....	105,810															
U.S. Government .....	60,067															
Aircraft (complete) and parts .....	46,446															
Engines (aircraft) and parts .....	11,958															
Missiles, space vehicle systems, engines, propulsion units, and parts .....	13,432															
Other related operations (conversions, modifications) products, services .....	13,330															
Aircraft (complete);																
Shipments † .....	8,639.8	10,167.9	795.1	1,418.9	1,107.9	791.0	1,191.3	429.9	484.8	785.1	432.2	827.7	1,206.2			
Airframe weight † .....	44,383	47,329	3,642	7,007	5,194	3,854	5,723	1,998	2,388	3,490	1,751	3,797	4,793			
Exports, commercial .....	4,775	5,569	508	1,006	457	397	924	368	178	292	193	307	679	140	378	
<b>MOTOR VEHICLES (NEW)</b>																
Passenger cars:																
Factory sales (from U.S. plants), total †† .....	5,049	6,739	474	575	529	587	644	461	492	627	678	636	581	647	682	(*)
Domestic †† .....	4,696	6,201	433	517	475	528	592	426	466	581	623	587	541	608	632	
Retail sales, total, not seasonally adj. ....	7,980	9,179	628	821	762	837	904	792	741	705	861	782	752	778	841	964
Domestics \$ .....	5,758	6,793	442	600	578	630	668	577	531	538	664	590	559	583	655	756
Imports \$ .....	2,221	2,386	185	221	184	207	236	215	210	166	197	191	192	195	186	208
Total, seas, adjusted at annual rate .....			8.2	8.4	8.5	9.1	10.1	9.7	8.9	9.2	9.5	10.5	11.2	10.6	10.0	
Domestics \$ .....			6.1	6.2	6.4	6.9	7.5	7.2	6.6	7.0	6.9	7.8	8.4	8.5	7.9	
Imports \$ .....			2.1	2.2	2.1	2.2	2.6	2.5	2.3	2.1	2.8	2.6	2.7	2.8	2.1	2.1
Retail inventories, end of period, domestics \$ .....	1,126	1,352	1,248	1,235	1,191	1,191	1,209	1,102	1,088	1,192	1,220	1,303	1,352	1,471	1,532	1,572
Not seasonally adjusted .....	1,127	1,390	1,270	1,238	1,201	1,154	1,082	1,050	1,166	1,231	1,257	1,306	1,390	1,498	1,565	1,611
Inventory-retail sales ratio, domestics \$ .....	2.3	2.5	2.5	2.4	2.3	2.0	1.7	1.7	2.1	2.1	2.2	2.3	2.1	2.2	2.2	2.4
Exports (BuCensus), total .....	374.30	551.16	44.33	56.59	54.45	60.81	51.92	34.26	31.87	46.27	57.22	48.16	38.14	40.71	53.69	
To Canada .....	334.05	523.99	42.12	54.75	52.21	58.14	50.30	32.75	30.63	41.92	54.64	45.64	36.18	38.85	50.64	
Imports (BuCensus), complete units .....	3,067.0	3,691.0	260.2	313.4	277.2	355.8	325.5	288.3	263.5	271.6	342.3	346.7	369.3	396.1	340.6	
From Canada, total .....	702.5	836.8	69.7	69.3	77.9	88.5	85.8	56.0	44.3	49.6	67.0	71.3	98.4	83.5	94.3	
Registrations ♦, total new vehicles .....	7,754	8,924	569	725	728	773	869	789	773	735	757	701	910	747	782	
Imports, incl. domestically sponsored .....	2,269	2,457	171	219	208	215	244	228	246	207	190	176	239	195	194	
Trucks and buses:																
Factory sales (from U.S. plants), total @ .....	1,906	2,414	160	221	191	212	230	161	192	226	241	233	207	246	252	(*)
Domestic @ .....	1,779	2,260	150	207	179	198	214	150	181	214	225	218	192	231	235	
Retail sales, not seasonally adjusted: *																
Light-duty, up to 14,000 lbs. GVW .....	2,063.8	2,520.7	158.4	225.4	207.3	222.8	247.9	204.2	185.1	224.1	221.8	223.5	244.5	226.7	256.2	313.7
Medium-duty, 14,001-26,000 lbs. GVW .....	45.7	47.7	3.1	3.9	3.8	4.1	4.4	5.0	4.8	4.4	3.8	3.0	3.9	3.7	4.3	4.7
Heavy-duty, 26,001 lbs. and over GVW .....	138.3	141.0	8.7	13.6	11.4	9.7	11.4	11.8	12.0	12.2	13.4	11.6	15.1	12.1	14.2	17.1
Retail sales, seasonally adjusted: *																
Light-duty, up to 14,000 lbs. GVW .....																
Medium-duty, 14,001-26,000 lbs. GVW .....																
Heavy-duty, 26,001 lbs. and over GVW .....																
Retail inventories, end of period:																
Not seasonally adjusted .....	539.5	583.7	541.2	543.7	545.9	551.3	551.4	498.4	509.1	532.8	571.4	603.1	583.7	649.5	672.8	686.4
Seasonally adjusted .....	545.5	591.4	532.7	534.1	536.8	540.5	525.6	507.5	552.8	562.0	570.3	598.3	591.4	629.4	664.3	676.7
Exports (BuCensus) .....	124.43	131.65	9.42	11.30	12.83	11.87	13.33	10.62	11.34	10.11	12.67	10.29	10.54	10.52	15.20	
Imports (BuCensus), including separate chassis and bodies .....	738.48	846.89	56.22	70.78	69.48	78.19	80.99	63.13	68.70	61.17	82.06	74.53	94.07	80.41	72.72	
Registrations ♦, new vehicles, excluding buses not produced on truck chassis .....	2,430	2,977	177	227	244	254	275	259	254	249	265	253	332	282	302	
Truck trailers and chassis, complete (excludes detachables), shipments † .....	96,190	121,711	6,949	9,848	6,979	8,708	9,674	8,387	11,513	12,898	12,775	13,182	14,736	15,391		
Vans † .....	64,892	86,444	4,599	6,367	4,808	5,958	6,714	5,202	8,632	9,683	9,521	9,739	11,168	11,750		
Trailer bodies (detachable), sold separately † .....	3,988	2,215	136	153	61	69	31	57	299	271	171	180	629	88		
Trailer chassis (detachable), sold separately † .....	2,918	4,531	19	43	47	147	620	456	414	300	578	921	961	1,638		
<b>RAILROAD EQUIPMENT</b>																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments .....	17,236	15,772	447	444	205	376	338	260	469	460	736	615	745	415	528	894
Equipment manufacturers .....	15,515	15,570	411	334	205	376	338	260	469	458	736	615	745	415	528	894
New orders .....	7,071	5,964	299	207	615	797	150	934	287	416	642	351	805	2,736	1,523	1,213
Equipment manufacturers .....	6,321	5,962	297	207	614	797	150	934	287	416	642	351	805	2,736	1,523	1,213
Unfilled orders, end of period .....	4,295	3,271	4,153	3,916	4,326	4,747	4,559									

## FOOTNOTES FOR PAGES S-1 THROUGH S-32

## General Notes for all Pages:

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

**Page S-1**

- # 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.

**Page S-2**

1. Based on data not seasonally adjusted.
- # Includes data not shown separately.
- ‡ See note "‡" for p. S-8.
- † See note "†" for p. S-8.

**Page S-3**

- # Includes data for items not shown separately.  
 \$ See note "‡" for p. S-8.  
 † See note "†" for p. S-8.

**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.

**Page S-5**

1. Based on unadjusted data.
2. Series will resume when Dun & Bradstreet has completed revising data processing procedures.
- @ Compiled by Dun & Bradstreet, Inc.
- # Includes data for items not shown separately.
- § Ratio of prices received to prices paid (parity index).
- ‡ See note "‡" for p. S-4.
- † Effective with the Feb. 1984 SURVEY, data have been revised (back to 1981 for some commodities) and are available upon request.
- ◊ Beginning with data for January 1983, the index is affected by a change in methodology used to compute the homeownership component. For additional information regarding this change, see p. S-36 of the Feb. 1983 SURVEY.
- \* New series.

**Page S-6**

- § For actual producer prices or 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.
  - \* New series. This index (first shown in the Feb. 1984 SURVEY) reflects costs associated with homeowners' consumption of shelter service. This new index combines the subindexes of owners' equivalent rent and household insurance. Indexes prior to Dec. 1982 are not available. For additional information, see p. S-36 of the Feb. 1983 SURVEY.
  - ‡ Effective with the Feb. 1984 SURVEY, data have been revised back to 1979 to reflect updated seasonal factors and are available upon request.
  - † Effective with the Feb. 1984 SURVEY, data back to 1979 have been revised and are available upon request.
  - ◊ See note "◊" for p. S-5.

**Page S-7**

1. Computed from cumulative valuation total.
2. Index as of Apr. 1, 1984: building, 358.5; construction, 384.7.
- # Includes data for items not shown separately.
- § Data for Mar., June, Sept., and Dec. 1983, and Mar. 1984 are for five weeks; other months four weeks.
- † Data for seasonally adjusted housing starts have been revised from 1981-83, and are available upon request.
- @ Unadjusted data for manufacturers' shipments of mobile homes for January 1982 through November 1983 and seasonally adjusted data for January 1981 through November 1983 have been revised and are available upon request.

**Page S-8**

1. Advance Estimate.
2. Direct endorsement cases are included beginning with June data.
- ◊ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-14.
- § Data include guaranteed direct loans sold.
- # Includes data for items not shown separately.
- ‡ Effective April 1984 SURVEY, wholesale trade data have been revised for Jan. 1978-Dec. 1983. A detailed description and the revised series appear in the report "Revised Monthly Wholesale Trade" BW-13-83s, available from the Bureau of the Census, Washington, DC 20233; \$2.50 per copy.

‡ Effective April 1984 SURVEY, retail trade data have been revised for Jan. 1978-Dec. 1983. Revised data and a summary of changes appear in the report "Revised Monthly Retail Sales and Inventories" BR-13-83s, available from the Bureau of the Census, Washington, DC 20233; \$2.75 per copy.

\* New series. Annual data for earlier periods are available upon request. Monthly data for earlier periods will be available later.

**Page S-9**

1. Advance estimate.
- # Includes data for items not shown separately.
- ◊ Effective with the January 1984 SURVEY, the seasonally adjusted labor force series have been revised back to January 1979. Revised monthly series appear in the February 1984 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.
- ‡ See note "‡" for p. S-8.
- \* New series.
- @ Data include resident armed forces.

**Page S-10**

1. This series has been discontinued.
- § These unemployment rates are for civilian workers only. The unemployment rate for all workers, including the resident armed forces, was 7.7 in Mar. 1984.
- ◊ See note "◊" for p. S-9.
- \* New series.

**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.
  - \* New series.

**Page S-12**

1. This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision. Use the corresponding unadjusted series.
2. This series has been discontinued.
3. Data are unavailable.
- ◊ Production and nonsupervisory workers.
- ‡ Earnings in 1977 dollars reflect changes in purchasing power since 1977 by dividing by Consumer Price Index.
- § Wages as of Apr. 1, 1984: Common, \$15.56; Skilled, \$20.49.
- \* New series.
- @ New series. The Employment Cost Index (ECI) is a quarterly measure of the average change in the cost of employing labor.
- † Excludes farm, household, and Federal workers.

**Page S-13**

1. Average for Dec.
2. Reported annual; monthly revisions are not available.
3. Effective December 1, 1982, there was a break in the commercial paper series because of changes in reporting panels, modifications to reporting instructions and corrections to misreported bank data.
- ‡ 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.
- # 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.

**Page S-14**

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
2. Average for the year.
3. Daily average.
4. Interest rate charged as of Apr. 1, 1984 was 10.87.
5. Effective April 1984 SURVEY, the consumer installment credit series have been revised back to July 1980 to reflect more complete benchmark data for some of the components. Revisions prior to Jan. 1984 were not available at press 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
- \* New series.

**Page S-15**

1. Beginning 1983, the reporting frequency has been changed from a monthly to a quarterly basis.
2. This series has been discontinued.
- † Effective Feb. 1984 SURVEY, the money stock measures and components have been revised back to 1959 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.
- \* New series. For "Other checkable deposits," see also note "‡" for this page.
- ‡ 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.
- @@ Annual data for 1978-82 and monthly data for 1982 have been revised to exclude private placements. Monthly revisions for 1978-81 are not available.

**Page S-16**

- § 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.
- ◇ As of Jan. 25, 1984, the base period was changed to 1982=100.

**Page S-17**

1. Beginning with Jan. 1982 data, the Customs value is being substituted for the f.a.s. value.
- # 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. See note 1 for p. S-17.
2. Annual total; quarterly or monthly revisions are not available.
3. Before extraordinary and prior period items.
4. For month shown.

5. Domestic trunk operations only (averaging about 90 percent of domestic total).
6. Restaurant sales index data represent hotels and motor hotels only.
- # Includes data for items not shown separately.
- § Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.
- ‡ Beginning Jan. 1977, Class I railroads are defined as those having operating revenues of \$50 million or more.
- ◇ 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.
- \* New series.

**Page S-19**

1. Reported annual total; monthly revisions are not available.
2. A portion of data is being withheld to avoid disclosing information for individual companies; not comparable with other published data.
3. A portion of data is being suppressed because of not meeting publication standards. For nitrogen solutions, prior to May 1983, see also note 2 for this page.
4. Figure is being suppressed because of not meeting publication standards.
- # Includes data for items not shown separately.
- § Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
- ‡ Monthly data back to 1981 have been revised and are available upon request.
- \* New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data back to 1980 are available upon request.

**Page S-20**

1. Reported annual total; monthly revisions are not available.
2. Annual total includes data for Hawaii; not distributed to the months.
- § Data are not wholly comparable from year to year because of changes from one classification to another.
- ‡ Revised quarterly data for 1981 and 1982 are available upon request.
- ◇ Effective 1983, data are based on a new sample of approximately 150 establishments, which was selected using the 1981 annual survey "Paints and Allied Products" panel as a universe frame. Comparable data for 1979-82 are available upon request.
- † Revised quarterly data for 1982 are available upon request.

**Page S-21**

1. Based on quotations for fewer than 12 months.
2. Crop estimate for the year.
3. Stocks as of June 1.
4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
5. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
6. See note "@" for this page.
7. Figure is preliminary and subject to change.
8. Quarterly estimates of rye stocks will no longer be available; however, June 1 stock estimates (representing previous year's crop) will continue to be published each year.
9. Represents stocks as of June 1, based on previous year's crop.
- § Excludes pearl barley.
- # Bags of 100 lbs.
- @ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).
- \* New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data for earlier periods are available upon request.

**Page S-22**

- § Cases of 30 dozen.
- ◇ Bags of 132.276 lbs.
- ‡ Monthly revisions for 1982 are available upon request.
- \* New series, first shown in the Mar. 1984 SURVEY. Annual and monthly indexes covering wheat for earlier periods are available upon request.

**Page S-23**

1. Crop estimate for the year.
2. Average for seven months; price not available for July, Aug., and Oct.-Dec.
3. Annual total; monthly revisions are not available.
4. Effective December 1983 SURVEY, the footwear production series have been revised back to January 1981.
5. Average for eleven months; price not available for Dec.
- # Totals include data for items not shown separately.
- \* New series, first shown in the Mar. 1984 SURVEY. Annual and monthly indexes for earlier periods are available upon request.
- † New series.

**Page S-24**

1. Annual data; monthly revisions not available.
2. Less than 500 short tons.
- † New series.

**Page S-25**

1. Annual data; monthly revisions are not available.
  2. For month shown.
- <sup>†</sup> Beginning January 1982, data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.  
<sup>\*</sup> New series.

**Page S-26**

1. Annual data; monthly revisions are not available.
  2. Less than 50 tons.
- <sup>◊</sup> Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.  
<sup>@</sup> All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.  
<sup>‡</sup> Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.  
<sup>#</sup> Includes data not shown separately.

**Page S-27**

1. Data withheld to avoid disclosing information for individual companies.
  2. Data are for five weeks; other months 4 weeks.
- <sup>#</sup> Includes data for items not shown separately.  
<sup>§</sup> Includes nonmarketable catalyst coke.  
<sup>◊</sup> Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.  
<sup>†</sup> Effective with the Nov. 1983 SURVEY, monthly revisions for 1982 are available upon request.  
<sup>\*</sup> New series. Includes U.S. produced and imported microwave ovens and combination microwave oven/ranges.

**Page S-28**

1. Reported annual totals; revisions not allocated to the months.
  2. Effective with Jan. 1983, data include road oil. Total road oil data for 1982 were (thous. bbl.): 591, domestic demand; 610, production; 47, stocks.
- <sup>†</sup> New series. First shown in March 1984 SURVEY. Earlier data are available upon request.  
<sup>\*</sup> New series, first shown in the Feb. 1984 SURVEY. Prices back to 1974 are available upon request.  
<sup>#</sup> Includes data for items not shown separately.

**Page S-29**

1. See note 1 for p. S-28.
  2. Average for 11 months; no price available for Dec. 1983.
- <sup>◊</sup> Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.  
<sup>†</sup> See note "†" for p. S-28.

**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. See note "‡" for this page.
- <sup>#</sup> Includes data for items not shown separately.  
<sup>◊</sup> Cumulative ginnings to the end of month indicated.  
<sup>§</sup> Bales of 480 lbs.  
<sup>‡</sup> Beginning Jan. 1982, shipments include those for direct export; such shipments for 1981 were 2,165 thous. gross.  
<sup>†</sup> Monthly revisions for 1981 and 1982 are available upon request.  
<sup>@</sup> Effective with the Mar. 1984 SURVEY, sales of regular basecoat and all other building plasters (including Keene's cement) have been combined to represent sales of total building plasters. For comparability, earlier published figures for these two series should be combined.

**Page S-31**

1. Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.
  2. Annual total includes revisions not distributed to the months.
  3. Average for crop year; Aug. 1-Jul. 31.
  4. For five weeks; other months four weeks.
  5. Monthly average.
  6. Less than 500 bales.
  7. Average for 9 months; no data for Oct.-Dec.
  8. Average for 10 months; no data for Jan.-Feb.
- <sup>◊</sup> 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).  
<sup>#</sup> Includes data not shown separately.  
<sup>\*</sup> New series.

**Page S-32**

1. Annual total includes revisions not distributed to the months.
  2. Production of new vehicles (thous. of units) for Mar. 1984: *passenger cars*, 784; *trucks*, 291.
  3. Effective with the Feb. 1984 SURVEY, data have been revised back to 1981 to reflect updated seasonal factors and are available upon request.
  4. Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.
  5. Effective with the April 1984 SURVEY, data have been revised back to 4th Qtr. 1980 and are available upon request.
- <sup>#</sup> Total includes backlog for nonrelated products and services and basic research.  
<sup>§</sup> Domestics 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.  
<sup>◊</sup> Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.  
<sup>†</sup> Excludes railroad-owned private refrigerator cars and private line cars.  
<sup>‡</sup> Monthly revisions for aircraft shipments and airframe weight for 1982 are available upon request. Monthly revisions for truck trailers, etc. for 1981 and 1982 are available upon request.  
<sup>@</sup> Includes passenger vans.  
<sup>\*</sup> New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data back to 1967 are available upon request.  
<sup>††</sup> Includes Volkswagens produced in the U.S.
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### New Series

Beginning with the March 1984 issue, several new series will be shown in "Current Business Statistics" (blue pages) of the SURVEY OF CURRENT BUSINESS. Some of them replace series that are no longer available or had in some way deteriorated in quality; others are additions to the earlier coverage. The new series are listed below, along with the page number on which they will regularly appear. In the months to come, descriptions for selected series will be provided on this page.

Page	Series	Page	Series
S-5	Unfilled orders for home goods and apparel; consumer staples; equipment and defense products, excluding auto; and automotive equipment are shown separately.  Several series on newspaper advertising expenditures from Media Records, Inc. have been replaced with series from the Newspaper Advertising Bureau, Inc.	S-15	for seasonally adjusted "outstanding" and "net change" have been added. Series for credit held by savings and loan institutions have also been added.  "Money market deposit accounts" and seasonally adjusted "other checkable deposits" have been added to the Monetary Statistics subsection.
S-10	The population series from the Bureau of the Census has been replaced with two series from the Bureau of Labor Statistics, "total non-institutional population" and "civilian non-institutional population," that refer to persons 16 years and over.  The unemployment rate for "Black and other" has been replaced with the rate for "Black." Unemployment rates for "Hispanic origin," "agricultural wage and salary workers," and a new occupational breakdown have been added.	S-18 S-19 S-21 S-22	Two series covering economy hotels have been added to the Travel subsection: "Average room sale" and "Rooms occupied."  "Denatured alcohol, consumption for fuel use" has been added to the Alcohol subsection.  Producer Price Indexes for butter, barley, corn, oats, and rye have been added.
S-10,11,12	The government employment series "State and local" has been replaced with a separate breakdown: "State government" and "local government."  In the Labor Force, Employment, and Earnings section, the series covering "Wholesale and retail trade" are no longer shown. "Wholesale trade" and "retail trade" are shown separately.	S-23 S-24 S-27 S-28 and S-29	Producer Price Indexes for wheat and wheat flour have been added.  Producer Price Indexes for sugar (raw and refined), and Douglas fir have been added.  Producer Price Indexes for softwood lumber, and pig iron have been added.  Shipments of microwave ovens/ranges have been added to the Electrical Equipment subsection.
S-12	Eight series for the Employment Cost Index have been added.	S-30	Discontinued monthly pulp and paper series from the Bureau of the Census have been replaced with series from the American Paper Institute.
S-13	The deposits, loans, and investment series reported by large commercial banks have been revised. The revision includes some new items and definitional changes.	S-31	"Building plasters, total" replaces the breakdown that had been shown previously in the Gypsum and Products subsection.
S-14	The prime rate charged by banks on short-term business loans has been added.  The Consumer Installment Credit subsection has been revamped. Data for extensions and liquidations are no longer available. Series	S-32	Producer Price Indexes for gray cotton broadwovens, and gray synthetic broadwovens have been added.  Unadjusted retail sales and inventories for trucks and buses have been added.

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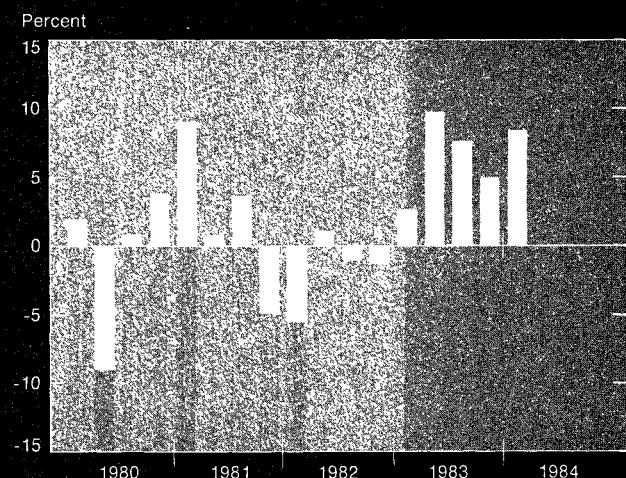


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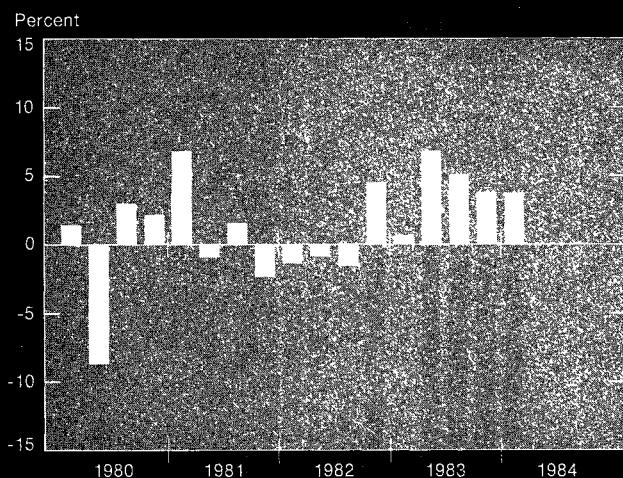
## In the first quarter

- Real GNP increased 8½ percent
- Real final sales increased 3½ percent
- GNP fixed-weighted price index increased 4½ percent
- Real disposable personal income increased 10 percent

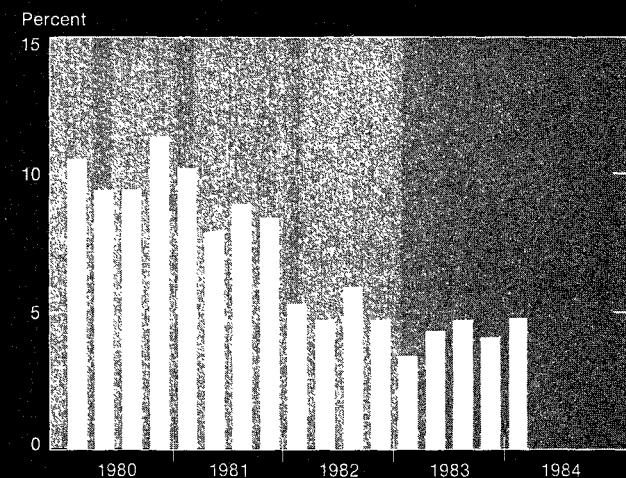
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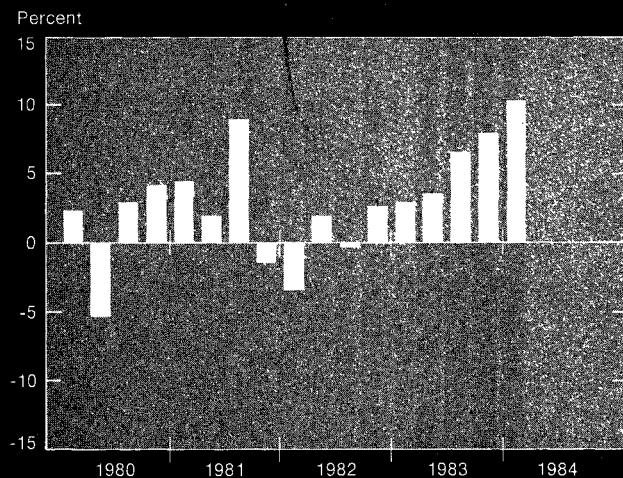
Real Final Sales



GNP Fixed-Weighted Price Index



Real Disposable Personal Income



Percent change at an annual rate from preceding quarter; based on seasonally adjusted estimates