

**SURVEY OF CURRENT BUSINESS**



## SURVEY OF CURRENT BUSINESS

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# the BUSINESS SITUATION

**R**EAL GNP increased 3 percent at an annual rate in the first quarter of 1983, after a number of quarters of poor performance ending with a 1-percent decline in the fourth quarter of 1982 (table 1 and chart 1). Inflation continued to slow; the 3-percent increase in GNP prices registered in the first quarter was the lowest in over a decade.<sup>1</sup> The unemployment rate, at 10.2 percent, remained near its postwar high in the fourth quarter.

Among the conventional components of GNP, real personal consumption expenditures (PCE) increased moderately after a strong increase in the fourth quarter. Nonresidential fixed investment—both structures and producers' durable equipment—was up after several quarters of decline. Residential investment strengthened further. Inventory liquidation was less than in the fourth quarter, so that inventories made a positive contribution to the change in GNP in the first quarter after a large

negative contribution in the fourth. The two remaining components were down: Net exports continued a long slide, and government purchases—re-

flecting the operations of the Commodity Credit Corporation (CCC)—declined after an increase in the fourth quarter.

**Table 1.—Real GNP: Change From Preceding Quarter**

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

	1982				1983
	I	II	III	IV	I
GNP.....	-5.1	2.1	0.7	-1.1	3.1
Final sales.....	.2	-.9	-1.3	5.4	.9
Personal consumption expenditures.....	2.5	2.5	.6	4.5	2.3
Durables.....	10.4	2.5	-5.4	20.2	4.8
Motor vehicles and parts.....	45.7	-3.3	-4.5	48.3	-1.1
Furniture and household equipment.....	-12.4	6.8	-3.5	5.4	4.6
Other durables.....	6.9	6.0	-11.6	1.1	21.0
Nondurables.....	-1.0	2.6	1.5	1.9	2.5
Food.....	-.6	2.9	4.1	3.4	3.2
Energy <sup>1</sup> .....	2.2	16.1	-7.4	-7.6	7.6
Clothing and shoes.....	3.8	1.1	-.1	2.0	1.4
Other nondurables.....	-9.0	-1.7	.9	1.7	-.5
Services.....	3.0	2.4	1.7	2.3	1.4
Energy <sup>2</sup> .....	6.7	-20.9	3.2	9.5	-7.5
Other services.....	2.8	3.9	1.6	1.9	1.9
Gross private domestic fixed investment.....	-6.0	-7.6	-7.2	1.8	16.9
Nonresidential.....	-5.0	-11.8	-7.6	-6.0	2.7
Structures.....	1.3	1.6	-5.2	-4.8	5.3
Producers' durable equipment.....	-7.6	-17.4	-8.8	-6.5	1.5
Autos, trucks, and buses.....	38.8	-16.7	9.1	-15.0	15.7
Other.....	-13.5	-17.5	-11.6	-5.0	-.8
Residential.....	-10.2	12.9	-5.3	39.3	83.1
Net export of goods and services.....					
Exports.....	-12.7	7.5	-16.8	-21.6	-.7
Merchandise.....	-15.3	-2.1	-16.7	-26.7	13.5
Agricultural.....	-.9	17.5	-52.5	-6.4	48.7
Nonagricultural.....	-18.9	-7.1	-2.9	-31.3	5.2
Other.....	-9.2	20.4	-16.9	-15.3	-15.3
Imports.....	-17.5	14.5	4.6	-25.4	11.0
Merchandise.....	-30.1	10.6	19.6	-24.9	19.7
Petroleum.....	-44.2	-32.7	115.3	-17.8	-69.6
Nonpetroleum.....	-28.9	14.3	15.0	-25.3	30.2
Other.....	17.6	22.5	-20.7	-26.6	-6.3
Government purchases of goods and services.....	-2.9	-5.3	8.4	12.0	-8.9
Federal.....	-5.5	-13.5	23.1	32.8	-21.1
National defense.....	-7.9	21.4	13.0	2.0	.4
Nondefense.....	-.9	-58.1	50.7	128.1	-51.7
Commodity Credit Corporation <sup>3</sup> .....					
Other.....	-4.8	-13.9	-1.7	5.6	2.7
State and local.....	1.1	.4	-.2	-.4	.7
Change in business inventories.....					

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

2. Electricity and gas.

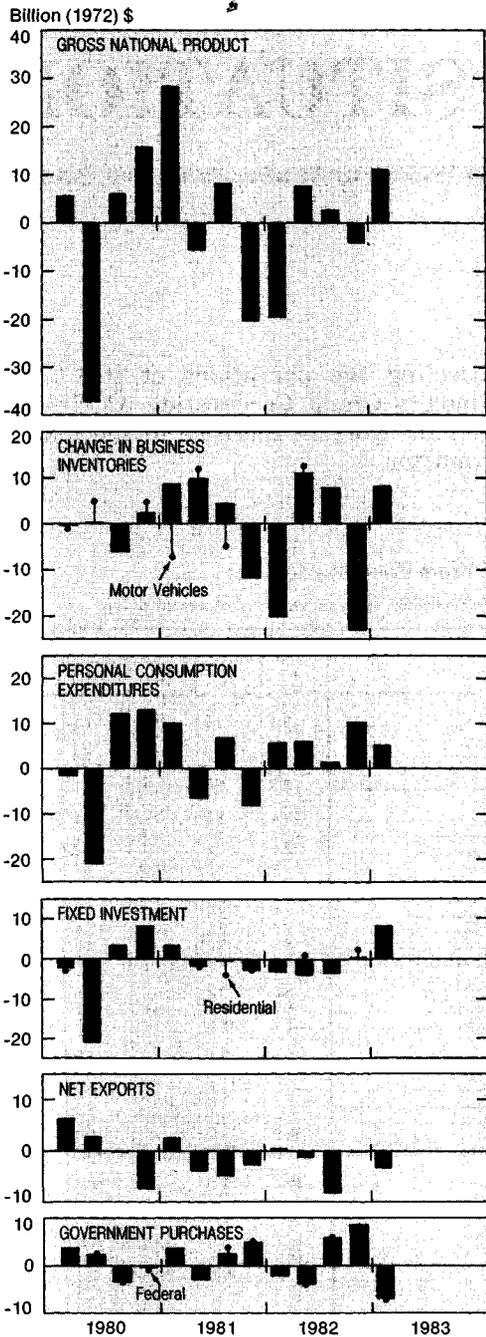
3. Estimates, in billions of 1972 dollars for the fourth quarter of 1981 through the first quarter of 1983, were: 5.7, 6.1, -0.5, 3.1, 10.8, and 3.3.

Note.—Most dollar levels are found in the National Income and Product Accounts Tables, table 1.2.

1. 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, State and local employment through March; and for *GNP prices*, the Consumer Price Index for January and February, and the Producer Price Index for January and February. Some of these source data are subject to revision.

CHART 1

### Real Product: Change From Preceding Quarter



Based on Seasonally Adjusted Annual Rates  
U.S. Department of Commerce, Bureau of Economic Analysis 83-4-1

Table 2 sheds light on the extent to which the various sectors of the economy were showing recovery. Business product (line 5)—that is, GNP less product originating in the rest of the world, households and institutions, and government—increased 4½ per-

cent at an annual rate in the first quarter after a 2-percent decline. Nonfarm business product (line 8) showed an even larger first-quarter increase as well as a larger fourth-quarter decline, as farm product declined in the first quarter after having increased in the fourth. After removing the changes in farm product and also those in the residual (the constant-dollar equivalent of the statistical discrepancy), the first-quarter increase was 6 percent and the fourth-quarter decline was 4½ percent. Housing product—that is, the product originating in owner-occupied and tenant-occupied residences—is removed from nonfarm business product to derive an aggregate that can be associated with labor variables to measure productivity and unit labor cost. That aggregate, nonfarm business product less housing (line 10), increased 6½ percent in the first quarter after a 5-percent decline.

Much of the 11½-percentage-point swing in this aggregate can be traced to two relatively small but volatile items: motor vehicle output and residential investment. The former, shown in the addendum to table 2, increased sharply in the first quarter and had declined sharply in the fourth. The latter, shown in table 1 as a component of final sales, increased much more in the first quarter than in the fourth. (Although residential investment is a component of final sales, it is a measure of production because it is on a put-in-place basis.) Nonfarm business product less housing excluding these volatile items shows a much smaller swing—5 percentage points, to an increase of only 1 percent (annual rate) in the first quarter from a 4-percent decline in the fourth.

*Prices.*—GNP prices as measured by the fixed-weighted price index increased at an annual rate of 3 percent, the lowest rate in over a decade. The slowing from the fourth-quarter increase of 5 percent was attributable to energy prices; as shown in the addenda to table 3, GNP prices exclusive of the energy components increased 4½ percent in both quarters. The prices of these components increased substantially (14 percent) in the fourth quarter and declined sub-

stantially (15½ percent) in the first. The substantial price decline that occurred in the part of energy purchased by consumers is also quantified in table 3. In the first quarter, PCE energy prices fell 15½ percent at an annual rate, due to declines in gasoline prices and, to a lesser extent, in fuel oil prices. These declines reflected the glut and accompanying price weakness in the crude oil market. In contrast, prices of natural gas and electricity continued to increase.

The low rate of increase in food prices—1 percent at an annual rate for PCE food and 2 percent for the various food components of GNP—also helped hold down the first-quarter increase in prices. In recent quarters, major factors in the relatively low rates of increase in food prices have been record or near-record U.S. harvests of several crops, in combination with weak domestic and export demand. In addition, increases in marketing costs—largely labor, packaging, and transportation—have moderated in line with prices in general.

The prices of GNP less food and energy increased 5 percent at an annual rate, the same as in the fourth quarter. In the first quarter, increases in most major categories of these prices—prices of “other PCE” and prices of goods and services purchased by investors and by government—were close to the 5 percent average. The increase in the price of nonresidential structures was an exception. This price increased ½ percent after increasing 2½ percent in the second half of 1982 and about 4½ percent in the first half. The very low rate of increase in the first quarter reflected declines in the construction costs for the oil well drilling and public utility components; construction costs for the buildings component continued to increase.

From the fourth quarter to the first, the increase in the GNP implicit price deflator, which is often used to track prices even though it is not a measure of pure price change, accelerated from 3½ percent at an annual rate to 6 percent, in contrast to the deceleration in the fixed-weighted price index. The two measures may move differently when there are sharp quarter-to-quarter changes in

Table 2.—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			1982		1983
		1982			1983	1982		1983	III	IV	I
		II	III	IV	I	III	IV	I			
1	Gross national product.....	1,478.4	1,481.1	1,477.2	1,488.5	2.7	-3.9	11.3	0.7	-1.1	3.1
2	Less: Rest-of-the-world.....	24.2	22.5	23.4	21.1	-1.7	.9	-2.3	-25.6	17.6	-33.8
3	Gross domestic product.....	1,454.1	1,458.6	1,453.7	1,467.4	4.5	-4.9	13.7	1.2	-1.3	3.8
4	Less: Households and institutions, and government.....	203.6	203.2	203.8	204.2	-4	.6	.4	-9	1.3	.8
5	Business product.....	1,250.5	1,255.4	1,249.9	1,263.2	4.9	-5.5	13.3	1.6	-1.8	4.3
6	Less: Farm.....	38.0	39.3	44.8	41.1	1.3	5.5	-3.7	15.2	68.5	-29.2
7	Residual <sup>1</sup> .....	.4	1.7	3.3	3.3	1.3	2.9	0			
8	Nonfarm business product.....	1,212.2	1,214.4	1,200.5	1,217.5	2.2	-13.9	17.0	.7	-4.5	5.8
9	Less: Housing.....	132.6	133.1	133.5	134.0	.5	.4	.5	1.4	1.4	1.5
10	Nonfarm business product less housing.....	1,079.5	1,081.3	1,066.9	1,083.4	1.8	-14.4	16.5	.7	-5.2	6.3
	Addendum: Motor vehicle output.....	55.3	56.2	48.7	55.6	.9	-7.5	6.9	6.7	-43.8	70.2

1. The residual is the constant dollar equivalent of the statistical discrepancy. For the first quarter of 1983, it is not yet available; it is assumed in this table to be the same as in the fourth quarter of 1982.

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.

quantities—that is, in weights—because the implicit price deflator, unlike the fixed-weighted price index, reflects quarter-to-quarter shifts in weights. More specifically, differences occur when there are weight shifts for components whose prices have increased more or less than the average

of GNP prices since 1972 (the valuation period). Several components—especially the change in inventories, imports of merchandise (particularly petroleum), and purchases of the CCC—contributed to the difference in movement of the two measures from the fourth quarter to the first.

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

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

	1982				1983
	I	II	III	IV	I
GNP.....	4.8	4.1	5.9	4.9	3.2
Less: Change in business inventories.....					
Equals: Final sales.....	4.8	4.1	6.0	4.9	3.2
Less: Exports.....	5.1	1.2	-1.7	.4	2.5
Plus: Imports.....	6.7	-6.7	0	.9	-3.0
Equals: Final sales to domestic purchasers.....	4.9	3.2	6.0	4.9	2.6
Personal consumption expenditures.....	4.8	3.2	7.3	5.6	1.9
Food.....	7.0	3.8	2.0	.3	.9
Energy.....	-4.6	-13.5	18.5	11.1	-15.4
Other personal consumption expenditures.....	5.9	6.1	7.3	6.5	5.3
Other <sup>1</sup> .....	4.9	3.2	3.9	3.6	3.9
Nonresidential structures.....	4.4	4.8	2.3	2.3	.7
Producers' durable equipment.....	5.5	6.1	5.7	2.3	3.3
Residential.....	2.6	-3.4	.1	-5.0	6.1
Government purchases.....	5.8	4.0	4.7	6.6	4.1
Addenda: Food and energy components of GNP <sup>2</sup> —					
Food components <sup>3</sup> .....	6.6	3.8	1.2	-.8	2.0
Energy components <sup>4</sup> .....	-5.6	-9.6	19.1	13.9	-15.5
GNP less food components.....	4.5	4.1	6.7	5.8	3.5
GNP less energy components.....	5.5	5.0	5.1	4.3	4.3
GNP less food and energy components.....	5.3	5.2	5.8	5.2	4.8

1. Index number levels for the fourth quarter of 1981 through the first quarter of 1983 were: 222.5, 225.2, 227.0, 229.2, 231.2 and 233.5.

2. 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.

3. 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.

4. 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.

5. The Federal pay raise accounted for 0.4 percentage points of the increase in the index for GNP in the fourth quarter of 1982.

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

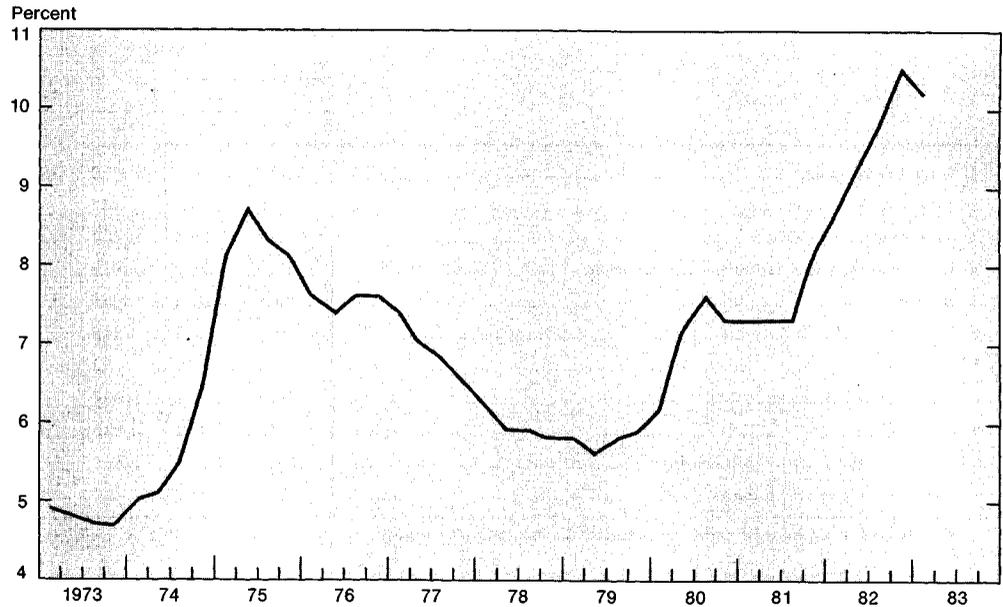
*Labor market conditions.*—Labor markets improved in the first quarter. The payroll measure of employment, based on payroll records for wage and salary workers in nonagricultural establishments, increased 105,000 in the first quarter after declining 640,000 in the fourth (table 4). The increase was more than accounted for by the service-producing industries, in which employment increased 139,000 after a fourth-quarter decline of 66,000. Within that group, employment increased in services; retail trade; and finance, insurance, and real estate. Manufacturing employment, which had declined 474,000 in the fourth quarter and had accounted for three-fourths of the total decline, increased 20,000 in the first quarter. The increase was centered in transportation equipment and in electric and electronic equipment. Average weekly hours for the private nonfarm economy increased 0.1 hour to 34.8; except for a similar increase in the second quarter of 1982, average hours

have not increased, on a quarterly basis, since late 1980.

The household measure of employment—which includes not only paid nonagricultural workers but also unpaid, agricultural, and self-employed workers, as well as the resident Armed Forces—declined 44,000 in the first quarter, after declining 483,000 in the fourth. The unemployment rate declined 0.3 percentage point to 10.2 percent (chart 2). The unemployment rates for adult men and adult women declined 0.3 and 0.1 percentage points, respectively, to 9.7 and 8.9 percent, and the rate for teenagers dropped 1.5 percentage points to 22.8 percent. The number of “discouraged workers”—those not seeking employment because they do not believe they could find any—dropped 85,000 in the first quarter after increasing 211,000 in the fourth.

**Costs and productivity.**—Table 5 shows changes in real gross product, aggregate hours, and compensation in the business economy other than farm and housing. The first-quarter increase of 6½ percent (annual rate) in real product was mentioned earlier, and an increase in aggregate

### Unemployment Rate



Note.—Includes the resident Armed Forces.

Data: BLS.

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

83-4-2

Table 4.—Employment by Industry

[Seasonally adjusted; thousands]

	Change		1983: I
	1982: III-IV	1982: IV-1983: I	
<b>Total, nonagricultural establishments.....</b>	<b>-640</b>	<b>105</b>	<b>88,836</b>
Goods-producing.....	-574	-34	23,068
Mining.....	-40	-38	1,009
Construction.....	-60	-15	3,828
Manufacturing.....	-474	20	18,232
Durable goods.....	-431	28	10,606
Primary metal products.....	-71	-4	812
Fabricated metal products.....	-61	2	1,370
Machinery, except electrical.....	-125	-46	2,066
Electric and electronic equipment.....	-49	12	1,971
Transportation equipment.....	-79	44	1,694
Other.....	-46	20	2,693
Nondurable goods.....	-43	-8	7,626
Food and kindred products.....	8	-10	1,631
Apparel and other textile products.....	-3	4	1,139
Printing and publishing.....	-2	5	1,271
Chemicals and allied products.....	-10	-6	1,052
Other.....	-37	0	2,533
Service-producing.....	-66	139	65,768
Transportation and public utilities.....	-39	-54	4,940
Wholesale trade.....	-54	-35	5,194
Retail trade.....	-104	107	15,272
Finance, insurance, and real estate.....	4	33	5,399
Services.....	61	114	19,233
Government.....	67	-25	15,731

Source: Bureau of Labor Statistics.

hours was suggested by the improvement in employment and average weekly hours just mentioned. The strong increase in product in combination with a smaller increase in hours (1 percent) yields a 5½-percent increase in productivity as measured by real product per hour. Such a large increase had not been registered since the first quarter of 1981, during the recovery from the 1980 recession.

The increase in compensation included the effect of an increase in em-

ployer contributions for social security due to an increase in the taxable wage base from \$32,400 to \$35,700 and an increase in employer contributions for State unemployment insurance. Even though the increase in compensation was relatively large (7½ percent at an annual rate), with the 6½-percent increase in product, the increase in unit labor cost was quite small—only 1 percent.

Table 5.—Real Gross Product, Hours, and Compensation in the Business Economy Other Than Farm and Housing: Change From Preceding Quarter

[Percent change at annual rates; based on seasonally adjusted estimates]

	1982				1983
	I	II	III	IV	I
Real gross product.....	-4.3	0.6	0.7	-5.2	6.3
Hours.....	-4.7	-7	-2.9	-5.0	1.0
Compensation.....	2.6	5.9	3.7	-2	7.5
Real gross product per hour.....	4	1.3	3.6	-3	5.3
Compensation per hour.....	7.7	6.7	6.8	5.0	6.5
Unit labor cost.....	7.3	5.3	3.0	5.3	1.1

1. Increases in employer contributions for social security accounted for 0.6 percentage points of the increase in compensation per hour in the first quarter of 1982. Increases in employer contributions for social security and for unemployment insurance accounted for 1.1 percentage points of the increase in the first quarter of 1983.

### Personal income and its disposition

The increase in personal income decelerated to \$24½ billion from \$31½ billion in the fourth quarter (table 6).<sup>2</sup> Wage and salary disbursements were up sharply, and personal interest income increased following a decline, but proprietors' income and transfer payments both declined after strong increases.

Wage and salary disbursements increased \$23 billion, after an increase of only \$4½ billion in the fourth

2. 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.

Table 6.—Personal Income and Its Disposition: Change From Preceding Quarter

(Billions of dollars; based on seasonally adjusted annual rates)

	1982			1983
	II	III	IV	I
Wage and salary disbursements.....	15.0	13.4	4.5	23.2
Manufacturing.....	.5	-1.9	-8.0	7.3
Other commodity-producing.....	-1.2	-1.6	-.6	1.0
Distributive.....	4.0	3.0	.4	2.9
Services.....	8.1	10.2	7.1	8.1
Government and government enterprises.....	3.5	3.5	5.6	4.0
Proprietors' income.....	.9	1.0	10.6	-.5
Farm.....	-.5	-.7	7.5	-5.7
Nonfarm.....	1.4	1.8	3.1	5.2
Personal interest income.....	12.3	6.2	-3.6	3.0
Transfer payments.....	10.7	15.8	16.8	-2.6
Other income.....	4.0	4.5	3.3	5.1
Less: Personal contributions for social insurance.....	.7	1.1	.1	3.9
<b>Personal income.....</b>	<b>42.1</b>	<b>39.8</b>	<b>31.5</b>	<b>24.3</b>
Less: Personal tax and nontax payments.....	7.7	-6.7	5.3	1.7
Impacts of legislation.....	-4.8	-18.4	-2.8	-11.0
Other.....	12.5	11.7	8.1	12.7
<b>Equals: Disposable personal income.....</b>	<b>34.4</b>	<b>46.6</b>	<b>26.2</b>	<b>22.7</b>
Less: Personal outlays.....	29.2	38.9	44.8	24.2
<b>Equals: Personal saving.....</b>	<b>5.2</b>	<b>7.6</b>	<b>-18.6</b>	<b>-1.5</b>
Addenda: Special factors in personal income—				
Cost-of-living increases in Federal transfer payments.....	2.4	12.0	1.2	
Social security base change (in personal contributions for social insurance).....				1.9
Subsidies to farmers.....	-1.1	-1.1	6.4	-3.3
Federal pay raise.....			2.7	.1
Federal employee contributions to Medicare under social security.....				.8
Property damage (see text).....			-1.4	

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

quarter. A turnaround in manufacturing—from an \$8 billion decline to a \$7½ billion increase—largely accounted for the pickup. The turnaround was centered in durables and reflected improvements in both employment and hours. As noted earlier, after a sharp drop in the fourth quarter, employment in manufacturing was up in the first. Average weekly hours, which had declined slightly in the fourth quarter, increased strongly in the first. Average hourly earnings continued their uptrend. Wages and salaries in the other commodity-producing industries, principally mining and construction, were up slightly as declines in employment slowed. Pick-ups in wages and salaries in the distributive industries and in the service industries were mainly accounted for by larger increases in employment. The increase in government wages and salaries, which had been boosted in the fourth quarter by a \$2½ billion pay raise for Federal employees, returned to about the rate of recent

quarters in which there had been no pay raise.

Personal interest income increased \$3 billion, after declining \$3½ billion in the fourth quarter. A flattening of short-term interest rates after two quarters of sharp deceleration contributed to the turnaround. The rate on large-denomination, negotiable 6-month certificates of deposit had fallen from 14 percent in the middle of the second quarter of 1982 to 9 percent in the middle of the fourth. Short-term rates steadied in the first quarter of 1983; the mid-quarter rate on large-denomination certificates remained at 9 percent. The fact that personal interest income increased in the first quarter, rather than flattening as did interest rates, is traceable to one of its components—property income of private noninsured pension funds and life insurance carriers—that is not interest sensitive; this component increased in the first quarter in line with its trend.

Farm proprietors' income fell \$5½ billion, after a \$7½ billion increase in the fourth quarter. Most of the swing was accounted for by the timing of subsidy payments by the CCC. A \$6½ billion step-up in payments in the fourth quarter reflected not only regularly scheduled payments but also a speed-up in payments that ordinarily would have been made in the first quarter. First-quarter payments to farmers declined \$3½ billion. Other farm income continued to slide; receipts from marketings fell in the first quarter, as a decrease in farm production more than offset an upturn in farm prices. The step-up in nonfarm proprietors' income was mainly in construction and retail trade.

Transfer payments declined \$2½ billion, after increasing \$17 billion in the fourth quarter. The fourth-quarter increase in social security payments had been unusually large, partly reflecting retroactive payments and a resumption of payments to college students. Unemployment insurance benefits, which had increased \$6½ billion in the fourth quarter, declined \$4 billion in the first. The drop-off was both in regular benefits and in supplemental extended benefits authorized under the Tax Equity and Fiscal Responsibility Act of 1982 (TEFRA). Increases in other Federal benefit programs, primarily food stamps, slowed in the first quarter.

Personal contributions for social insurance, which are subtracted in deriving the personal income total, were stepped up \$4 billion after changing little in the fourth quarter. The increase in the social security taxable wage base, effective January 1, accounted for \$2 billion of the step-up. (The social security tax rate for employees, at 6.70 percent, was not changed.) Also on January 1, Federal employees began to contribute to Medicare under social security; these contributions accounted for \$1 billion of the step-up.

Personal income in the fourth quarter was reduced \$1½ billion as a result of hurricane damage in Hawaii and of extensive flooding in the Mississippi River Basin. This property

damage is reflected in the proprietors' and rental income components. If allowance is made for this and for the other special factors listed as addenda to table 6, the first-quarter increase in personal income would have exceeded that in the fourth quarter.

The increase in personal tax and nontax payments slowed to \$1½ billion from \$5½ billion in the fourth quarter. In the fourth quarter, legislative reductions under the Economic Recovery Tax Act of 1981 (ERTA) amounted to \$3 billion. In the first quarter, reductions under ERTA—primarily the effect of earlier rate reductions, the married couples deduction, and the all savers' exclusion—amounted to \$14½ billion. These reductions were partly offset by increases amounting to \$2½ billion under TEFRA. Reflecting the step-up in wages and salaries, the increase in taxes due to increases in the tax base accelerated to \$12½ billion from \$8 billion in the fourth quarter.

Disposable personal income increased \$22½ billion, or 4 percent at an annual rate, in the first quarter, only a little less than in the fourth quarter, but considerably less than in the third. In real terms, however, the first-quarter increase in disposable income was 2 percent—up from increases of ½ percent in the fourth quarter and 1½ percent in the third. The relatively better performance of real disposable income in the first quarter reflected the slowing in prices paid by consumers. In the first quarter, the PCE deflator, which is used to calculate the real measure, increased only 2½ percent, compared with increases of 4½ and 7½ percent in the two previous quarters.

The increase in personal outlays decelerated sharply in the first quarter, but still exceeded the increase in disposable personal income. As a result, personal savings continued to decline, but considerably less than in the fourth quarter. The personal saving rate was down slightly to 5.9 percent from 6.0 percent.

*Real PCE.*—PCE increased at an annual rate of 2½ percent compared with 4½ percent in the fourth quarter. The deceleration was due to motor vehicles, as new car sales showed little change after a large in-

crease in the fourth quarter. As described in last month's "Business Situation," fourth-quarter sales had been boosted by below-market installment loan rates—under 11 percent—offered by major automakers through their financial subsidiaries. In the first quarter, rates about 1 percentage point higher were offered.

Other real PCE continued to show moderate increases. Improvement in expenditures on household furniture and equipment in the fourth and first quarters appears to be related to recovery in housing markets. Gasoline and oil increased substantially in the first quarter. In 1982, gasoline purchases registered both quarterly increases and declines, but relative to 1981, an uptrend appears to have gotten under way. The absence of a sharp runup in gasoline prices probably was a major factor. Services again registered only a small increase. A smaller increase than in the fourth quarter was largely due to electricity and gas. Expenditures on home heating declined in the first quarter, due to unusually mild winter weather in some parts of the country.

### *Real investment*

Residential investment increased even more strongly than in the fourth quarter—over 80 percent at an annual rate, compared with about 40 percent. Construction of single-family units continued to strengthen, construction of multifamily units picked up, and the "other" component—consisting of additions and alterations, brokers' commissions on the sale of new and existing residences, and mobile home sales—increased substantially although less than in fourth quarter. As discussed in last month's "Business Situation," housing starts and sales of both new and existing residences have responded to the continuing improvement in the financial conditions affecting housing.

Nonresidential investment increased 2½ percent at an annual rate after several quarters of decline. If the increase is the beginning of a recovery in investment, it is somewhat earlier than suggested by most interpretations of major factors that influ-

ence investment, such as capacity utilization and corporate profits, or by the BEA plant and equipment expenditure survey. The survey of plans taken in late January and February, as reported in last month's SURVEY OF CURRENT BUSINESS, indicated declines in both the first and second quarters of 1983 (although smaller ones than in the third and fourth quarters of 1982) before an upturn in the second half.

Nonresidential construction increased 5½ percent at an annual rate after two quarters of decline. The increase was largely due to construction of commercial buildings other than offices. This category, which includes stores and warehouses, had declined steadily over the past year. Weakness persisted in industrial construction and in oil well drilling, although in the latter the decline was smaller than earlier. Public utility construction was down again.

Producers' durable equipment increased 1½ percent at an annual rate. The increase was in motor vehicles, where both autos and trucks increased after fourth-quarter declines. Other producers' durable equipment changed little after sliding since the first quarter of 1982. Declines were less widespread among the major categories than in the fourth quarter, and those in metalworking machinery and communications equipment were smaller; computers again increased substantially.

The liquidation of business inventories continued in the first quarter, but at a slower rate than in the fourth (table 7). The slowdown from \$20½ billion to \$12½ billion accounted for \$8 billion of the increase in first-quarter GNP. Most of the slowdown was in motor vehicle inventories; they decline \$1 billion after a \$7½ billion decline in the fourth quarter, when excess stocks of 1982 model cars and trucks were liquidated. Other inventories were run off sharply in both quarters. The liquidation was concentrated in manufacturing durables—especially in primary and fabricated metals and in electrical and nonelectrical machinery—and in wholesale durables; most other categories declined slightly or changed little.

The reductions in inventories, in combination with improvements in sales, have brought inventory-sales ratios down sharply. The ratio of constant-dollar business inventories to total business final sales declined 0.14 points over the last two quarters to 3.15; in the first three quarters of 1982 it had averaged 3.28. The ratio of nonfarm business inventories to final sales of goods and structures declined 0.24 points to 4.41; in the first three quarters of 1982 it had averaged 4.61.

### Real net exports

Net exports continued their 3-year slide, over which they were halved. (See "Net Exports of Goods and Services, 1980-82" in the March issue of the SURVEY.) In the first quarter, they declined \$3 billion, as imports increased and exports changed little. In

the fourth quarter, net exports had changed little, as both exports and imports declined by large amounts.

The balance on goods changed by relatively small amounts—declines of \$1 billion and \$½ billion in the first and fourth quarters, respectively—as exports and imports registered largely offsetting swings from declines to increases. Part of the swing in exports was in agricultural exports, which increased substantially in the first quarter, partly due to increased shipments of wheat. Nonagricultural exports had registered a decline of \$5½ billion—widely spread among end-use categories—in the fourth quarter, and increased \$½ billion in the first. Improvement was particularly sharp in motor vehicles shipped to Canada and in aircraft. The swing in imports was more than accounted for by nonpetroleum imports. In the first quarter, most categories increased—with especially strong increases in automotive

products, capital goods, and consumer goods—after declines in the fourth quarter.

The balance on services declined \$2 billion after no change in the fourth quarter. Receipts of investment income declined more than in the fourth quarter, and payments declined less.

### Government purchases

Real government purchases declined 9 percent at an annual rate after a 12-percent increase in the fourth quarter. The first-quarter decline and the swing from the fourth quarter were due to the operations of the CCC. Defense purchases, Federal nondefense purchases other than CCC, and State and local purchases each showed little or no change in both quarters.

Real CCC purchases declined \$7½ billion after a fourth-quarter increase of \$7½ billion. In the fourth quarter, farmers had responded to low market prices for crops by placing substantial amounts—mainly of soybeans, corn, cotton, and wheat—under loan. In the first quarter, they placed much less of these crops under loan.

*The Federal sector.*—Changes in current-dollar Federal receipts and expenditures on a national income and product accounts basis are shown in table 8. Among expenditures, the sources of the large first-quarter changes have already been referred to. In current dollars, purchases declined \$7 billion, transfer payments declined \$6 billion, and subsidies less the current surplus of government enterprises declined \$5 billion. These declines, together with smaller and partly offsetting changes in net interest paid and grants-in-aid, totaled \$17 billion.

Among receipts, two of the sources of change were mentioned earlier. A \$1 billion decline in personal tax and nontax payments reflected reductions under ERTA, and a \$9½ billion increase in contributions for social insurance reflected the increase in the taxable wage base for social security, the beginning of Federal employee contributions to Medicare under

Table 7.—Change in Business Inventories  
[Billions of 1972 dollars; seasonally adjusted at annual rates]

	Level				Change from preceding quarter		
	1982			1983	1982		1983
	II	III	IV	I	III	IV	I
Change in business inventories.....	-4.4	3.4	-20.3	-12.4	7.8	-23.7	7.9
Motor vehicles.....	4.3	6.3	-7.7	-8	2.0	-14.0	6.9
Other.....	-8.7	-2.9	-12.6	-11.6	5.8	-9.7	1.0

Table 8.—Federal Government Receipts and Expenditures, NIPA Basis: Change From Preceding Quarter

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

	1982				1983
	I	II	III	IV	I
<b>Receipts</b> .....	-15.8	7.1	-3.3	1.3	n.a.
Personal tax and nontax receipts.....	-1.0	5.9	-10.2	3.6	-1.0
Corporate profits tax accruals.....	-12.6	-1.3	4.6	-2.5	n.a.
Indirect business tax and nontax accruals.....	-8.6	1.2	1.0	-1	.7
Contributions for social insurance.....	6.4	1.3	1.4	.2	9.5
<b>Expenditures</b> .....	1.0	8.2	33.1	49.5	-17.0
Purchases of goods and services.....	-9	-5.4	14.7	19.7	-6.8
National defense.....	-8	10.0	6.5	6.7	2.3
Nondefense.....	-1	-15.4	8.2	13.1	-9.1
Transfer payments.....	2.5	9.6	14.6	17.9	-5.8
Grants-in-aid to state and local governments.....	-6	2.0	-3.0	2.6	1.2
Net interest paid.....	.7	3.1	5.9	.3	-4
Subsidies less current surplus of government enterprises.....	-9	-1.0	.9	8.9	-5.2
Less: Wage accruals less disbursements.....	-1	.2	0	0	0
<b>Surplus or deficit (-), national income and product accounts.....</b>	<b>-16.7</b>	<b>-1.2</b>	<b>-36.4</b>	<b>-48.1</b>	<b>n.a.</b>

n.a. Not available.

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

social security, and the increase in the tax base for State unemployment insurance. Indirect business taxes were up \$½ billion, partly due to increases in telephone and cigarette excise taxes under TEFRA. Estimates of corporate profits, and thus of corporate profits tax accruals, are not yet available. It is quite likely that there was a turnaround in profits and that accruals increased. If this is assumed, total receipts were up substantially.

With the decline in expenditures and an increase in receipts, the deficit on a national income and product accounts basis was reduced substantially from the \$204 billion recorded in the fourth quarter.

### Corporate Profits, Fourth Quarter and Year 1982

In the fourth quarter of 1982, corporate profits from current production—profits with inventory valuation and capital adjustments—decreased \$1½ billion to \$164½ billion. (The fourth-quarter estimate is \$3 billion lower than the one published a month ago. Downward revisions in the profits of most domestic nonfinancial industries more than accounted for the revision.) Although the change in the total was relatively small, changes in profits of major groupings of corporations were large.

Domestic profits of nonfinancial corporations decreased \$11 billion to \$114½ billion in the fourth quarter. The decrease was centered in manufacturing, where nearly all industries registered decreases in profits or increases in losses; the largest decrease was in motor vehicle manufacturing.

Domestic profits of financial corporations increased \$4½ billion to \$29½ billion. The increase resulted from sharp reductions in the losses registered by savings and loan associations and by mutual savings banks and from a modest increase in the profits of commercial banks. These changes more than offset a decrease in the profits of Federal Reserve banks.

Profits from the rest of the world increased \$4½ billion to \$21 billion.

This measure is calculated as earnings on U.S. corporations' foreign assets (receipts) less earnings on foreign corporations' U.S. assets (payments). The fourth-quarter increase was the result of both an increase in receipts and a decrease in payments.

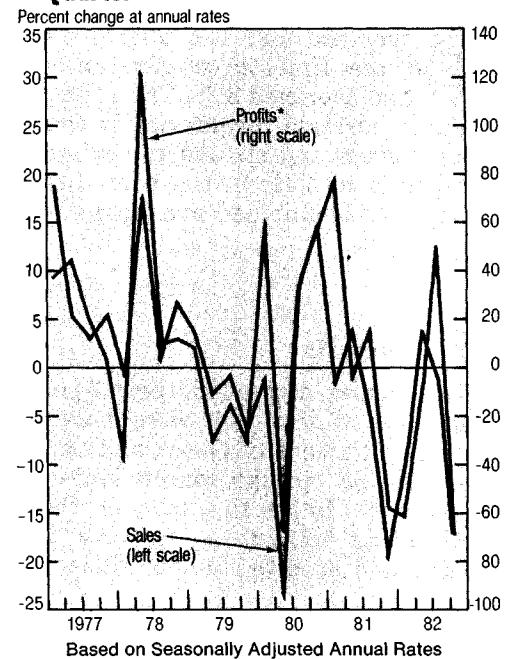
#### Developments during 1982

Profits decreased very sharply in the first quarter of 1982 and fluctuated moderately thereafter, remaining at levels well below their 1981 level of \$190½ billion. For the year 1982, profits totaled \$161 billion, the lowest level since 1976. Decreases in domestic profits of nonfinancial corporations and in profits from the rest of the world accounted for nearly all of the decrease in the first quarter of 1982 and more than accounted for the decrease from 1981 to 1982.

Decreases in manufacturing profits accounted for most of the decrease in the first quarter of 1982 in domestic nonfinancial profits, as well as for most of the year-to-year decrease. Quarter-to-quarter fluctuations in profits of manufacturing corporations were closely related to fluctuations in constant-dollar manufacturing sales. This relationship is shown for total manufacturing in chart 3 and can be seen for individual industries by comparison of tables 9 and 10.

In addition to reflecting the pattern of constant-dollar sales, the pattern of profits also reflected a variety of other factors. Widening losses of primary metals manufacturers in the first and second quarters reflected decreasing prices for nonferrous metals, while smaller losses in the third quarter reflected increased prices. Large losses registered by motor vehicle manufacturers in the first and fourth quarters reflected the costs of consumer incentive programs, which were designed to reduce excessive dealer inventories. Petroleum manufacturers' profits were more closely linked to swings in the prices of crude oil and refined petroleum product prices than to the small changes in their constant-dollar sales. The impact of prices on their profits is the major reason why the third quarter appears as an exception to the close

**CHART 3**  
**Corporate Profits and Constant-Dollar Sales for Manufacturing: Percent Change From Preceding Quarter**



relationship between total manufacturing profits and constant-dollar sales. In that quarter, as seen in chart 3, a small decrease in sales was paired with a large increase in manufacturing profits. Most of the increase in profits was due to an increase in the profits of petroleum manufacturing corporations. Refineries' margins increased, as wholesale prices for petroleum products increased sharply while their costs for crude oil increased slightly. Profits of food manufacturers were affected by their tendency to pass on changes in crude food prices to processed food prices less than fully and with a lag. In the first half of 1982, crude food prices rose more rapidly than processed food prices; in the second half, crude food prices fell more rapidly.

Domestic profits of financial corporations decreased slightly in the first quarter, then increased steadily for the rest of the year. By the fourth quarter, they were nearly half again as high as they had been a year earlier. The fourth-to-fourth-quarter in-

crease resulted from steady reductions in the losses registered by savings and loan associations and by mutual savings banks. These thrift institutions benefited from falling interest rates, which lowered the interest costs of attracting deposits more rapidly than interest rates were reduced on their assets, most of which are long-term instruments with fixed interest rates. Profits of Federal Reserve banks increased in the first quarter then decreased steadily as average interest rates received on their holdings of short-term Federal debt instruments fell rapidly.

Profits from the rest of the world decreased sharply in the first quarter and fluctuated moderately thereafter. The pattern reflected continuing recessions in most major industrial countries. The first-quarter decrease was due to decreases on both the petroleum and nonpetroleum foreign activities of U.S. corporations. Thereafter, profits fluctuations related to petroleum and nonpetroleum activities were partly offsetting.

*Other profits measures.*—Profits before tax also decreased very sharply in the first quarter of 1982 and fluctuated moderately thereafter. They totaled \$175 billion for the year, the lowest level since 1976; in 1981 these profits were \$232 billion. These profits exclude the inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj). Inventory profits—the IVA with sign reversed—decreased sharply in the first quarter and increased moderately thereafter. Inventory profits in 1982 were \$9 billion, well below their \$24½ billion level in 1981.

The profits component attributable to the misdepreciation of capital—the CCAdj with sign reversed—decreased each quarter of 1982, and became negative in the fourth quarter.<sup>3</sup> These

3. The capital consumption adjustment places the using up in production of fixed capital on a consistent basis with respect to service lives (85 percent of Internal Revenue Service Bulletin F for equipment and nonresidential structures) and depreciation formulas (straight line). It also values fixed capital used up in production at replacement cost, the valuation concept underlying national income and product accounting, rather than at historical cost, the concept generally underlying business accounting.

**Table 9.—Manufacturing Corporate Profits With Inventory Valuation Adjustment and Without Capital Consumption Adjustment**

[Billions of dollars; seasonally adjusted at annual rates]

	1981: IV	Change from preceding quarter				1982: IV
		1982				
		I	II	III	IV	
Manufacturing .....	73.7	-16.0	-1.1	6.0	-16.0	46.7
Durable goods .....	18.9	-9.8	3.6	-5	-12.1	0
Primary metal industries .....	.7	-3.8	-3.4	1.0	-.4	-5.9
Fabricated metal products .....	3.4	1.0	-.6	.9	-1.7	3.1
Machinery, except electrical .....	9.9	-1.6	-3.5	-1.0	-1.9	1.8
Electrical machinery .....	4.3	-.7	.1	.5	-1.5	1.7
Motor vehicles .....	-1.8	-2.3	7.4	-.1	-4.6	-1.4
Other .....	2.4	-2.4	3.5	-.8	-2.1	.7
Nondurable goods .....	54.7	-6.1	-4.7	6.6	-3.8	46.7
Food and kindred products .....	8.1	-1.4	-.4	.7	-.2	6.7
Chemicals and allied products .....	7.8	-1.3	-.7	-.7	-1.0	4.1
Petroleum and coal products .....	24.7	.7	-5.0	5.4	-3.4	22.5
Other .....	14.1	-4.1	1.4	1.1	.8	13.3

**Table 10.—Constant-Dollar Manufacturing Sales**

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

	1981:IV	Change from preceding quarter				1982:IV
		1982				
		I	II	III	IV	
Manufacturing .....	854.4	-19.5	7.9	-3.8	-38.8	800.0
Durable goods .....	464.5	-16.9	4.9	-7.2	-30.0	415.1
Primary metal industries .....	49.7	-3.4	-2.7	-1.7	-4.2	37.8
Fabricated metal products .....	49.0	-.6	1.6	-.7	-4.9	44.3
Machinery, except electrical .....	106.3	-3.8	-5.9	-4.1	-3.6	88.9
Electrical machinery .....	82.5	-1.5	1.9	-.9	-3.5	78.5
Motor vehicles .....	47.4	-2.6	9.7	1.6	-12.6	43.5
Other .....	129.6	-5.0	.3	-1.5	-1.2	122.2
Nondurable goods .....	389.9	-2.6	3.0	3.4	-8.8	384.8
Food and kindred products .....	132.4	2.5	-.5	.5	-1.0	133.9
Chemicals and allied products .....	67.7	-1.2	2.1	.8	-2.2	67.2
Petroleum and coal products .....	31.7	-1.7	3.2	-.8	-1.8	30.6
Other .....	158.1	-2.2	-1.8	2.9	-3.8	153.2

profits were \$5 billion in 1982, well below their \$17 billion level in 1981. The decreases reflected the effects of provisions of ERTA permitting the use of shorter service lives for measuring the depreciation on new capital (as reported to the Internal Revenue Service), which is a deduction from receipts in the calculation of corporate profits. As corporations depreciate increasing amounts of capital using the shorter service lives, the component of the CCAdj that adjusts tax return depreciation to consistent service lives becomes increasingly positive. The effects of ERTA have progressively reduced profits attributable to the misdepreciation of capital by somewhat

more than \$2 billion per quarter, beginning with the first quarter of 1981. The decreases were also consistent with rates of inflation in prices for fixed nonresidential investment that were lower than those experienced over the service lives of the assets. Such lower rates of inflation lead to less negative values for the portion of the CCAdj that revalues fixed capital used up in production from historical cost to replacement cost.

*Disposition of profits.*—Corporate profits taxes, which are levied on profits including inventory profits and profits attributable to misdepreciation, were \$57½ billion in 1982, well

below the \$81 billion registered in 1981. The decrease reflected lower profits and a decrease in the share of domestic profits taken by the Federal Government. Excluding the profits of the Federal Reserve banks (almost all

of which are returned to the Treasury and are treated as corporate profits taxes in the national income and product accounts) from taxes and profits, the share decreased from 27 percent in 1981 to 22 percent in 1982.

Dividends continued their 7-year up-trend, increasing in each quarter of 1982. Dividends were \$70½ billion in 1982, up from \$65 billion in 1981. Undistributed profits were \$47 billion in 1982, down from \$86 billion in 1981.

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## Summary of BEA Working Paper

### "Measuring Nonmarket Economic Activity: BEA Working Papers"

THE six papers in this volume are part of the literature that recognizes that national economic well-being is derived from more than the marketed goods and services included in the national income and product accounts. They were written in 1979-81 to present preliminary research done at BEA on: (1) measuring the use of time in market and nonmarket activities, (2) valuing household work, (3) valuing services of consumer durables, (4) valuing services of government capital, (5) measuring investment in education and training, and (6) valuing the stock of natural resources.

"The Use of Time: A Classification Scheme and Estimates for 1975-76" *By John H. Gates and Martin Murphy*

This paper presents data on time use in 1975-76, classified as time devoted to market work, household work, human capital investment (e.g., education), travel, leisure, and maintenance (e.g., eating and sleeping). The classification scheme is discussed and variation in time use by age, sex, marital status, education, family income, and other socioeconomic characteristics is examined.

"The Value of Household Work in the United States, 1976" *By Martin Murphy*

This paper presents aggregate and per-person estimates of the value of household work by all persons 6 years of age and older in 1976. The estimates are derived using several valuation methods, and estimates vary widely by method.

"The Value of Services Provided by the Stock of Consumer Durables, 1947-79: Alternative User Cost Measures" *By Arnold J. Katz*

This paper presents user cost estimates of the service value, net return, and depreciation on the stock of consumer durables for 1947-79. Estimates are derived using alternative assumptions about the relative value of the services of old and new durables and the expected rate of inflation. These estimates are compared with each other and revised opportunity cost estimates.

"The Value of Services Provided by the Stock of Government-Owned Fixed Capital, 1948-79" *By Frank Martin, J. Steven Landefeld, and Janice Peskin*

This paper discusses alternative approaches to the measurement of the service value of government capital and presents alternative estimates for 1948-79. The focus of the paper is on the evaluation of conceptual and empirical difficulties associated with alternative approaches.

"Education and Training Costs: A Measurement Framework and Estimates for 1965-79" *By John H. Gates*

This paper presents estimates of education and training costs for 1965-79 by "institution," i.e., schools, businesses, government-sponsored training programs, and households. These costs consist of expenditures, cost of capital services (e.g., depreciation), and time costs. The view taken is that these costs represent investment, and their magnitude is compared with that of gross private domestic investment.

"Valuing Non-Renewable Natural Resources: The Mining Industries" *By J. Steven Landefeld and James R. Hines*

This paper compares three approaches to valuing the discovery and use (i.e., depletion) of non-renewable natural resources in the mining industries. The focus is on the evaluation of conceptual difficulties associated with alternative approaches.

This volume of 168 pages is BEA Working Paper 2. Copies may be ordered from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161. The price is \$16.00, and the order accession number is PB 83-167-395.

## National Income and Product Accounts Tables

New estimates in this issue: Fourth quarter and annual 1982, revised.

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 1977-81 and corrections for earlier years are in the July 1982 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								
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates							
			1981	1982				1983			1981	1982	1981	1982				1983
				IV	I	II	III							IV	I <sup>P</sup>	IV	I	
<b>Gross national product</b> .....	2,937.7	3,059.3	3,003.2	2,995.5	3,045.2	3,088.2	3,108.2	3,176.7	1,502.6	1,476.9	1,490.1	1,470.7	1,478.4	1,481.1	1,477.2	1,488.5		
<b>Personal consumption expenditures</b> .....	1,843.2	1,971.1	1,884.5	1,919.4	1,947.8	1,986.3	2,030.8	2,054.0	947.6	956.9	943.4	949.1	955.0	956.3	967.0	972.4		
Durable goods.....	234.6	242.7	229.6	237.9	240.7	240.3	251.8	256.4	140.0	138.8	134.1	137.5	138.3	136.4	142.8	144.5		
Nondurable goods.....	734.5	762.1	746.5	749.1	755.0	768.4	775.7	776.4	362.4	365.0	363.1	362.2	364.5	365.9	367.6	369.8		
Services.....	874.1	966.3	908.3	932.4	952.1	977.6	1,003.3	1,021.2	445.2	453.1	446.2	449.5	452.2	454.0	456.6	458.1		
<b>Gross private domestic investment</b> .....	471.5	420.3	468.9	414.8	431.5	443.3	391.5	430.6	225.8	196.9	218.9	195.4	202.3	206.3	183.5	199.5		
Fixed investment.....	451.1	444.1	455.7	450.4	447.7	438.6	439.9	459.1	216.9	206.1	214.1	210.8	206.7	202.9	203.8	211.9		
Nonresidential.....	346.1	348.0	360.2	357.0	352.2	344.2	338.4	339.3	172.0	165.7	174.2	172.0	166.7	163.4	160.9	162.0		
Structures.....	129.7	141.5	139.6	141.4	143.6	141.3	139.6	140.4	51.6	53.1	53.3	53.5	53.7	53.0	52.3	53.0		
Producers' durable equipment.....	216.4	206.5	220.6	215.6	208.6	203.0	198.8	198.9	120.4	121.4	120.9	118.5	113.0	110.4	108.6	109.0		
Residential.....	104.9	96.2	95.5	93.4	95.5	94.3	101.4	119.9	44.9	40.3	39.9	38.9	40.1	39.5	42.9	49.9		
Nonfarm structures.....	99.7	90.5	89.4	87.9	89.6	88.7	95.7	114.0	42.1	37.4	36.7	36.0	37.0	36.6	40.0	47.0		
Farm structures.....	2.1	2.5	2.9	2.4	2.8	2.4	2.5	2.5	.9	1.0	1.2	1.0	1.1	1.0	1.0	1.0		
Producers' durable equipment.....	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.3	2.0	1.9	2.0	1.9	1.9	1.9	1.9	2.0		
Change in business inventories.....	20.5	-23.8	13.2	-35.6	-16.2	4.7	-48.3	-28.5	9.0	-9.2	4.8	-15.4	-4.4	3.4	-20.3	-12.4		
Nonfarm.....	15.0	-24.3	6.0	-36.0	-15.0	3.7	-50.0	-26.6	6.8	-9.4	1.6	-15.6	-3.8	2.9	-21.1	-11.4		
Farm.....	5.5	.5	7.2	.4	-1.2	1.0	1.7	-1.9	2.1	.2	3.2	.2	-6	.5	.8	-1.0		
<b>Net exports of goods and services</b> .....	26.1	20.5	23.5	31.3	34.9	6.9	9.1	16.6	42.0	31.8	36.5	36.9	35.7	27.5	27.2	24.0		
Exports.....	367.3	350.8	367.9	359.9	365.8	349.5	328.1	330.2	158.5	148.1	156.9	151.7	154.4	147.5	138.8	138.5		
Imports.....	341.3	330.3	344.4	328.6	330.9	342.5	319.1	313.6	116.4	116.3	120.4	114.7	118.7	120.0	111.6	114.5		
<b>Government purchases of goods and services</b> .....	596.9	647.4	626.3	630.1	630.9	651.7	676.8	675.5	287.1	291.3	291.3	289.2	285.3	291.1	299.5	292.6		
Federal.....	228.9	257.9	250.5	249.7	244.3	259.0	278.7	271.9	110.4	116.4	116.0	114.4	110.3	116.2	124.7	117.5		
National defense.....	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6	73.5	78.6	76.1	74.5	78.2	80.6	81.0	81.1		
Nondefense.....	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3	36.8	37.8	39.9	39.8	32.1	35.5	43.7	36.4		
State and local.....	368.0	389.4	375.7	380.4	386.6	392.7	398.0	403.6	176.7	174.9	175.3	174.9	175.0	174.9	174.8	175.1		

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								
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates							
			1981	1982				1983			1981	1982	1981	1982				1983
				IV	I	II	III							IV	I <sup>P</sup>	IV	I	
<b>Gross national product</b> .....	2,937.7	3,059.3	3,003.2	2,995.5	3,045.2	3,088.2	3,108.2	3,176.7	1,502.6	1,476.9	1,490.1	1,470.7	1,478.4	1,481.1	1,477.2	1,488.5		
Final sales.....	2,917.3	3,083.1	2,989.9	3,031.1	3,061.4	3,083.5	3,156.5	3,205.2	1,493.7	1,486.0	1,485.3	1,486.1	1,482.7	1,477.8	1,497.5	1,500.9		
Change in business inventories.....	20.5	-23.8	13.2	-35.6	-16.2	4.7	-48.3	-28.5	9.0	-9.2	4.8	-15.4	-4.4	3.4	-20.3	-12.4		
<b>Goods</b> .....	1,289.2	1,280.4	1,298.4	1,269.4	1,283.1	1,295.5	1,273.5	1,302.3	689.5	661.3	678.0	661.8	663.2	665.1	655.3	660.2		
Final sales.....	1,268.7	1,304.2	1,285.2	1,305.0	1,299.3	1,290.7	1,321.8	1,330.8	680.5	670.5	673.2	677.2	667.5	661.7	675.6	672.6		
Change in business inventories.....	20.5	-23.8	13.2	-35.6	-16.2	4.7	-48.3	-28.5	9.0	-9.2	4.8	-15.4	-4.4	3.4	-20.3	-12.4		
Durable goods.....	528.1	493.3	504.9	482.4	505.9	516.9	467.9	486.2	293.1	266.1	275.1	265.0	272.3	274.0	253.0	261.0		
Final sales.....	519.4	512.2	510.5	513.2	512.6	506.8	516.2	515.3	289.3	274.0	277.6	278.7	274.9	269.2	273.1	272.9		
Change in business inventories.....	8.7	-18.9	-5.6	-30.9	-6.6	10.1	-48.3	-29.1	3.8	-7.9	-2.5	-13.7	-2.6	4.8	-20.1	-11.9		
Nondurable goods.....	761.1	787.1	793.6	787.0	777.2	778.6	805.7	816.1	391.2	395.3	402.9	396.8	390.9	391.1	402.3	399.2		
Final sales.....	749.4	792.0	774.7	791.8	786.7	783.9	805.6	815.5	391.2	396.5	395.6	398.5	392.6	392.5	402.5	399.7		
Change in business inventories.....	11.7	-4.9	18.9	-4.8	-9.6	-5.4	0	.6	5.1	-1.3	7.3	-1.7	-1.7	-1.5	-2	-5		
Services.....	1,364.3	1,494.4	1,421.5	1,444.4	1,476.7	1,509.5	1,547.0	1,567.3	695.6	702.4	698.6	697.0	702.2	703.6	707.0	705.7		
Structures.....	284.2	284.5	283.3	281.7	285.3	283.2	287.7	307.1	117.6	113.1	113.4	111.9	113.0	112.5	114.9	122.7		
<b>Addenda:</b>																		
Gross domestic purchases <sup>1</sup> .....	2,911.7	3,038.8	2,979.7	2,964.2	3,010.3	3,081.3	3,099.2	3,160.1	1,460.6	1,445.0	1,453.6	1,433.8	1,442.6	1,453.7	1,449.9	1,464.5		
Final sales to domestic purchasers <sup>1</sup> .....	2,891.2	3,062.6	2,966.5	2,999.8	3,026.5	3,076.6	3,147.5	3,188.6	1,451.6	1,454.2	1,448.8	1,449.2	1,447.0	1,450.3	1,470.2	1,476.9		

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

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

	Billions of dollars									Billions of 1972 dollars						
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates					
			1981	1982				1983			1981	1982	1983			
				IV	I	II	III							IV	I <sup>P</sup>	
Gross national product.....	2,937.7	3,059.3	3,003.2	2,995.5	3,045.2	3,088.2	3,108.2	3,176.7	1,502.6	1,476.9	1,490.1	1,470.7	1,478.4	1,481.1	1,477.2	1,488.5
Gross domestic product.....	2,888.5	3,011.6	2,949.8	2,949.6	2,995.7	3,041.6	3,059.2	3,131.8	1,447.2	1,453.6	1,463.3	1,448.0	1,454.1	1,458.6	1,453.7	1,467.4
Business.....	2,492.4	2,582.1	2,538.6	2,530.6	2,570.1	2,610.0	2,617.8	2,683.9	1,274.3	1,250.1	1,260.2	1,244.4	1,250.5	1,255.4	1,249.9	1,263.2
Nonfarm.....	2,418.5	2,504.9	2,467.4	2,465.1	2,494.4	2,530.2	2,529.7	2,598.7	1,236.8	1,209.3	1,221.5	1,210.0	1,212.2	1,214.4	1,200.4	1,217.5
Farm.....	2,188.9	2,255.2	2,229.9	2,222.8	2,247.9	2,278.0	2,272.0	2,396.6	1,105.5	1,076.4	1,089.9	1,077.9	1,079.5	1,081.3	1,066.9	1,083.4
Householding.....	229.6	249.7	237.4	242.3	246.5	252.3	257.7	262.2	131.4	132.8	131.6	132.0	132.6	133.1	133.5	134.0
Statistical discrepancy.....	75.8	75.6	78.4	72.9	74.8	76.1	78.4	75.4	38.4	40.1	42.3	38.1	38.0	39.3	44.8	41.1
Households and institutions.....	-1.9	1.7	-7.2	-7.5	.8	3.6	9.7	9.7	-9	8	-3.6	-3.7	.4	1.7	4.6	4.6
Private households.....	96.4	106.8	100.3	103.3	105.3	107.9	110.6	112.0	46.9	48.1	47.4	47.8	47.9	48.0	48.6	48.9
Nonprofit institutions.....	7.0	7.1	7.1	7.1	7.1	7.1	7.2	7.2	3.3	3.1	3.2	3.1	3.1	3.1	3.1	3.1
Government.....	89.4	99.6	93.3	96.2	98.2	100.8	103.4	104.8	43.6	45.0	44.1	44.7	44.8	44.9	45.5	45.8
Federal.....	299.7	322.7	310.9	315.8	320.3	323.8	330.9	335.9	156.0	155.4	155.8	155.7	155.7	155.2	155.2	155.3
State and local.....	92.3	99.8	97.9	98.6	98.9	99.1	102.4	103.6	49.7	49.8	49.8	49.8	49.8	49.8	49.9	50.0
Rest of the world.....	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3	106.3	105.6	106.0	106.0	105.9	105.4	105.3	105.3
Addendum:	49.2	47.7	53.3	45.8	49.5	46.6	49.0	44.9	25.4	23.2	26.7	22.7	24.2	22.5	23.4	21.1
Gross domestic business product less housing.....	2,253.5								1,141.4							

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

	Billions of dollars								
	1981	1982	Seasonally adjusted at annual rates						
			1981	1982				1983	
				IV	I	II	III		IV
Gross national product.....	2,937.7	3,059.3	3,003.2	2,995.5	3,045.2	3,088.2	3,108.2	3,176.7	
Less:									
Capital consumption allowances with CCAAdj.....	330.1	356.4	344.8	348.7	353.9	359.4	363.5	366.4	
Capital consumption allowances.....	267.5	309.8	282.6	293.4	304.4	314.6	326.7	337.7	
Less: CCAAdj.....	-62.6	-46.6	-62.2	-55.3	-49.6	-44.8	-36.7	-28.6	
Equals: Net national product.....	2,607.9	2,702.9	2,658.4	2,646.7	2,691.2	2,728.9	2,744.7	2,810.3	
Less:									
Indirect business tax and nontax liability.....	251.3	258.8	255.3	250.2	256.7	261.7	266.4	272.1	
Business transfer payments.....	12.4	13.7	12.8	13.1	13.5	13.8	14.3	14.5	
Statistical discrepancy.....	-1.9	1.7	-7.2	-7.5	.8	3.6	9.7		
Plus: Subsidies less current surplus of government enterprises.....	6.6	7.8	7.0	6.0	4.9	5.8	14.5	9.2	
Equals: National income.....	2,352.5	2,436.6	2,404.5	2,396.9	2,425.2	2,455.6	2,468.8		
Less:									
Corporate profits with IVA and CCAAdj.....	190.6	160.8	183.9	157.1	155.4	166.2	164.6		
Net interest.....	235.7	264.9	249.5	258.7	267.5	268.1	265.3	266.9	
Contributions for social insurance.....	238.1	253.8	243.5	250.8	253.0	255.2	256.2	266.5	
Wage accruals less disbursements.....	0	0	-1	-2	0	0	0	0	
Plus:									
Government transfer payments to persons.....	323.9	361.0	337.9	341.4	351.7	367.2	383.6	380.8	
Personal interest income.....	329.0	371.2	351.0	359.7	372.0	378.2	374.6	377.6	
Personal dividend income.....	62.5	67.0	65.2	65.8	66.1	67.2	68.8	69.8	
Business transfer payments.....	12.4	13.7	12.8	13.1	13.5	13.8	14.3	14.5	
Equals: Personal income.....	2,415.8	2,569.9	2,494.6	2,510.5	2,552.7	2,592.5	2,624.0	2,648.3	

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

	[Billions of 1972 dollars]							
Gross national product.....	1,502.6	1,476.9	1,490.1	1,470.7	1,478.4	1,481.1	1,477.2	1,488.5
Less: Capital consumption allowances with CCAAdj.....	155.6	161.6	157.8	159.3	160.8	162.2	164.2	164.8
Equals: Net national product.....	1,347.0	1,315.2	1,332.2	1,311.4	1,317.6	1,318.9	1,312.9	1,323.7
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	147.2	147.0	146.6	146.5	147.1	146.8	147.4	147.4
Statistical discrepancy.....	-9	.8	-3.6	-3.7	.4	1.7	4.6	
Equals: National income.....	1,200.8	1,167.5	1,189.2	1,168.5	1,170.1	1,170.4	1,160.9	

Table 1.11.—National Income by Type of Income

	Billions of dollars								
	1981	1982	Seasonally adjusted at annual rates						
			1981	1982				1983	
				IV	I	II	III		IV
National income.....	2,352.5	2,436.6	2,404.5	2,396.9	2,425.2	2,455.6	2,468.8		
Compensation of employees.....	1,767.6	1,856.5	1,813.4	1,830.8	1,850.7	1,868.3	1,876.1	1,908.5	
Wages and salaries.....	1,494.0	1,560.6	1,531.1	1,541.5	1,556.6	1,570.0	1,574.5	1,597.8	
Government and government enterprises.....	283.1	302.3	292.3	296.3	300.0	303.5	309.2	313.2	
Other.....	1,210.9	1,258.4	1,238.8	1,245.2	1,256.6	1,266.4	1,265.4	1,284.6	
Supplements to wages and salaries.....	273.6	295.8	282.3	289.3	294.1	298.3	301.6	310.7	
Employer contributions for social insurance.....	133.2	142.1	136.5	140.2	141.7	142.8	143.7	150.1	
Other labor income.....	140.4	153.8	145.8	149.1	152.5	155.5	157.9	160.6	
Proprietors' income with IVA and CCAAdj.....	124.7	120.3	124.1	116.4	117.3	118.4	128.9	128.5	
Farm.....	24.0	19.0	24.6	17.8	17.4	16.6	24.1	18.4	
Proprietors' income with IVA.....	31.8	27.1	32.8	26.0	25.5	24.7	32.2	26.5	
CCAAdj.....	-7.9	-8.1	-8.2	-8.2	-8.1	-8.1	-8.0	-8.1	
Nonfarm.....	100.7	101.3	99.5	98.6	99.9	101.7	104.8	110.1	
Proprietors' income with IVA.....	100.3	94.5	97.7	93.8	94.5	94.4	95.2	97.6	
IVA.....	-1.6	-5	-1.2	0	-1.0	-5	-6	-4	
CCAAdj.....	2.1	7.3	3.0	4.7	6.4	7.9	10.3	12.8	
Rental income of persons with CCAAdj.....	33.9	34.1	33.6	33.9	34.2	34.6	33.9	35.3	
Rental income of persons.....	69.4	70.5	70.5	71.0	70.7	70.9	69.4	71.0	
CCAAdj.....	-35.5	-36.3	-36.9	-37.1	-36.4	-36.3	-35.6	-35.7	
Corporate profits with IVA and CCAAdj.....	190.6	160.8	183.9	157.1	155.4	166.2	164.6		
Corporate profits with IVA.....	207.5	165.7	199.4	167.2	162.2	170.0	163.3		
Profits before tax.....	232.1	174.9	216.5	171.6	171.7	180.3	175.9		
Profits tax liability.....	81.2	57.7	71.6	56.7	55.3	60.9	58.0		
Profits after tax.....	150.9	117.1	144.9	115.0	116.3	119.4	117.9		
Dividends.....	65.1	70.3	68.1	68.8	69.3	70.5	72.4	73.5	
Undistributed profits.....	85.8	46.9	76.9	46.1	47.0	48.8	45.5		
IVA.....	-24.6	-9.2	-17.1	-4.4	-9.4	-10.3	-12.6	-7	
CCAAdj.....	-16.8	-4.9	-15.5	-10.1	-6.9	-3.8	1.3	7.1	
Net interest.....	235.7	264.9	249.5	258.7	267.5	268.1	265.3	266.9	
Addenda:									
Corporate profits after tax with IVA and CCAAdj.....	109.5	103.1	112.3	100.4	100.0	105.3	106.6		
Dividends.....	65.1	70.3	68.1	68.8	69.3	70.5	72.4	73.5	
Undistributed profits with IVA and CCAAdj.....	44.4	32.8	44.3	31.6	30.7	34.8	34.2		

**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								
	1981	1982	Seasonally adjusted at annual rates					1983	1981	1982	Seasonally adjusted at annual rates					1983	
			1981	1982							1981	1982					1983
				IV	I	II	III					IV	I <sup>P</sup>	IV	I		
<b>Gross domestic product of corporate business.....</b>	1,837.1	1,891.2	1,873.1	1,863.1	1,882.7	1,911.2	1,907.9	.....	1,536.5	1,562.7	1,562.0	1,548.8	1,559.0	1,578.4	1,564.6	.....	
Capital consumption allowances with CCAdj.....	206.2	225.1	216.0	218.9	223.4	227.5	230.6	232.7	178.3	182.1	181.3	176.3	181.2	184.2	186.6	190.3	
<b>Net domestic product.....</b>	1,630.9	1,666.1	1,657.1	1,644.2	1,659.3	1,683.7	1,677.3	.....	1,358.2	1,380.6	1,380.8	1,372.4	1,377.8	1,394.2	1,378.0	.....	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	186.1	190.0	189.1	184.0	189.1	192.2	194.8	198.6	1,150.1	1,189.6	1,174.5	1,181.6	1,190.4	1,195.8	1,190.7	1,209.7	
<b>Domestic income.....</b>	1,444.8	1,476.1	1,468.0	1,460.2	1,470.3	1,491.4	1,482.5	.....	962.9	990.2	982.7	985.3	991.4	995.0	989.2	1,002.5	
Compensation of employees.....	1,224.5	1,271.3	1,251.5	1,259.5	1,270.7	1,278.7	1,276.2	1,298.6	187.1	199.4	191.9	196.4	198.9	200.8	201.5	207.2	
Wages and salaries.....	1,024.8	1,057.6	1,046.6	1,049.7	1,057.8	1,063.4	1,059.6	1,075.5	145.6	118.7	138.2	120.3	114.8	125.3	114.3	.....	
Supplements to wages and salaries.....	199.7	213.6	204.9	209.8	212.9	215.3	216.6	223.0	186.6	133.0	170.5	134.8	131.3	139.8	126.3	.....	
Corporate profits with IVA and CCAdj.....	167.8	142.8	158.3	140.2	137.2	149.9	143.7	.....	63.3	39.3	54.8	38.9	37.1	42.1	39.1	.....	
Profits before tax.....	209.3	156.8	190.9	154.7	153.5	164.0	155.0	.....	123.3	93.7	115.7	95.8	94.2	97.6	87.1	.....	
Profits tax liability.....	81.2	57.7	71.6	56.7	55.3	60.9	58.0	.....	52.9	62.1	56.7	58.0	59.7	62.6	68.2	63.9	
Profits after tax.....	128.1	99.1	119.3	98.1	98.2	103.1	97.0	.....	70.3	31.6	58.9	37.8	34.5	35.0	18.9	.....	
Dividends.....	50.8	60.2	54.6	56.0	58.0	60.6	66.1	61.7	-24.6	-9.2	-17.1	-4.4	-9.4	-10.3	-12.6	-7	
Undistributed profits.....	77.3	38.9	64.7	42.0	40.2	42.4	30.8	.....	-16.3	-5.2	-15.1	-10.0	-7.1	-4.2	.6	6.2	
IVA.....	-24.6	-9.2	-17.1	-4.4	-9.4	-10.3	-12.6	-7	62.5	72.3	68.1	70.5	72.6	73.1	72.9	73.0	
CCAdj.....	-16.8	-4.9	-15.5	-10.1	-6.9	-3.8	1.3	7.1	Billions of 1972 dollars								
Net interest.....	52.5	62.1	58.3	60.5	62.4	62.8	62.7	62.7	<b>Gross domestic product of nonfinancial corporate business.....</b>	881.3	855.3	870.4	858.8	857.9	859.3	845.3	.....
<b>Gross domestic product of financial corporate business.....</b>	104.8	114.9	106.0	106.6	111.7	116.8	124.5	.....	Capital consumption allowances with CCAdj.....	94.3	98.6	96.0	97.0	98.1	99.2	100.2	101.0
<b>Gross domestic product of non-financial corporate business.....</b>	1,732.3	1,776.4	1,767.2	1,756.6	1,771.0	1,794.4	1,783.4	.....	Net domestic product.....	787.0	756.7	774.5	761.8	759.8	760.1	745.1	.....
Capital consumption allowances with CCAdj.....	195.8	213.7	205.1	207.8	212.1	216.0	218.8	220.8	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	94.7	94.8	94.7	94.6	95.0	94.6	95.0	95.3
									Domestic income.....	692.2	661.9	679.8	667.2	664.8	665.5	650.1	.....

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

	Billions of dollars								Billions of 1972 dollars								
	1981	1982	Seasonally adjusted at annual rates					1983	1981	1982	Seasonally adjusted at annual rates					1983	
			1981	1982							1981	1982					1983
				IV	I	II	III					IV	I <sup>P</sup>	IV	I		
<b>Auto output.....</b>	69.2	65.9	58.3	53.5	69.9	75.2	65.1	75.4	41.5	37.6	34.4	31.3	39.7	42.3	37.2	42.5	
<b>Final sales.....</b>	68.0	68.2	60.2	65.9	64.5	66.6	75.6	75.8	40.8	38.9	35.2	38.3	37.0	37.4	42.9	42.4	
Personal consumption expenditures.....	67.2	70.9	62.8	68.0	67.8	69.5	78.3	78.2	36.0	35.7	32.2	34.9	34.4	34.2	39.3	38.7	
New autos.....	49.2	51.7	45.0	48.8	50.0	48.8	58.3	56.6	28.8	29.1	25.6	28.3	28.2	27.2	32.6	31.4	
Net purchases of used autos.....	18.0	19.2	17.8	18.3	17.8	20.7	19.9	21.6	7.2	6.6	6.6	6.6	6.2	7.1	6.7	7.3	
Producers' durable equipment.....	13.6	13.8	12.5	13.1	13.4	15.2	13.5	13.9	9.5	9.8	8.8	9.3	9.3	10.6	10.0	10.2	
New autos.....	24.1	24.7	22.0	23.3	22.9	26.7	25.8	26.4	14.1	13.9	12.5	13.3	12.9	14.9	14.4	14.6	
Net purchases of used autos.....	-10.5	-10.9	-9.4	-10.2	-9.5	-11.6	-12.3	-12.5	-4.6	-4.1	-3.7	-4.0	-3.6	-4.3	-4.4	-4.4	
Net exports.....	-13.8	-17.5	-16.0	-16.1	-17.6	-19.1	-17.1	-17.2	-5.3	-7.3	-6.5	-6.6	-7.3	-8.1	-7.0	-7.1	
Exports.....	4.0	2.9	2.8	2.6	3.4	3.4	2.4	3.4	2.3	1.6	1.6	1.5	1.9	1.8	1.3	1.8	
Imports.....	17.8	20.4	18.9	18.7	21.0	22.5	19.5	20.6	7.7	8.9	8.0	8.0	9.2	9.9	8.4	9.0	
Government purchases.....	1.0	.9	.9	.9	.9	1.0	.9	.9	.7	.6	.6	.6	.7	.7	.6	.6	
<b>Change in business inventories.....</b>	1.2	-2.2	-1.9	-12.4	5.4	-8.7	-10.6	-4	-1.3	-1.3	-8	-7.0	2.7	4.8	-5.8	.2	
New.....	.9	-2.4	-1.6	-12.7	5.8	9.1	-11.8	2	.6	-1.4	-7	-7.1	2.8	5.0	-6.2	.4	
Used.....	.3	.2	-.3	.3	-.4	-.4	1.2	-5	.1	.1	-.1	.1	-.1	-.1	.4	-2	
<b>Addenda:</b>																	
Domestic output of new autos <sup>1</sup> .....	54.6	49.4	44.8	37.8	53.3	59.7	46.6	58.6	31.9	27.7	25.5	21.6	30.1	33.1	26.1	32.4	
Sales of imported new autos <sup>2</sup> .....	24.5	28.5	25.2	27.6	26.6	28.1	31.5	30.1	14.3	16.0	14.4	15.7	15.0	15.7	17.6	16.7	

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

<b>Truck output<sup>1</sup>.....</b>	27.8	29.4	27.7	29.4	32.9	30.3	25.0	28.6	13.3	13.8	12.9	13.9	15.6	14.0	11.5	13.1
<b>Final sales.....</b>	27.6	29.4	25.8	32.0	29.7	26.9	29.1	30.8	13.2	13.8	11.8	15.1	14.0	12.4	13.5	14.0
Personal consumption expenditures.....	7.7	11.3	7.4	11.8	11.6	10.7	11.0	12.1	4.5	6.3	4.2	6.7	6.5	6.0	6.1	6.7
Producers' durable equipment.....	17.3	16.4	16.6	18.6	17.0	15.2	15.0	16.3	7.8	7.0	7.2	8.0	7.3	6.3	6.2	6.6
Net exports.....	-1.6	-2.8	-2.2	-2.6	-3.3	-3.7	-1.7	-2.7	-1.0	-1.5	-1.3	-1.5	-1.7	-1.8	-.9	-1.4
Exports.....	3.3	2.5	3.1	2.9	2.7	2.0	2.3	1.9	1.5	1.0	1.3	1.2	1.1	.8	.9	.8
Imports.....	4.9	5.3	5.3	5.5	6.0	5.7	4.0	4.6	2.5	2.5	2.6	2.7	2.8	2.7	1.9	2.1
Government purchases.....	4.3	4.6	4.0	4.3	4.5	4.7	4.9	5.1	1.9	1.9	1.7	1.8	1.9	2.0	2.0	2.1
<b>Change in business inventories.....</b>	.2	0	1.9	-2.5	3.2	3.4	-4.1	-2.2	.1	0	1.0	-1.2	1.6	1.5	-1.9	-1.0

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								
	1981	1982	Seasonally adjusted at annual rates						1983
			1982						
			IV	I	II	III	IV	I <sup>P</sup>	
Personal income.....	2,415.8	2,569.9	2,494.6	2,510.5	2,552.7	2,592.5	2,624.0	2,648.3	
Wage and salary disbursements.....	1,493.9	1,560.7	1,531.2	1,541.6	1,556.6	1,570.0	1,574.5	1,597.8	
Commodity-producing industries.....	510.8	509.9	517.7	514.3	513.6	510.2	501.6	509.8	
Manufacturing.....	386.4	382.6	388.7	385.1	385.6	383.8	375.8	383.1	
Distributive industries.....	361.4	376.0	368.3	371.4	375.4	378.4	378.8	381.7	
Service industries.....	338.6	372.5	352.8	359.5	367.6	377.8	385.0	393.0	
Government and government enterprises.....	283.1	302.3	292.4	296.5	300.0	303.5	309.2	313.2	
Other labor income.....	140.4	153.8	145.8	149.1	152.5	155.5	157.9	160.6	
Proprietors' income with IVA and CCAAdj.....	124.7	120.3	124.1	116.4	117.3	118.4	128.9	128.5	
Farm.....	24.0	19.0	24.6	17.8	17.4	16.6	24.1	18.4	
Nonfarm.....	100.7	101.3	99.5	98.6	99.9	101.7	104.8	110.1	
Rental income of persons with CCAAdj.....	33.9	34.1	33.6	33.9	34.2	34.6	33.9	35.3	
Personal dividend income.....	62.5	67.0	65.2	65.8	66.1	67.2	68.8	69.8	
Personal interest income.....	329.0	371.2	351.0	359.7	372.0	378.2	374.6	377.6	
Transfer payments.....	336.3	374.7	350.7	354.6	365.2	381.0	397.8	395.3	
Old-age, survivors, disability, and health insurance benefits.....	182.0	204.5	192.8	194.7	197.5	209.2	216.6	216.8	
Government unemployment insurance benefits.....	15.4	24.9	16.7	18.7	23.5	25.5	31.8	27.8	
Veterans benefits.....	16.1	16.4	16.4	16.3	16.1	16.3	16.7	16.8	
Government employees retirement benefits.....	49.2	54.0	50.8	51.5	54.4	54.9	55.4	56.0	
Other transfer payments.....	73.6	74.9	74.0	73.3	73.8	75.2	77.4	77.8	
Aid to families with dependent children.....	13.4	13.2	13.4	13.2	13.2	13.0	13.3	13.8	
Other.....	60.3	61.7	60.6	60.1	60.6	62.1	64.1	64.0	
Less: Personal contributions for social insurance.....	104.9	111.7	107.0	110.6	111.4	112.4	112.5	116.4	
Less: Personal tax and nontax payments.....	386.7	397.2	393.2	393.4	401.2	394.4	399.7	401.4	
Equals: Disposable personal income.....	2,029.1	2,172.7	2,101.4	2,117.1	2,151.5	2,198.1	2,224.3	2,247.0	
Less: Personal outlays.....	1,898.9	2,030.5	1,942.7	1,977.9	2,007.2	2,046.1	2,090.9	2,115.1	
Personal consumption expenditures.....	1,843.2	1,971.1	1,884.5	1,919.4	1,947.8	1,986.3	2,030.8	2,054.0	
Interest paid by consumers to business.....	55.1	58.6	57.5	57.8	58.4	59.0	59.2	60.1	
Personal transfer payments to foreigners (net).....	.6	.8	.7	.8	.9	.8	.8	1.0	
Equals: Personal saving.....	130.2	142.2	158.6	139.1	144.3	152.0	133.4	131.9	
Addenda:									
Disposable personal income:									
Total, billions of 1972 dollars.....	1,043.1	1,054.8	1,051.9	1,046.9	1,054.8	1,058.3	1,059.1	1,063.8	
Per capita:									
Current dollars.....	8,827	9,363	9,107	9,155	9,285	9,461	9,549	9,623	
1972 dollars.....	4,538	4,545	4,559	4,527	4,552	4,555	4,547	4,556	
Population (millions).....	229.9	232.1	230.8	231.2	231.7	232.3	232.9	233.5	
Personal saving as percentage of disposable personal income.....	6.4	6.5	7.5	6.6	6.7	6.9	6.0	5.9	

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

	Billions of dollars								
	1981	1982	Seasonally adjusted at annual rates						1983
			1982						
			IV	I	II	III	IV	I <sup>P</sup>	
Personal consumption expenditures.....	1,843.2	1,971.1	1,884.5	1,919.4	1,947.8	1,986.3	2,030.8	2,054.0	
Durable goods.....	234.6	242.7	229.6	237.9	240.7	240.3	251.8	256.4	
Motor vehicles and parts.....	98.6	106.2	93.9	103.2	103.3	104.3	113.8	114.7	
Furniture and household equipment.....	93.4	92.8	93.3	91.0	93.2	92.7	94.3	95.5	
Other.....	42.6	43.7	42.4	43.7	44.2	43.3	43.7	46.1	
Nondurable goods.....	734.5	762.1	746.5	749.1	755.0	768.4	775.5	776.4	
Food.....	375.3	397.3	382.3	387.9	395.0	401.3	405.1	409.5	
Clothing and shoes.....	114.6	118.6	116.0	117.5	118.4	119.1	119.4	120.0	
Gasoline and oil.....	96.8	93.7	97.5	95.3	91.3	94.2	94.0	89.7	
Other nondurable goods.....	147.9	152.4	150.7	148.4	150.4	153.8	157.2	157.3	
Fuel oil and coal.....	19.7	17.7	19.2	17.3	17.3	18.4	17.6	15.2	
Other.....	128.2	134.8	131.5	131.1	133.1	135.4	139.6	142.2	
Services.....	874.1	966.3	908.3	932.4	952.1	977.6	1,003.3	1,021.2	
Housing.....	295.3	324.6	307.0	314.5	320.4	328.2	335.4	341.3	
Household operation.....	128.9	144.3	136.9	141.4	140.7	145.0	150.3	151.1	
Electricity and gas.....	66.8	75.5	71.2	75.1	72.6	75.2	79.0	77.9	
Other.....	62.1	68.9	65.7	66.3	68.1	69.9	71.3	73.2	
Transportation.....	65.4	70.0	65.7	66.9	69.5	71.5	72.1	73.5	
Other.....	384.4	427.4	398.7	409.6	421.5	432.9	445.5	455.2	
	Billions of 1972 dollars								
Personal consumption expenditures.....	947.6	956.9	943.4	949.1	955.0	956.3	967.0	972.4	
Durable goods.....	140.0	138.8	134.1	137.5	138.3	136.4	142.8	144.5	
Motor vehicles and parts.....	54.2	55.6	50.0	54.9	54.4	53.8	59.4	59.2	
Furniture and household equipment.....	61.6	59.1	60.4	58.5	59.4	58.9	59.7	60.4	
Other.....	24.3	24.0	23.7	24.1	24.4	23.7	23.8	24.9	
Nondurable goods.....	362.4	365.0	363.1	362.2	364.5	365.9	367.6	369.8	
Food.....	181.4	184.0	182.0	181.7	183.0	184.9	186.4	187.9	
Clothing and shoes.....	82.7	84.1	83.0	83.8	84.0	84.0	84.4	84.7	
Gasoline and oil.....	25.7	26.5	25.8	26.2	27.2	26.5	26.2	27.0	
Other nondurable goods.....	72.6	70.4	72.3	70.4	70.2	70.5	70.5	70.2	
Fuel oil and coal.....	3.5	3.1	3.3	3.0	3.2	3.3	3.0	2.8	
Other.....	69.1	67.3	69.0	67.4	67.1	67.2	67.5	67.4	
Services.....	445.2	453.1	446.2	449.5	452.2	454.0	456.6	458.1	
Housing.....	162.6	165.4	163.5	164.5	165.2	165.7	166.3	166.9	
Household operation.....	63.5	64.0	64.4	64.5	63.4	63.7	64.5	64.2	
Electricity and gas.....	24.6	24.7	25.2	25.6	24.1	24.3	24.9	24.4	
Other.....	38.8	39.3	39.2	38.9	39.3	39.4	39.6	39.8	
Transportation.....	32.4	32.4	31.7	31.9	32.5	32.7	32.4	32.6	
Other.....	186.8	191.2	186.6	188.5	191.0	191.8	193.3	194.4	

Table 3.14.—State and Local Government Social Insurance Funds Receipts and Expenditures

	[Billions of dollars]							
Receipts.....	52.6	59.3	55.1	56.8	58.5	60.1	61.8	63.5
Contributions for social insurance.....	33.8	37.2	35.1	36.0	36.9	37.7	38.4	39.2
Personal contribution.....	8.5	9.2	8.7	8.9	9.1	9.2	9.4	9.5
Employer contributions.....	25.3	28.1	26.3	27.1	27.8	28.4	29.1	29.7
Government and government enterprises.....	22.7	25.4	23.7	24.4	25.1	25.7	26.3	26.8
Other.....	2.5	2.7	2.6	2.6	2.7	2.7	2.8	2.9
Interest and dividends received.....	18.8	22.1	20.0	20.8	21.6	22.5	23.3	24.3
Expenditures.....	20.8	23.0	21.7	22.3	22.8	23.3	23.7	24.2
Administrative expenses (purchases of goods and services).....	.6	.7	.6	.7	.7	.7	.7	.7
Transfer payments to persons.....	20.2	22.3	21.1	21.6	22.1	22.6	23.0	23.4
Surplus or deficit (-).....	31.8	36.3	33.3	34.5	35.7	36.9	38.0	39.3

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							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Receipts.....</b>	<b>628.2</b>	<b>613.9</b>	<b>625.7</b>	<b>609.9</b>	<b>617.0</b>	<b>613.7</b>	<b>615.0</b>	.....
Personal tax and nontax receipts.....	298.1	300.1	300.9	299.9	305.8	295.6	299.2	298.2
Income taxes.....	290.8	292.4	293.2	291.1	297.5	288.1	292.8	291.7
Estate and gift taxes.....	7.0	7.5	7.5	8.5	8.0	7.2	6.1	6.1
Nontaxes.....	.3	.3	.3	.3	.3	.3	.3	.4
Corporate profits tax accruals.....	67.3	47.2	59.1	46.5	45.2	49.8	47.3	.....
Indirect business tax and nontax accruals.....	58.5	50.0	57.2	48.7	49.8	50.8	50.7	51.4
Excise taxes.....	44.1	34.7	41.9	33.6	34.6	35.5	35.1	35.8
Customs duties.....	8.6	8.5	9.3	8.7	8.6	8.5	8.3	8.1
Nontaxes.....	5.8	6.8	6.1	6.3	6.6	6.8	7.3	7.6
Contributions for social insurance.....	204.3	216.6	208.4	214.9	216.2	217.5	217.8	227.3
<b>Expenditures.....</b>	<b>688.2</b>	<b>763.4</b>	<b>727.4</b>	<b>728.3</b>	<b>736.6</b>	<b>769.7</b>	<b>819.2</b>	<b>802.2</b>
Purchases of goods and services.....	228.9	257.9	250.5	249.7	244.3	259.0	278.7	271.9
National defense.....	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6
Nondefense.....	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3
Transfer payments.....	286.6	322.2	300.7	303.2	312.8	327.4	345.3	339.6
To persons.....	280.9	315.8	294.0	297.2	307.0	321.8	337.4	334.0
To foreigners.....	5.7	6.3	6.6	6.0	5.8	5.6	8.0	5.6
Grants-in-aid to State and local governments.....	87.7	83.7	83.6	83.0	85.0	82.0	84.6	85.8
Net interest paid.....	71.9	85.0	79.0	79.6	82.8	88.7	89.1	88.6
Interest paid.....	91.4	107.8	99.5	101.8	105.1	111.9	112.5	112.6
To persons and business.....	74.6	89.9	82.4	83.9	87.6	94.2	93.7	95.0
To foreigners.....	16.7	18.0	17.1	17.9	17.4	17.8	18.8	17.6
Less: Interest received.....	19.5	22.8	20.6	22.1	22.3	23.2	23.4	24.0
Subsidies less current surplus of government enterprises.....	13.1	14.6	13.6	12.7	11.6	12.6	21.4	16.2
Subsidies.....	12.2	14.1	13.8	13.7	12.6	11.8	18.1	15.0
Less: Current surplus of government enterprises.....	-.9	-.5	.3	1.1	1.0	-.8	-3.3	-1.2
Less: Wage accruals less disbursements.....	0	0	-.1	-.2	0	0	0	0
<b>Surplus or deficit (-), NIPA's.....</b>	<b>-60.0</b>	<b>-149.5</b>	<b>-101.7</b>	<b>-118.4</b>	<b>-119.6</b>	<b>-156.0</b>	<b>-204.2</b>	.....
Social insurance funds.....	-11.0	-30.6	-19.3	-16.4	-24.1	-36.5	-45.5	-32.3
Other.....	-49.0	-118.9	-82.4	-102.0	-95.5	-119.6	158.6	.....

Table 3.3.—State and Local Government Receipts and Expenditures

	Billions of dollars							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Receipts.....</b>	<b>416.8</b>	<b>437.2</b>	<b>421.5</b>	<b>424.2</b>	<b>434.3</b>	<b>440.5</b>	<b>450.0</b>	.....
Personal tax and nontax receipts.....	88.6	97.1	92.3	93.6	95.4	98.8	100.5	103.2
Income taxes.....	48.3	51.9	50.1	50.2	50.8	53.0	53.5	55.0
Nontaxes.....	32.0	36.4	33.7	34.8	35.9	37.0	38.0	39.0
Other.....	8.3	8.8	8.5	8.6	8.7	8.9	9.0	9.2
Corporate profits tax accruals.....	13.9	10.6	12.5	10.1	10.2	11.2	10.8	.....
Indirect business tax and nontax accruals.....	192.8	208.7	198.0	201.5	206.9	210.9	215.7	220.7
Sales taxes.....	90.4	95.9	91.8	92.6	95.0	96.1	97.7	99.3
Property taxes.....	75.1	83.6	77.8	79.8	81.8	84.7	88.0	91.4
Other.....	27.2	29.9	28.4	29.2	30.0	30.2	30.1	30.0
Contributions for social insurance.....	33.8	37.2	35.1	36.0	36.9	37.7	38.4	39.2
Federal grants-in-aid.....	87.7	83.7	83.6	83.0	85.0	82.0	84.6	85.8
<b>Expenditures.....</b>	<b>385.0</b>	<b>405.1</b>	<b>392.4</b>	<b>396.5</b>	<b>402.2</b>	<b>408.2</b>	<b>413.5</b>	<b>419.0</b>
Purchases of goods and services.....	368.0	389.4	375.7	380.4	386.6	392.7	398.0	403.6
Compensation of employees.....	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3
Other.....	160.6	166.5	162.7	163.2	165.2	168.0	169.6	171.2
Transfer payments to persons.....	43.0	45.1	43.9	44.3	44.7	45.4	46.2	46.7
Net interest paid.....	-16.9	-19.5	-17.8	-18.5	-19.2	-19.8	-20.2	-20.5
Interest paid.....	23.7	28.0	25.3	26.4	27.4	28.5	29.7	30.9
Less: Interest received.....	40.6	47.5	43.1	44.9	46.7	48.3	49.9	51.5
Less: Dividends received.....	2.6	3.3	2.8	3.0	3.2	3.3	3.5	3.7
Subsidies less current surplus of government enterprises.....	-6.5	-6.8	-6.6	-6.6	-6.7	-6.8	-6.9	-7.0
Subsidies.....	.4	.5	.4	.4	.4	.5	.5	.5
Less: Current surplus of government enterprises.....	6.9	7.2	7.0	7.1	7.2	7.3	7.4	7.5
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
<b>Surplus or deficit (-), NIPA's.....</b>	<b>31.7</b>	<b>32.1</b>	<b>29.1</b>	<b>27.7</b>	<b>32.1</b>	<b>32.3</b>	<b>36.4</b>	.....
Social insurance funds.....	31.8	36.3	33.3	34.5	35.7	36.9	38.0	39.3
Other.....	-1	-4.1	-4.2	-6.8	-3.6	-4.5	-1.6	.....

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

	Billions of dollars									Billions of 1972 dollars								
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates							
			1981	1982				1981			1982							
			IV	I	II	III	IV	I <sup>P</sup>			IV	I	II	III	IV	I <sup>P</sup>		
<b>Government purchases of goods and services.....</b>	<b>596.9</b>	<b>647.4</b>	<b>626.3</b>	<b>630.1</b>	<b>630.9</b>	<b>651.7</b>	<b>676.8</b>	<b>675.5</b>	<b>287.1</b>	<b>291.3</b>	<b>291.3</b>	<b>289.2</b>	<b>285.3</b>	<b>291.1</b>	<b>299.5</b>	<b>292.6</b>		
<b>Federal.....</b>	<b>228.9</b>	<b>257.9</b>	<b>250.5</b>	<b>249.7</b>	<b>244.3</b>	<b>259.0</b>	<b>278.7</b>	<b>271.9</b>	<b>110.4</b>	<b>116.4</b>	<b>116.0</b>	<b>114.4</b>	<b>110.3</b>	<b>116.2</b>	<b>124.7</b>	<b>117.5</b>		
National defense.....	153.7	178.6	166.9	166.2	176.2	182.7	189.3	191.6	73.5	78.6	76.1	74.5	78.2	80.6	81.0	81.1		
Durable goods.....	40.1	49.0	42.7	43.1	48.9	51.7	52.2	55.2	19.7	21.7	20.1	19.9	21.7	22.8	22.3	23.4		
Nondurable goods.....	12.6	13.9	13.2	13.6	13.4	13.2	15.5	15.4	2.6	2.9	2.6	2.8	2.8	2.7	3.0	3.0		
Services.....	98.0	112.1	107.6	106.0	110.7	113.8	118.0	117.2	49.9	52.5	51.8	50.3	52.3	53.4	54.1	53.1		
Compensation of employees.....	60.8	67.2	65.6	66.3	66.5	66.8	69.2	70.0	32.8	33.3	33.1	33.2	33.3	33.3	33.5	33.6		
Military.....	35.6	40.2	39.4	39.7	39.8	39.9	41.4	41.6	19.3	19.6	19.4	19.5	19.5	19.6	19.6	19.6		
Civilian.....	25.2	27.0	26.2	26.5	26.7	26.9	27.9	28.4	13.5	13.8	13.6	13.7	13.7	13.8	13.9	13.9		
Other services.....	37.2	44.9	42.0	39.8	44.1	47.0	48.7	47.3	17.1	19.2	18.8	17.1	19.1	20.1	20.6	19.6		
Structures.....	3.0	3.6	3.4	3.5	3.3	4.0	3.7	3.8	1.4	1.6	1.5	1.5	1.4	1.7	1.6	1.6		
Nondefense.....	75.2	79.3	83.6	83.5	68.2	76.3	89.4	80.3	36.8	37.8	39.9	39.8	32.1	35.5	43.7	36.4		
Durable goods.....	2.5	2.7	2.5	2.8	2.6	2.5	2.8	2.9	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.4		
Nondurable goods.....	11.0	15.0	18.9	18.4	4.8	12.8	23.9	13.6	4.1	6.8	7.9	8.1	1.4	5.0	12.7	5.3		
Services.....	55.0	55.7	55.7	56.1	54.7	55.1	56.8	57.7	28.4	27.1	27.9	27.7	26.8	26.8	27.1	27.1		
Compensation of employees.....	31.5	32.6	32.2	32.4	32.4	32.3	32.2	33.6	16.9	16.5	16.7	16.6	16.5	16.5	16.4	16.4		
Other services.....	23.5	23.1	23.5	23.7	22.3	22.7	23.7	24.1	11.5	10.6	11.2	11.1	10.3	10.3	10.6	10.7		
Structures.....	6.8	6.0	6.4	6.3	6.0	6.0	5.9	6.1	3.1	2.6	2.8	2.7	2.6	2.6	2.5	2.6		
<b>State.....</b>	<b>368.0</b>	<b>389.4</b>	<b>375.7</b>	<b>380.4</b>	<b>386.6</b>	<b>392.7</b>	<b>398.0</b>	<b>403.6</b>	<b>176.7</b>	<b>174.9</b>	<b>175.3</b>	<b>174.9</b>	<b>175.0</b>	<b>174.9</b>	<b>174.8</b>	<b>175.1</b>		
Durable goods.....	12.0	12.5	12.2	12.3	12.4	12.5	12.8	13.0	6.0	6.0	5.9	5.9	5.9	5.9	6.0	6.1		
Nondurable goods.....	30.3	32.2	31.3	31.7	31.8	32.4	32.8	32.3	11.4	11.9	11.6	11.7	11.8	11.9	12.0	12.1		
Services.....	282.8	304.4	290.6	296.1	302.3	306.9	312.1	317.9	140.7	139.7	139.9	140.0	140.0	139.5	139.3	139.4		
Compensation of employees.....	207.4	222.9	213.0	217.1	221.4	224.7	228.4	232.3	106.3	105.6	106.0	105.9	105.4	105.3	105.3	105.3		
Other services.....	75.4	81.4	77.6	79.0	80.8	82.3	83.7	85.6	34.4	34.1	33.9	34.0	34.1	34.1	34.0	34.1		
Structures.....	42.9	40.4	41.6	40.3	40.1	40.8	40.3	40.4	18.6	17.4	17.9	17.2	17.2	17.6	17.4	17.5		

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

	Millions of dollars								Billions of 1972 dollars								
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates						
			1981	1982				1983			1981	1982				1983	
			IV	I	II	III	IV	I <sup>P</sup>			IV	I	II	III	IV	I <sup>P</sup>	
Receipts from foreigners.....	368.4	350.8	369.0	359.9	365.8	349.5	328.1	330.2									
Exports of goods and services.....	367.3	350.8	367.9	359.9	365.8	349.5	328.1	330.2	158.5	148.1	156.9	151.7	154.4	147.5	138.8	138.5	
Merchandise.....	231.9	209.4	227.8	221.4	218.9	207.3	190.0	195.8	89.8	80.3	87.6	84.0	83.5	79.8	73.8	76.2	
Durable goods.....	134.4	119.4	130.1	123.9	123.9	121.0	108.8	110.7	51.8	43.2	48.6	45.2	44.8	43.7	39.1	39.5	
Nondurable goods.....	97.4	90.0	97.8	97.5	95.0	86.3	81.2	85.2	38.0	37.1	39.0	38.8	38.7	36.1	34.7	36.7	
Services.....	135.5	141.4	140.1	138.5	146.8	142.2	138.1	134.4	68.7	67.8	69.3	67.7	70.9	67.7	64.9	62.3	
Factor income <sup>1</sup> .....	86.1	88.3	89.5	85.9	93.8	88.4	85.1	80.1	44.5	43.0	44.8	42.5	45.9	42.7	40.7	37.7	
Other.....	49.4	53.1	50.6	52.6	53.0	53.8	53.0	54.3	24.2	24.8	24.5	25.1	25.0	24.9	24.2	24.6	
Capital grants received by the United States (net).....	1.1	0	1.1	0	0	0	0	0									
Payments to foreigners.....	368.4	350.8	369.0	359.9	365.8	349.5	328.1	330.2									
Imports of goods and services.....	341.3	330.3	344.4	328.6	330.9	342.5	319.1	313.6	116.4	116.3	120.4	114.7	118.7	120.0	111.6	114.5	
Merchandise.....	260.1	244.8	263.5	243.9	241.1	256.5	237.7	232.4	79.1	78.5	83.8	76.7	78.6	82.2	76.6	80.1	
Durable goods.....	123.7	123.7	130.5	125.4	127.7	127.4	114.2	125.0	51.9	51.4	55.2	51.6	52.0	53.2	49.0	52.9	
Nondurable goods.....	136.4	121.1	133.1	118.5	113.4	129.1	123.5	107.4	27.2	27.1	28.6	25.1	26.6	29.1	27.5	27.2	
Services.....	81.1	85.5	80.9	84.7	89.8	86.0	81.3	81.2	37.4	37.7	36.6	38.1	40.1	37.8	35.0	34.4	
Factor income <sup>1</sup> .....	36.9	40.6	36.1	40.0	44.3	41.8	36.1	35.2	19.1	19.8	18.1	19.8	21.7	20.2	17.3	16.6	
Other.....	44.2	44.9	44.8	44.7	45.5	44.2	45.2	46.0	18.3	18.0	18.5	18.2	18.4	17.6	17.7	17.9	
Transfer payments (net).....	6.3	7.2	7.3	6.9	6.7	6.4	8.8	6.5									
From persons (net).....	.6	.8	.7	.8	.9	.8	.8	1.0									
From government (net).....	5.7	6.3	6.6	6.0	5.8	5.6	8.0	5.6									
Interest paid by government to foreigners.....	16.7	18.0	17.1	17.9	17.4	17.8	18.8	17.6									
Net foreign investment.....	4.1	-4.6	.1	6.5	10.8	-17.3	-18.5	-7.5									

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							
	1981	1982	Seasonally adjusted at annual rates						1981	1982	Seasonally adjusted at annual rates					
			1981	1982				1983			1981	1982				1983
			IV	I	II	III	IV	I <sup>P</sup>			IV	I	II	III	IV	I <sup>P</sup>
Merchandise exports.....	231.9	209.4	227.8	221.4	218.9	207.3	190.0	195.8	89.8	80.3	87.6	84.0	83.5	79.8	73.8	76.2
Foods, feeds, and beverages.....	38.3	32.1	35.7	36.0	36.6	29.0	26.9	31.8	15.5	14.7	15.7	15.7	16.4	13.7	13.1	15.3
Industrial supplies and materials.....	65.4	61.6	67.1	66.5	63.1	59.4	57.4	56.8	22.3	21.7	22.9	22.9	21.9	21.2	20.7	20.8
Durable goods.....	20.4	17.0	19.4	17.9	17.6	16.5	16.1	15.8	7.0	6.0	6.6	6.1	6.1	5.9	5.8	5.8
Nondurable goods.....	45.0	44.6	47.7	48.6	45.4	42.9	41.3	41.0	15.4	15.7	16.7	16.7	15.8	15.3	14.9	15.0
Capital goods, except autos.....	81.7	74.2	80.8	77.4	77.1	74.2	67.9	67.5	32.9	27.4	31.2	29.0	28.6	27.3	24.6	24.2
Autos.....	19.1	16.7	16.8	17.3	17.9	17.7	13.9	17.0	6.7	5.3	5.5	5.6	5.7	5.6	4.5	5.4
Consumer goods.....	16.3	14.7	15.5	14.7	15.3	14.7	14.2	14.2	8.1	7.3	7.6	7.2	7.6	7.3	7.2	7.2
Durable goods.....	7.7	6.5	7.1	6.6	6.8	6.4	6.1	6.1	3.2	2.6	2.9	2.6	2.7	2.5	2.4	2.4
Nondurable goods.....	8.6	8.2	8.4	8.1	8.5	8.2	8.1	8.1	5.0	4.7	4.7	4.5	4.8	4.8	4.8	4.8
Other.....	11.1	10.1	11.9	9.5	8.9	12.4	9.8	8.5	4.3	3.9	4.6	3.6	3.4	4.8	3.8	3.3
Durable goods.....	5.5	5.1	5.9	4.8	4.4	6.2	4.9	4.3	2.1	1.9	2.3	1.8	1.7	2.4	1.9	1.7
Nondurable goods.....	5.5	5.1	5.9	4.8	4.4	6.2	4.9	4.3	2.1	1.9	2.3	1.8	1.7	2.4	1.9	1.7
Merchandise imports.....	260.1	244.8	263.5	243.9	241.1	256.5	237.7	232.4	79.1	78.5	83.8	76.7	78.6	82.2	76.6	80.1
Foods, feeds, and beverages.....	18.1	17.2	17.2	14.9	17.2	19.1	17.7	18.4	7.0	7.2	7.2	6.1	7.2	8.1	7.4	7.6
Industrial supplies and materials, excluding petroleum.....	56.3	50.7	56.8	54.1	51.2	50.6	46.8	48.3	19.0	17.7	19.4	18.3	17.7	17.9	16.8	17.7
Durable goods.....	33.3	27.9	33.2	31.7	29.1	27.0	23.9	24.8	11.2	9.7	11.3	10.7	10.0	9.5	8.6	9.0
Nondurable goods.....	23.0	22.8	23.6	22.4	22.2	23.6	22.8	23.5	7.8	8.0	8.1	7.6	7.7	8.4	8.3	8.6
Petroleum and products.....	77.6	61.2	72.4	62.6	53.7	65.8	62.9	44.0	6.0	5.1	5.8	5.0	4.5	5.5	5.2	3.9
Capital goods, except autos.....	34.6	35.5	37.3	35.1	36.4	36.6	33.7	36.5	18.0	18.2	20.1	17.9	18.2	19.1	17.7	18.9
Autos.....	29.7	33.5	31.4	30.6	35.7	37.3	30.4	36.2	10.3	10.7	10.4	9.8	11.6	11.8	9.7	11.2
Consumer goods.....	38.7	39.6	41.9	40.5	38.2	40.6	39.2	42.0	16.7	16.8	18.3	17.1	16.0	17.1	16.9	18.0
Durable goods.....	23.5	23.3	25.3	24.9	22.2	23.3	22.6	24.0	11.3	11.4	12.1	11.9	10.5	11.4	11.7	12.4
Nondurable goods.....	15.1	16.4	16.7	15.6	16.0	17.3	16.6	18.0	5.4	5.4	6.2	5.1	5.5	5.7	5.2	5.7
Other.....	5.2	7.1	6.5	6.0	8.8	6.5	7.1	7.0	2.1	2.8	2.7	2.4	3.5	2.6	2.9	2.8
Durable goods.....	2.6	3.6	3.3	3.0	4.4	3.3	3.5	3.5	1.0	1.4	1.3	1.2	1.7	1.3	1.4	1.4
Nondurable goods.....	2.6	3.5	3.3	3.0	4.4	3.2	3.5	3.5	1.0	1.4	1.3	1.2	1.7	1.3	1.4	1.4
Addenda:																
Exports:																
Agricultural products.....	44.3	37.8	42.4	42.0	42.6	33.9	32.7	36.4	18.0	17.3	18.5	18.4	19.2	15.9	15.7	17.3
Nonagricultural products.....	187.6	171.6	185.5	179.4	176.3	173.3	157.3	159.5	71.8	63.0	69.1	65.5	64.3	63.9	58.2	58.9
Imports of nonpetroleum products.....	182.6	183.6	191.2	181.3	187.5	190.7	174.9	188.4	73.1	73.4	78.0	71.6	74.1	76.7	71.3	76.2

Table 5.1.—Gross Saving and Investment

	Billions of dollars							
	1981	1982	Seasonally adjusted at annual rates					1983
			1982					
			IV	I	II	III	IV	
Gross saving .....	477.5	414.0	476.3	428.8	441.5	422.4	363.3	
Gross private saving .....	504.7	531.4	547.7	519.4	529.0	546.1	531.1	
Personal saving .....	130.2	142.2	158.6	139.1	144.3	152.0	133.4	131.9
Undistributed corporate profits with IVA and CCAAdj .....	44.4	32.8	44.3	31.6	30.7	34.8	34.2	
Undistributed profits .....	85.8	46.9	76.9	46.1	47.0	48.8	45.5	
IVA .....	-24.6	-9.2	-17.1	-4.4	-9.4	-10.3	-12.6	-7
CCAAdj .....	-16.8	-4.9	-15.5	-10.1	-6.9	-3.8	1.3	7.1
Capital consumption allowances with CCAAdj:								
Corporate .....	206.2	225.1	216.0	218.9	223.4	227.5	230.6	232.7
Noncorporate .....	123.9	131.3	128.7	129.8	130.5	131.9	132.9	133.6
Wage accruals less disbursements .....	0	0	0	0	0	0	0	0
Government surplus or deficit (-), NIPA's .....	-28.2	-117.4	-72.5	-90.7	-87.5	-123.7	-167.7	
Federal .....	-60.0	-149.5	-101.7	-118.4	-119.6	-156.0	-204.2	
State and local .....	31.7	32.1	29.1	27.7	32.1	32.3	36.4	
Capital grants received by the United States (net) .....	1.1	0	1.1	0	0	0	0	0
Gross investment .....	475.6	415.7	469.0	421.3	422.3	426.0	373.1	423.1
Gross private domestic investment .....	471.5	420.3	468.9	414.8	431.5	443.3	391.5	430.6
Net foreign investment .....	4.1	-4.6	.1	6.5	10.8	-17.3	-18.5	-7.5
Statistical discrepancy .....	-1.9	1.7	-7.2	-7.5	.8	3.6	9.7	

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

Change in business inventories .....	Billions of 1972 dollars							
	1981	1982	1981	1982	1981	1982	1981	1982
Farm .....	5.5	.5	7.2	4	-1.2	1.0	1.7	-1.9
Nonfarm .....	15.0	-24.3	6.0	-36.0	-15.0	3.7	-50.0	-26.6
Change in book value .....	43.5	-14.0	26.6	-30.5	-4.6	14.8	-35.9	-25.5
IVA <sup>1</sup> .....	-28.6	-10.3	-20.5	-5.6	-10.4	-11.1	-14.1	-1.2
Manufacturing .....	6.0	-21.5	-8.7	-17.8	-21.0	-12.6	-34.6	-14.1
Durable goods .....	4.4	-15.1	-7.2	-14.8	-9.1	-8.5	-28.0	-14.0
Nondurable goods .....	1.7	-6.4	-1.4	-3.0	-11.9	-4.2	-6.6	-1
Wholesale trade .....	2.3	-2.7	10.4	-12.5	2.4	2.1	-2.7	-15.8
Durable goods .....	2.7	-2.9	5.3	-6.6	-7	3.8	-8.2	-14.4
Nondurable goods .....	.1	.3	5.1	-5.8	3.1	-1.7	5.5	-1.4
Merchant wholesalers .....	3.0	-5	10.9	-8.1	7.6	1.7	-2.9	-15.0
Durable goods .....	2.3	-1.6	6.3	-5.1	0	4.6	-6.2	-13.7
Nondurable goods .....	.3	1.2	4.6	-3.1	7.5	-3.0	3.3	-1.3
Nonmerchant wholesalers .....	-2	-2.2	-5	-4.3	-5.1	.4	2	-9
Durable goods .....	0	-1.3	-1.0	-1.5	-7	-8	-2.1	-8
Nondurable goods .....	-2	-9	5	-2.8	-4.4	1.3	2.2	-1
Retail trade .....	6.5	-6	1.7	-8.7	2.9	15.5	-12.1	1.6
Durable goods .....	2.6	-7	-1.0	-8.6	3.2	14.8	-12.2	-8
Nondurable goods .....	3.8	1	2.7	0	-3	.7	1	2.3
Other .....	-3	.4	2.7	2.9	.7	-1.3	-6	1.8
Durable goods .....	-1.0	-2	-2.7	-8	0	-1	1	0
Nondurable goods .....	.7	.6	5.4	3.7	.7	-1.2	-6	1.7

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

	Billions of dollars						
	1981	1982	Seasonally adjusted quarterly totals				1983
			1982				
			IV	I	II	III	
Inventories <sup>1</sup> .....	822.4	809.7	812.5	816.0	803.6	801.6	
Farm .....	81.8	84.5	86.4	83.5	80.9	84.1	
Nonfarm .....	740.5	725.2	726.1	732.5	722.8	717.5	
Durable goods .....	421.8	412.3	413.0	419.2	409.5	405.0	
Nondurable goods .....	318.8	312.9	313.1	313.4	313.3	312.5	
Manufacturing .....	366.4	358.1	352.7	351.3	343.4	340.9	
Durable goods .....	236.8	231.4	229.9	229.5	223.5	220.8	
Nondurable goods .....	129.6	126.7	122.7	121.8	119.9	120.0	
Wholesale trade .....	163.0	158.4	160.8	161.9	161.9	158.0	
Durable goods .....	103.0	101.5	102.0	104.0	102.6	99.8	
Nondurable goods .....	60.0	56.9	58.8	57.9	59.4	58.2	
Merchant wholesalers .....	130.8	128.5	131.7	132.5	132.4	129.3	
Durable goods .....	86.9	85.9	86.5	86.6	87.6	84.8	
Nondurable goods .....	43.9	42.6	45.2	43.9	44.8	44.5	
Nonmerchant wholesalers .....	32.2	29.9	29.1	29.4	29.5	28.7	
Durable goods .....	16.1	15.6	15.5	15.4	15.0	15.0	
Nondurable goods .....	16.1	14.3	13.6	14.0	14.5	13.7	
Retail trade .....	140.7	137.6	140.2	145.6	143.2	144.0	
Durable goods .....	64.1	61.8	63.3	67.8	65.5	66.2	
Nondurable goods .....	76.6	75.8	77.0	77.7	77.7	77.8	
Other .....	70.5	71.1	72.4	73.7	74.2	74.6	
Final sales <sup>2</sup> .....	210.4	213.8	215.5	217.1	222.2	226.0	
Final sales of goods and structures .....	130.7	132.2	132.1	131.2	134.1	136.5	
Ratio: Inventories to final sales .....	3.91	3.79	3.77	3.76	3.62	3.55	
Nonfarm inventories to final sales .....	3.52	3.39	3.37	3.37	3.25	3.17	
Nonfarm inventories to final sales of goods and structures .....	5.67	5.48	5.50	5.58	5.39	5.26	

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 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 6.4.—National Income Without Capital Consumption Adjustment by Industry**

	Billions of dollars							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>National income without CCAdj</b> .....	2,410.6	2,478.6	2,462.1	2,447.6	2,470.1	2,495.8	2,500.9	
<b>Domestic industries</b> .....	2,361.4	2,430.9	2,408.8	2,401.7	2,420.6	2,449.3	2,451.9	
<b>Private industries</b> .....	2,025.4	2,070.0	2,060.9	2,048.6	2,062.6	2,086.6	2,082.1	
Agriculture, forestry, and fisheries.....	68.7	68.5	71.6	66.1	66.6	66.5	74.8	
Mining.....	44.9	44.7	49.0	49.3	45.5	42.9	41.0	
Construction.....	113.4	113.2	113.4	112.9	112.8	112.9	114.2	
<b>Manufacturing</b> .....	580.8	551.7	573.1	555.2	556.0	560.4	535.3	
Durable goods.....	344.8	318.9	336.7	323.1	326.8	324.1	301.4	
Nondurable goods.....	236.0	232.8	236.4	232.1	229.1	236.3	233.9	
<b>Transportation and public utilities</b> .....	190.9	199.9	197.7	198.5	200.2	201.0	199.8	
Transportation.....	87.0	86.1	86.5	85.3	87.1	86.9	84.9	
Communication.....	55.3	59.5	58.3	59.3	59.2	60.1	59.5	
Electric, gas, and sanitary services.....	48.6	54.3	52.8	53.8	53.9	54.0	55.4	
<b>Wholesale trade</b> .....	155.8	155.3	162.9	157.3	154.6	155.4	153.9	
<b>Retail trade</b> .....	197.5	207.5	199.1	203.6	205.7	209.1	211.7	
<b>Finance, insurance, and real estate</b> .....	324.2	348.4	331.5	336.4	345.0	352.7	359.3	
<b>Services</b> .....	349.4	380.8	362.7	369.3	376.1	385.6	392.2	
<b>Government and government enterprises</b> .....	336.0	360.9	347.9	353.2	358.0	362.7	369.8	
<b>Rest of the world</b> .....	49.2	47.7	53.3	45.8	49.5	46.6	49.0	44.9

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

	Billions of dollars							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Corporate profits with IVA and CCAdj</b> .....	190.6	160.8	183.9	157.1	155.4	166.2	164.6	
<b>Domestic industries</b> .....	167.8	142.8	158.3	140.2	137.2	149.9	143.7	
Financial.....	22.2	24.1	20.1	19.9	22.4	24.7	29.4	
Nonfinancial.....	145.6	118.7	138.2	120.3	114.8	125.3	114.3	
<b>Rest of the world</b> .....	22.8	18.1	25.7	16.9	18.2	16.3	20.9	
<b>Corporate profits with IVA</b> .....	207.5	165.7	199.4	167.2	162.2	170.0	163.3	
<b>Domestic industries</b> .....	184.6	147.6	173.7	150.3	144.1	153.7	142.4	
Financial.....	22.7	23.8	20.4	20.0	22.2	24.2	28.7	
Federal Reserve Banks.....	14.5	15.7	15.6	16.1	16.0	15.8	14.9	
Other.....	8.1	8.1	4.8	3.9	6.2	8.4	13.9	
Nonfinancial.....	162.0	123.9	153.3	130.4	121.9	129.5	113.7	
Manufacturing.....	86.3	55.9	73.7	57.7	56.6	62.7	46.7	
Durable goods.....	28.4	8.5	18.9	9.1	12.7	12.2	0	
Primary metal industries.....	4.1	-5.2	.7	-3.1	-6.5	-5.4	-5.9	
Fabricated metal products.....	4.9	4.0	3.4	4.4	3.8	4.7	3.1	
Machinery, except electrical.....	9.3	4.6	9.9	8.3	4.8	3.7	1.8	
Electric and electronic equipment.....	5.1	3.1	4.3	3.6	3.7	3.2	1.7	
Motor vehicles and equipment.....	-1.1	.2	-1.8	-4.1	3.3	3.2	-1.4	
Other.....	6.2	1.7	2.4	0	3.5	2.7	.7	
Nondurable goods.....	57.9	47.4	54.7	48.6	43.9	50.5	46.7	
Food and kindred products.....	8.7	6.7	8.1	6.7	6.3	7.0	6.7	
Chemicals and allied products.....	8.2	5.4	7.8	6.5	5.8	5.1	4.1	
Petroleum and coal products.....	26.6	23.6	24.7	25.4	20.4	25.9	22.5	
Other.....	14.4	11.8	14.1	10.0	11.4	12.5	13.3	
Transportation and public utilities.....	19.1	18.6	21.2	18.8	18.5	19.2	17.8	
Wholesale and retail trade.....	33.4	28.7	35.7	31.9	26.8	27.4	28.6	
Other.....	23.1	20.7	22.7	21.9	20.0	20.3	20.6	
<b>Rest of the world</b> .....	22.8	18.1	25.7	16.9	18.2	16.3	20.9	

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Gross national product</b> .....	195.51	207.15	201.55	203.68	205.98	208.51	210.42	213.41
<b>Personal consumption expenditures</b> .....	194.5	206.0	199.8	202.2	204.0	207.7	210.0	211.2
Durable goods.....	167.5	174.9	171.3	173.0	174.0	176.1	176.3	177.4
Nondurable goods.....	202.7	208.8	205.6	206.8	207.1	210.0	211.0	210.0
Services.....	196.3	213.3	203.6	207.4	210.6	215.3	219.7	222.9
<b>Gross private domestic investment</b> .....	208.0	215.5	212.9	213.6	216.6	216.2	215.8	216.7
Fixed investment.....	201.3	210.0	206.8	207.6	211.3	210.7	210.4	209.5
Nonresidential.....	251.5	266.4	261.9	264.5	267.6	266.7	266.8	264.9
Structures.....	179.8	183.4	182.5	181.9	184.6	183.8	183.1	182.5
Producers' durable equipment.....	233.6	238.5	239.2	240.5	238.6	238.8	236.3	240.0
Residential.....	237.1	241.9	243.3	244.3	242.1	242.3	239.2	242.8
Nonfarm structures.....	236.9	242.7	242.7	243.8	242.0	241.9	243.3	246.1
Farm structures.....	159.4	168.4	162.8	165.7	168.1	169.4	170.3	170.5
Change in business inventories.....								
<b>Net exports of goods and services</b> .....								
Exports.....	231.8	236.9	234.5	237.3	236.8	236.9	236.5	238.4
Imports.....	293.1	284.1	286.1	286.4	278.8	285.4	286.0	273.9
<b>Government purchases of goods and services</b> .....	207.9	222.3	215.0	217.8	221.1	223.9	226.0	230.9
Federal.....	207.4	221.6	216.0	218.3	221.6	223.0	223.5	231.4
National defense.....	209.0	227.2	219.5	223.0	225.2	226.5	233.6	236.2
Nondefense.....	204.2	210.1	209.4	209.6	212.6	214.9	204.8	220.6
State and local.....	208.2	222.7	214.3	217.5	220.9	224.5	227.8	230.5

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

	Fixed-weighted price indexes, 1972=100							
	1981	1982	Seasonally adjusted					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Gross national product</b> .....	202.0	214.6	208.4	210.8	213.0	216.0	218.6	220.4
<b>Personal consumption expenditures</b> .....	202.1	213.8	207.5	209.9	211.6	215.4	218.4	219.4
Durable goods.....	172.9	181.4	177.4	179.0	181.0	182.6	183.0	183.7
Nondurable goods.....	212.8	218.7	215.9	217.2	216.4	219.7	221.6	219.9
Services.....	202.1	220.4	209.9	213.8	217.6	222.6	227.4	231.0
<b>Gross private domestic investment</b> .....	220.9	230.8	226.8	229.2	230.4	232.0	231.8	233.9
Fixed investment.....	213.5	225.7	219.3	222.0	225.0	227.4	228.7	230.0
Nonresidential.....	237.3	248.9	243.0	245.7	248.6	250.0	251.4	251.8
Structures.....	199.8	212.3	205.6	208.4	211.5	214.5	215.7	217.5
Producers' durable equipment.....	235.0	240.4	241.2	242.7	240.7	240.7	237.7	241.3
Residential.....								
Change in business inventories.....								
<b>Net exports of goods and services</b> .....								
Exports.....	239.3	245.7	242.5	245.6	246.3	245.2	245.5	247.0
Imports.....	319.0	315.2	314.0	319.1	313.6	313.6	314.3	311.9
<b>Government purchases of goods and services</b> .....	212.2	226.2	219.3	222.4	224.5	227.2	230.8	233.1
Federal.....	214.7	230.2	223.9	227.1	228.4	230.1	235.0	237.1
National defense.....	219.7	236.5	230.1	233.4	234.6	236.3	241.6	244.0
Nondefense.....	201.7	214.0	207.9	211.0	212.6	214.2	218.1	219.7
State and local.....	210.6	223.5	216.1	219.2	221.9	225.2	228.0	230.5
<b>Addenda:</b>								
Gross domestic purchases <sup>1</sup> .....	207.2	219.1	213.0	215.6	217.3	220.4	223.1	224.5
Final sales.....	202.0	214.6	208.4	210.9	213.0	216.1	218.7	220.4
Final sales to domestic purchasers <sup>1</sup> .....	207.2	219.2	213.0	215.6	217.4	220.5	223.2	224.6
<b>Personal consumption expenditures, food</b> .....	208.8	217.4	211.7	215.3	217.3	218.4	218.5	219.0
<b>Personal consumption expenditures, energy</b> .....	359.6	362.2	366.1	361.9	348.9	364.1	373.7	358.4
<b>Other personal consumption expenditures</b> .....	185.5	199.1	191.6	194.3	197.3	200.8	204.0	206.6
<b>Gross domestic product</b> .....	202.1	214.7	208.5	210.9	213.0	216.1	218.7	220.4
Business.....	203.4	215.4	209.4	211.8	213.8	216.8	219.2	220.7
Nonfarm.....	203.3							

Table 7.1-7.2.

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

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted					1983
			1981	1982				
				IV	I	II	III	
<b>Gross national product</b> .....	195.51	207.15	201.55	203.68	205.98	208.51	210.42	213.41
Final sales.....	195.3	207.5	201.3	204.0	206.5	208.7	210.8	213.5
Change in business inventories.....								
<b>Goods</b> .....	187.0	193.6	191.5	191.8	193.5	194.8	194.4	197.3
Final sales.....	186.4	194.5	190.9	192.7	194.6	195.1	195.7	197.9
Change in business inventories.....								
Durable goods.....	180.2	185.4	183.5	182.0	185.8	188.6	184.9	186.3
Final sales.....	179.5	187.0	183.9	184.2	186.5	188.3	189.0	188.9
Change in business inventories.....								
Nondurable goods.....	192.0	199.1	197.0	198.3	198.8	199.1	200.3	204.4
Final sales.....	191.5	199.7	195.8	198.7	200.4	199.7	200.2	204.0
Change in business inventories.....								
<b>Services</b> .....	196.1	212.7	203.5	207.2	210.3	214.5	218.8	222.1
<b>Structures</b> .....	241.8	251.6	249.7	251.8	252.5	251.9	250.4	250.4
<b>Addenda:</b>								
Gross domestic purchases <sup>1</sup> .....	199.3	210.3	205.0	206.7	208.7	212.0	213.7	215.8
Final sales to domestic purchasers <sup>1</sup> .....	199.2	210.6	204.8	207.0	209.2	212.1	214.1	215.9

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

	1981	1982	201.55	203.68	205.98	208.51	210.42	213.41
<b>Gross national product</b> .....	195.51	207.15	201.55	203.68	205.98	208.51	210.42	213.41
<b>Gross domestic product</b> .....	195.5	207.2	201.6	203.7	206.0	208.5	210.4	213.4
Business.....	195.6	206.6	201.4	203.3	205.5	207.9	209.4	212.5
Nonfarm.....	195.5	207.1	202.0	203.7	205.8	208.4	210.7	213.4
Nonfarm less housing.....	198.0	209.5	204.6	206.2	208.2	210.7	213.0	215.7
Housing.....	174.8	188.0	180.4	183.5	185.9	189.6	193.0	195.6
Farm.....	197.4	188.6	185.5	191.1	193.5	174.9	188.6	
Statistical discrepancy.....	195.6	206.6	201.4	203.3	205.5	207.9	209.4	212.5
Households and institutions.....	205.5	222.0	211.9	216.1	219.8	224.8	227.3	228.9
Private households.....	212.1	231.2	218.4	232.7	229.4	231.8	230.9	230.1
Nonprofit institutions.....	205.0	221.4	211.4	215.0	219.1	224.3	227.0	228.8
Government.....	192.1	207.6	199.6	202.8	205.7	208.7	213.2	216.3
Federal.....	185.7	200.3	196.7	198.2	198.6	199.0	205.3	207.4
State and local.....	195.0	211.0	200.9	204.9	209.0	213.2	217.0	220.6
Rest of the world.....	193.6	205.5	199.5	201.8	204.3	206.9	209.1	212.3
<b>Addendum:</b>								
Gross domestic business product less housing.....	198.0							

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

	1981	1982	201.55	203.68	205.98	208.51	210.42	213.41
<b>Gross national product</b> .....	195.51	207.15	201.55	203.68	205.98	208.51	210.42	213.41
Less: Capital consumption allowances with CCAAdj.....	212.1	220.5	218.5	218.9	220.1	221.6	221.3	222.3
<b>Equals: Net national product</b> .....	193.6	205.5	199.5	201.8	204.3	206.9	209.1	212.3
Less:								
Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	174.7	180.1	178.0	175.6	180.4	183.7	180.6	188.2
Statistical discrepancy.....	195.6	206.6	201.4	203.3	205.5	207.9	209.4	
<b>Equals: National income</b> .....	195.9	208.7	202.2	205.1	207.3	209.8	212.7	

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							
	1981	1982	Seasonally adjusted					1983
			1981	1982				
				IV	I	II	III	
<b>Current-dollar cost and profit per unit of constant-dollar gross domestic product<sup>1</sup></b> .....	1.966	2.077	2.030	2.045	2.064	2.088	2.110	
Capital consumption allowances with CCAAdj.....	.222	.250	.236	.242	.247	.251	.259	
<b>Net domestic product</b> .....	1.743	1.827	1.795	1.803	1.817	1.837	1.851	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.202	.213	.208	.205	.211	.214	.221	
Domestic income.....	1.541	1.614	1.586	1.598	1.606	1.623	1.630	
Compensation of employees.....	1.305	1.391	1.349	1.376	1.388	1.392	1.409	
Corporate profits with IVA and CCAAdj.....	.165	.139	.159	.140	.134	.146	.135	
Profits tax liability.....	.072	.046	.063	.045	.043	.049	.046	
Profits after tax with IVA and CCAAdj.....	.093	.093	.096	.095	.091	.097	.089	
Net interest.....	.071	.085	.078	.082	.085	.085	.086	

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted					1983
			1981	1982				
				IV	I	II	III	
<b>Auto output</b> .....	166.8	175.3	169.7	171.0	176.0	178.0	175.2	177.4
<b>Final sales</b> .....	166.5	175.2	171.3	172.2	174.3	177.9	176.3	179.0
Personal consumption expenditures.....	186.8	198.5	195.0	194.9	196.9	203.0	199.2	202.4
New autos.....	170.9	177.8	175.4	175.5	177.0	179.5	179.0	180.5
Net purchases of used autos.....								
Producers' durable equipment.....	142.8	140.9	142.6	140.7	144.4	143.6	135.0	135.6
New autos.....	171.4	178.1	175.6	175.8	177.2	179.8	179.2	180.8
Net purchases of used autos.....								
Net exports.....	172.8	181.0	180.2	178.8	180.0	182.8	182.2	183.4
Exports.....	232.1	229.8	234.6	232.9	227.5	226.9	232.9	229.1
Imports.....	144.1	144.2	143.2	143.0	144.6	146.2	142.9	143.6
Government purchases.....								
Change in business inventories.....								
<b>Addenda:</b>								
Domestic output of new autos <sup>1</sup> .....	171.3	178.0	175.7	175.2	177.2	180.2	178.4	180.9
Sales of imported new autos <sup>2</sup> .....	171.1	177.9	175.5	175.6	177.1	179.5	179.1	180.5

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

	208.6	213.8	215.3	211.5	210.9	217.0	216.7	218.9
<b>Truck output<sup>1</sup></b> .....	208.6	213.8	215.3	211.5	210.9	217.0	216.7	218.9
<b>Final sales</b> .....	209.4	214.0	217.8	211.7	212.1	216.2	216.3	219.1
Personal consumption expenditures.....	171.2	177.7	175.4	175.6	177.0	179.6	179.1	180.6
Producers' durable equipment.....	221.7	236.0	231.4	231.1	234.0	240.0	240.7	245.9
Net exports.....	219.7	235.7	228.9	231.1	233.4	239.9	240.7	246.1
Exports.....	195.5	210.3	201.6	201.9	210.4	215.8	214.3	216.7
Imports.....	221.8	236.6	231.4	231.0	234.0	240.0	240.7	245.9
Government purchases.....								
Change in business inventories.....								

**Table 7.11.—Implicit Price Deflators for Personal Consumption Expenditures by Major Type of Product**

	194.5	206.0	199.8	202.2	204.0	207.7	210.0	211.2
<b>Personal consumption expenditures</b> .....	194.5	206.0	199.8	202.2	204.0	207.7	210.0	211.2
<b>Durable goods</b> .....	167.5	174.9	171.3	173.0	174.0	176.1	176.3	177.4
Motor vehicles and parts.....	181.8	190.8	188.0	188.0	189.8	193.8	191.6	193.7
Furniture and household equipment.....	151.7	157.0	154.4	155.7	156.8	157.4	158.0	158.2
Other.....	175.6	182.1	179.0	181.2	180.7	182.6	184.0	185.0
<b>Nondurable goods</b> .....	202.7	208.8	205.6	206.8	207.1	210.0	211.0	210.0
Food.....	206.9	215.9	210.1	213.4	215.8	217.1	217.3	217.9
Clothing and shoes.....	138.5	141.0	139.7	140.2	140.8	141.7	141.4	141.6
Gasoline and oil.....	376.7	353.4	378.5	363.9	395.9	355.6	359.0	332.7
Other nondurable goods.....	203.8	216.5	208.5	210.7	214.1	218.2	223.0	224.2
Fuel oil and coal.....	571.6	565.4	580.7	568.5	544.1	562.4	588.3	547.7
Other.....	185.4	200.3	190.7	194.6	198.5	201.4	206.8	210.9
<b>Services</b> .....	196.3	213.3	203.6	207.4	210.6	215.3	219.7	222.9
Housing.....	181.6	196.2	187.8	191.1	193.9	198.1	201.7	204.5
Household operation.....	203.2	225.4	212.6	219.1	221.9	227.6	232.9	235.2
Electricity and gas.....	270.9	305.1	282.9	293.4	300.9	309.0	317.3	319.3
Other.....	160.1	175.2	167.5	170.3	173.4	177.3	179.9	183.7
Transportation.....	201.9	216.1	207.3	209.7	213.7	218.4	222.5	225.9
Other.....	205.8	223.5	213.7	217.2	220.6	225.6	230.4	234.1

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Government purchases of goods and services.....</b>	<b>207.9</b>	<b>222.3</b>	<b>215.0</b>	<b>217.8</b>	<b>221.1</b>	<b>223.9</b>	<b>226.0</b>	<b>230.9</b>
<b>Federal.....</b>	<b>207.4</b>	<b>221.6</b>	<b>216.0</b>	<b>218.3</b>	<b>221.6</b>	<b>223.0</b>	<b>223.5</b>	<b>231.4</b>
National defense.....	209.0	227.2	219.5	223.0	225.2	226.5	233.6	236.2
Durable goods.....	203.5	225.9	212.6	216.4	225.4	227.0	233.6	236.0
Nondurable goods.....	486.9	488.1	503.0	479.5	472.2	484.4	514.5	514.3
Services.....	196.5	213.4	207.5	210.8	211.5	213.0	218.1	220.7
Compensation of employees.....	185.3	201.7	198.5	199.6	200.0	200.4	207.0	208.5
Military.....	184.8	205.6	203.1	203.5	203.6	203.8	211.3	211.6
Civilian.....	186.0	196.3	192.0	194.0	194.8	195.5	200.9	204.1
Other services.....	217.9	233.7	223.4	232.7	231.7	233.9	236.1	241.6
Structures.....	221.5	232.6	227.5	231.4	235.4	233.8	230.0	232.5
Nondefense.....	204.2	210.1	209.4	209.6	212.6	214.9	204.8	220.6
Durable goods.....	194.0	211.0	202.9	206.3	209.8	213.7	214.8	213.6
Nondurable goods.....	193.3	205.5	199.5	202.6	203.9	205.4	210.0	212.9
Services.....	186.5	197.4	193.1	195.3	196.0	196.4	201.9	205.0
Compensation of employees.....	203.4	218.1	209.0	213.4	216.7	219.9	222.5	225.1
Other services.....	222.6	231.8	227.8	230.5	231.8	232.6	232.5	233.1
Structures.....	208.2	222.7	214.3	217.5	220.9	224.5	227.8	230.5
Durable goods.....	200.5	209.6	206.0	206.5	208.4	210.9	212.6	214.3
Nondurable goods.....	265.3	271.6	269.5	270.5	269.6	272.3	273.9	267.2
Services.....	183.8	217.9	207.7	211.6	215.8	220.0	224.0	228.0
Compensation of employees.....	195.0	211.0	200.9	204.9	209.0	213.2	217.0	220.6
Other services.....	219.5	239.0	229.0	232.3	236.9	241.1	245.8	250.9
Structures.....	230.3	232.5	232.3	233.6	232.8	232.1	231.3	231.3

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Exports of goods and services.....</b>	<b>231.8</b>	<b>236.9</b>	<b>234.5</b>	<b>237.3</b>	<b>236.8</b>	<b>236.9</b>	<b>236.5</b>	<b>238.4</b>
Merchandise.....	258.3	260.8	260.2	263.6	262.0	259.7	257.3	256.9
Durable goods.....	259.5	276.2	267.8	274.0	276.4	276.8	278.0	280.2
Nondurable goods.....	256.6	242.7	250.7	251.4	245.5	238.9	234.0	231.9
Services.....	197.3	208.6	202.1	204.7	207.2	210.1	212.7	215.8
Factor income.....	193.7	205.4	199.5	201.8	204.3	206.9	209.1	212.3
Other.....	203.8	214.1	206.6	209.5	212.5	215.7	218.9	221.1
<b>Imports of goods and services.....</b>	<b>293.1</b>	<b>284.1</b>	<b>286.1</b>	<b>286.4</b>	<b>278.8</b>	<b>285.4</b>	<b>286.0</b>	<b>273.9</b>
Merchandise.....	329.0	311.8	314.3	318.1	306.7	312.0	310.6	290.3
Durable goods.....	238.4	240.4	236.4	242.9	245.5	239.7	233.1	236.4
Nondurable goods.....	501.9	447.5	464.6	473.0	426.4	444.1	448.4	395.1
Services.....	217.1	226.5	221.3	222.5	224.1	227.5	232.3	235.8
Factor income.....	193.6	205.4	199.5	201.8	204.2	206.9	209.0	212.3
Other.....	241.7	249.6	242.5	245.0	247.5	251.2	255.0	257.6

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

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Merchandise exports.....</b>	<b>258.3</b>	<b>260.8</b>	<b>260.2</b>	<b>263.6</b>	<b>262.0</b>	<b>259.7</b>	<b>257.3</b>	<b>256.9</b>
Foods, feeds, and beverages.....	246.9	218.2	228.0	228.6	223.3	212.2	205.4	208.2
Industrial supplies and materials.....	293.2	284.3	292.6	291.0	287.8	280.7	277.1	273.3
Durable goods.....	293.2	284.3	292.5	291.0	287.8	280.8	277.2	273.4
Nondurable goods.....	293.2	284.4	292.6	291.0	287.8	280.7	277.1	273.3
Capital goods, except autos.....	248.4	270.9	258.6	266.6	269.7	271.9	276.4	278.6
Autos.....	286.4	312.0	303.4	308.7	315.0	313.6	310.5	314.8
Consumer goods.....	200.7	201.5	204.2	205.6	202.9	200.3	197.0	197.0
Durable goods.....	244.1	251.6	248.3	249.8	249.3	254.2	253.2	252.5
Nondurable goods.....	173.1	174.1	177.4	179.8	176.5	171.8	168.7	169.0
Other.....	258.3	260.5	260.0	263.4	262.1	259.8	257.1	256.7
Durable goods.....	258.3	260.5	260.0	263.4	262.3	259.8	257.1	256.7
Nondurable goods.....	258.3	260.5	260.0	263.4	262.0	259.8	257.1	256.7
<b>Merchandise imports.....</b>	<b>329.0</b>	<b>311.8</b>	<b>314.3</b>	<b>318.1</b>	<b>306.7</b>	<b>312.0</b>	<b>310.6</b>	<b>290.3</b>
Foods, feeds, and beverages.....	259.3	239.3	238.2	243.4	239.4	235.2	240.3	243.4
Industrial supplies and materials, excluding petroleum.....	296.8	286.9	293.5	296.1	290.1	282.7	277.9	273.6
Durable goods.....	296.9	288.2	293.7	296.6	290.4	284.4	279.4	274.6
Nondurable goods.....	296.7	285.3	293.2	295.5	289.7	280.9	276.3	272.5
Petroleum and products.....	1,297.1	1,206.4	1,246.8	1,248.2	1,181.0	1,195.7	1,199.8	1,130.5
Capital goods except autos.....	191.9	194.5	185.4	195.5	200.0	191.5	191.0	193.3
Autos.....	288.0	312.1	303.3	311.0	307.7	315.5	314.1	323.6
Consumer goods.....	231.3	236.3	228.8	237.4	239.0	236.9	232.1	232.7
Durable goods.....	208.3	204.6	209.1	209.0	211.5	204.1	194.2	194.2
Nondurable goods.....	279.3	303.2	266.9	303.2	291.6	302.2	316.6	316.5
Other.....	249.2	249.7	244.8	252.5	252.9	248.1	244.9	247.1
Durable goods.....	249.2	249.6	244.9	252.5	252.8	247.9	245.0	247.2
Nondurable goods.....	249.2	249.8	244.6	252.5	253.1	248.3	244.8	246.9
<b>Addenda:</b>								
Exports:								
Agricultural products.....	246.3	213.4	229.1	227.8	222.0	212.8	208.5	210.0
Nonagricultural products.....	261.3	272.4	268.5	273.7	274.0	271.4	270.5	270.7
Imports of nonpetroleum products.....	249.8	250.0	245.0	253.0	253.1	248.6	245.2	247.3

**Table 7.21.—Implicit Price Deflators for Inventories and Final Sales of Business**

	Index numbers, 1972=100							
	1981	1982	Seasonally adjusted at annual rates					1983
			1981	1982				
			IV	I	II	III	IV	
<b>Inventories<sup>1</sup>.....</b>			<b>236.6</b>	<b>235.6</b>	<b>237.1</b>	<b>237.6</b>	<b>237.5</b>	<b>239.1</b>
Farm.....			189.3	195.3	200.4	193.1	186.1	194.7
Nonfarm.....			243.3	241.4	242.4	244.0	245.0	245.6
Durable goods.....			228.6	227.7	229.0	230.8	231.9	233.3
Nondurable goods.....			265.9	262.0	262.5	264.1	264.6	263.7
Manufacturing.....			246.8	244.6	243.9	245.1	245.8	246.8
Durable goods.....			232.6	231.1	231.7	233.5	234.2	235.1
Nondurable goods.....			277.7	273.8	270.6	270.6	270.7	271.6
Wholesale trade.....			245.2	242.4	244.4	245.1	246.4	246.3
Durable goods.....			231.6	231.7	233.3	235.7	236.8	238.3
Nondurable goods.....			272.6	264.3	266.2	264.1	265.0	261.4
Merchant wholesalers.....			236.4	235.9	238.6	238.7	239.1	239.8
Durable goods.....			232.4	232.8	234.4	236.9	237.8	239.2
Nondurable goods.....			244.9	242.4	247.1	242.4	241.5	240.8
Nonmerchant wholesalers.....			288.7	275.3	274.2	278.9	285.5	280.7
Durable goods.....			227.8	225.9	227.3	229.0	230.7	233.0
Nondurable goods.....			394.1	361.1	358.4	366.9	378.5	361.6
Retail trade.....			212.9	211.5	214.4	216.7	217.4	217.9
Durable goods.....			211.3	210.9	213.4	216.5	218.5	221.1
Nondurable goods.....			214.2	211.9	215.3	216.9	216.5	215.3
Other.....			301.7	300.9	305.2	311.6	314.2	314.4
<b>Final sales<sup>2</sup>.....</b>			<b>201.2</b>	<b>203.7</b>	<b>206.1</b>	<b>208.1</b>	<b>209.9</b>	<b>212.6</b>
Final sales of goods and structures.....			199.4	201.1	203.0	203.3	203.6	206.0



# Gross Product by Industry, 1982

REAL GNP in 1982 decreased by 1.7 percent, following an increase of 1.9 percent in 1981 (table 1). The turnaround in terms of industry real gross product was widespread, as every industry either declined following an increase, declined more, or increased less.

The largest percentage declines in real gross product in 1982 were in mining and durable goods manufacturing. Construction, nondurable

goods manufacturing, transportation, electric, gas, and sanitary services, and wholesale trade also had large declines. Farms, finance and insurance, and services increased.

Prices as measured by the GNP implicit price deflator increased by 6.0 percent in 1982, following an increase of 9.4 percent in 1981. There were substantial decelerations in the increases in mining, durable goods manufacturing, and wholesale trade, and

the deflator for farms decreased following an increase.

The industry estimates for 1982 as well as those for 1980-81 will be revised as part of the annual revision of the national income and product accounts. The revised estimates will appear in the July 1983 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			
	1980	1981	1982	1980	1981	1982	1980	1981	1982	Constant (1972) dollars		Implicit price deflators	
										1981	1982	1981	1982
Gross national product.....	2,633.1	2,937.7	3,059.3	1,474.0	1,502.6	1,476.9	178.6	195.5	207.1	1.9	-1.7	9.4	6.0
Domestic industries (gross domestic product).....	2,587.0	2,888.5	3,011.6	1,447.9	1,477.2	1,453.6	178.7	195.5	207.2	2.0	-1.6	9.4	6.0
Private industries.....	2,276.3	2,553.8	2,648.0	1,276.0	1,309.8	1,281.9	178.4	195.0	206.6	2.6	-2.1	9.3	5.9
Agriculture, forestry, and fisheries.....	74.1	85.6	86.2	39.1	43.4	45.1	189.7	197.2	191.3	11.1	3.8	4.0	-3.0
Farms.....	65.4	75.8	75.6	34.2	38.4	40.1	191.0	197.4	188.6	12.2	4.3	3.3	-4.5
Agricultural services, forestry, and fisheries.....	8.7	9.8	10.7	4.8	5.0	5.0	180.3	195.8	212.8	3.3	.1	8.6	8.7
Mining.....	94.1	127.2	121.1	21.6	22.3	20.1	436.0	570.1	603.2	3.4	-10.0	30.7	5.8
Construction.....	121.2	127.2	129.6	53.3	52.0	49.4	227.5	244.6	262.2	-2.4	-4.9	7.5	7.2
Manufacturing.....	581.2	644.0	633.5	351.2	359.2	338.4	165.5	179.3	187.2	2.3	-5.8	8.4	4.4
Durable goods.....	347.8	388.4	370.9	210.0	215.3	198.1	165.6	180.4	187.2	2.5	-8.0	8.9	3.8
Nondurable goods.....	233.4	255.6	262.6	141.2	143.9	140.3	165.2	177.7	187.2	1.9	-2.5	7.5	5.3
Transportation and public utilities.....	232.4	261.9	281.3	140.8	142.1	138.1	165.1	184.3	208.8	.9	-2.8	11.6	10.6
Transportation.....	99.2	107.6	110.1	52.3	50.5	47.6	189.6	213.0	231.3	-3.5	-5.7	12.4	8.6
Communication.....	68.0	77.9	84.9	53.4	56.3	56.6	127.4	138.3	150.1	5.5	.4	8.6	8.5
Electric, gas, and sanitary services.....	65.2	76.4	86.3	35.1	35.3	33.9	186.0	216.7	254.7	.6	-3.9	16.5	17.5
Wholesale trade.....	189.2	212.2	212.8	102.9	108.4	105.7	183.8	195.8	201.2	5.3	-2.4	6.5	2.8
Retail trade.....	236.5	260.5	276.8	140.3	142.1	140.4	168.5	183.4	197.1	1.2	-1.2	8.8	7.5
Finance, insurance, and real estate.....	405.2	448.2	481.6	237.9	243.6	244.6	170.3	184.0	196.9	2.4	.4	8.0	7.0
Finance and insurance.....	116.1	124.3	135.4	63.6	65.4	66.6	182.7	189.9	203.2	3.0	1.8	3.9	7.0
Real estate.....	289.1	324.0	346.3	174.3	178.2	178.0	165.8	181.8	194.5	2.2	-1.1	9.6	7.0
Services.....	342.5	386.9	425.0	189.0	196.7	200.0	181.2	196.7	212.5	4.1	1.7	8.5	8.0
Government and government enterprises.....	306.8	336.7	361.9	177.3	178.1	177.4	173.0	189.1	204.0	.4	-4	9.3	7.9
Government.....	272.8	299.7	322.7	155.4	156.0	155.4	175.6	192.1	207.6	.4	-4	9.4	8.1
Government enterprises.....	34.0	37.0	39.2	22.0	22.0	22.0	155.0	167.8	178.7	.3	-3	8.2	6.5
Statistical discrepancy.....	3.9	-1.9	1.7	2.2	-9	.8							
Residual <sup>1</sup> .....				-7.7	-9.7	-6.5							
Rest of the world.....	46.1	49.2	47.7	26.1	25.4	23.2				-2.8	-8.5		

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

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.

# Federal Budget Developments

**R**EVISED estimates of Federal unified budget receipts and outlays for fiscal years 1983 and 1984 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, administration policy changes, and legislation passed by Congress since January. Major legislation consists of the Social Security Act Amendments of 1983 and the Emergency Supplemental Appropriations, Fiscal 1983 ("jobs bill"), which, among other things, provided \$4.6 billion in budget authority for jobs and recession relief. The "jobs bill" will provide jobs mainly through public works projects, general construction (such as highways), and water projects. The largest item in the bill is \$1.0 billion for community development grants; up to one-half of that amount can be used for public service jobs.

On the basis of the revised economic assumptions, real GNP is expected to increase substantially more in calendar year 1983 than expected earlier this year (table 1). From the fourth quarter of 1982 to the fourth quarter of 1983, real GNP is estimated to increase 4.7 percent, 1.6 percentage points more than estimated in January. This higher growth is the result of a stronger-than-expected first quarter of 1983. Real GNP is expected to increase about 5 percent (annual rate) through the rest of 1983 and to slow somewhat in 1984. From the fourth quarter of 1983, real GNP is estimated to increase 4.0 percent, the same as estimated earlier this year. Consumer prices rise considerably less in 1983 than assumed in January—2.5 percent compared with 5.0 percent—but are unrevised in 1984. The unem-

ployment rate is also expected to be lower, 9.7 percent in the fourth quarter of 1983 and 8.8 percent in the fourth quarter of 1984, compared with 10.4 percent and 9.5 percent, respectively. Interest rates on 91-day Treasury bills are the same as assumed earlier.

For fiscal year 1983, a \$210.2 billion deficit is estimated, compared with \$207.7 billion in January (table 2). Receipts are \$0.8 billion higher; a \$1.3

billion upward revision due to the revised economic assumptions and reestimates is partly offset by a \$0.5 billion downward revision from a policy change. The policy change is a shift in the timing of the 10-percent withholding of interest and dividend income provided for by the Tax Equity and Fiscal Responsibility Act of 1982. Under this act, the 10-percent withholding—effective July 1, 1983—was to occur when interest and divi-

Table 1.—Economic Assumption Underlying the April Update of the Fiscal Year 1984 Budget

	Calendar year					
	Actual		Estimates		Differences from January	
	1981	1982	1983	1984	1983	1984
	Billions of dollars					
GNP:						
Current dollars.....	2,988	3,059	3,285	3,592	23	26
1972 dollars.....	1,503	1,477	1,519	1,585	23	30
Incomes:						
Personal income.....	2,416	2,570	2,740	2,955	13	60
Wages and salaries.....	1,494	1,561	1,650	1,786	10	6
Corporate profits before taxes.....	232	172	178	219	1	13
	Percent change from preceding year					
GNP in current dollars:						
Annual average.....	11.6	4.1	7.4	9.4	.7	.1
Fourth quarter.....	9.6	3.5	9.3	9.2	.5	
GNP in 1972 dollars:						
Annual average.....	1.9	-1.7	2.9	4.3	1.5	.4
Fourth quarter.....	.7	-9	4.7	4.0	1.6	
GNP deflator:						
Annual average.....	9.4	5.9	4.4	4.8	-.8	-.4
Fourth quarter.....	8.9	4.4	4.5	5.0	-1.1	
Consumer price index:						
Annual average.....	10.3	6.0	2.9	4.1	-2.0	-.5
Fourth quarter.....	9.4	4.5	2.5	4.4	-2.5	
	Percent					
Unemployment rate:						
Annual average.....	7.5	9.5	10.0	9.1	-.7	-.8
Fourth quarter.....	8.1	10.5	9.7	8.8	-.7	-.7
Insured unemployment rate: <sup>1</sup>						
Annual average.....	3.5	4.7	4.4	4.1	-.9	-.6
Fourth quarter.....	3.7	5.2	4.3	4.0	-.9	-.5
Interest rate, 91-day Treasury bills: <sup>2</sup>	14.1	10.7	8.0	7.9		

1. Insured unemployment under the State regular unemployment insurance program, excluding recipients of extend 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: "April Update of the 1984 Budget."

dends were paid or credited. While the withholding provision will remain in effect, regulations have been issued allowing end-of-year withholding (instead of when paid or credited) on selected interest income, such as that earned on money market deposit accounts.

Outlays in 1983 are \$3.3 billion higher; a \$7.0 billion upward revision due to policy changes and reestimates is partly offset by a \$3.6 billion downward revision due to the revised economic assumptions. The major upward revisions are for agriculture price support and related programs (\$3.0 billion), jobs (\$1.9 billion), and supplemental unemployment compensation (\$1.0 billion). Lower prices for oil and natural gas reduce offsetting receipts from Outer Continental Shelf leases, resulting in a \$1.3 billion upward revision in outlays. The major downward revisions are for regular unemployment compensation (\$5.4 billion), reflecting the lower rate of unemployment mentioned earlier, and for net interest (\$0.9 billion), reflecting lower borrowing. On balance, outlays for all other programs are revised up \$2.6 billion.

For fiscal year 1984, a deficit of \$190.2 billion is estimated, compared with \$188.8 billion in January. Receipts are \$6.0 billion lower as a result of policy changes. The major policy changes reducing receipts are the shift to end-of-year withholding of interest and dividends (\$3.0 billion) and the recently enacted social security amendments (\$2.5 billion). The social security amendments differ in three major ways from those recommended by the National Commission on Social Security Reform and reflected in the January estimates (see the February 1983 SURVEY OF CURRENT BUSINESS for a discussion of the recommendations). First, the legislation increased the adjusted gross income threshold for the taxation of social security benefits to \$25,000 from \$20,000 for single taxpayers and to \$32,000 from \$25,000 for married couples filing a joint return. Second, the legislation provides for a 0.3 percentage point reduction in the employee share of the rate increase in 1984, instead of providing a credit against individual income taxes. Third, the legislation provides for a 2.7 percentage point reduction 1984 for the new combined rate for self-employed, instead of pro-

viding for a deduction of one-half of the combined rate in calculating taxable income. In 1985, the reduction is 2.3 percentage points, and from 1986-89, 2.0 percentage points.

Outlays in 1984 are \$4.6 billion lower; a \$7.5 billion downward revision due to the revised economic as-

sumptions and reestimates is partly offset by a \$2.9 billion upward revision due to policy changes. The major downward revisions are for regular unemployment compensation (\$4.4 billion), agriculture price support and related programs (\$2.5 billion), social security (\$1.4 billion), and net interest

Table 2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	Fiscal year						
	Actual 1982	Estimates					
		1983			1984		
	January	April	Revision	January	April	Revision	
<b>Unified budget</b>							
Receipts.....	617.8	597.5	598.3	0.8	659.7	653.7	-6.0
Outlays.....	728.4	805.2	805.5	3.3	848.5	843.9	-4.6
Surplus or deficit (-).....	-110.6	-207.7	-210.2	-2.5	-188.8	-190.2	-1.5
<b>National income and product accounts</b>							
Receipts.....	619.0	628.5	631.2	2.7	686.2	682.3	-3.9
Personal tax and nontax receipts.....	303.1	293.0	298.8	5.8	304.2	304.8	.6
Corporate profits tax accruals.....	50.1	50.5	49.3	-1.2	59.4	62.8	3.4
Indirect business tax and nontax accruals.....	50.7	55.2	52.2	-3.0	59.3	54.6	-4.7
Contributions for social insurance.....	215.1	229.8	230.9	1.1	263.3	260.1	-3.2
Expenditures.....	739.7	829.0	829.1	.1	877.3	869.6	-7.7
Purchases of goods and services.....	250.1	279.0	280.6	1.6	302.5	297.0	-5.5
National defense.....	173.0	199.4	199.3	-.1	229.0	229.2	.2
Nondefense.....	77.1	79.6	81.3	1.7	73.5	67.8	-5.7
Transfer payments.....	310.8	348.6	345.0	-3.6	357.4	351.3	-6.1
To persons.....	304.8	342.2	338.5	-3.7	350.9	344.8	-6.1
To foreigners.....	6.0	6.4	6.5	.1	6.5	6.5	.....
Grants-in-aid to State and local governments.....	83.4	86.9	87.7	.8	90.1	90.9	.8
Net interest paid.....	82.5	92.4	91.8	-.6	106.6	105.8	-.8
Subsidies less current surplus of government enterprises.....	12.8	22.1	23.6	1.5	20.7	24.6	3.9
Less: Wage accruals less disbursements.....	-.1	.....	-.4	-.4	.....	.....	.....
Surplus or deficit (-).....	-120.7	-200.5	-197.9	2.6	-191.1	-187.3	3.8

Sources: "April Update of the 1984 Budget" 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					
	1982	1983	1983			1984		
	IV	I	II	III	IV	I	II	III
Receipts.....	615.0	626.4	641.9	647.9	663.0	673.8	691.6	711.7
Personal tax and nontax receipts.....	299.2	298.2	304.2	304.3	310.1	300.9	306.4	315.8
Corporate profits tax accruals.....	47.3	49.5	48.1	51.1	53.7	58.7	66.3	72.6
Indirect business tax and nontax accruals.....	50.7	51.4	53.9	52.7	54.0	54.4	54.9	55.1
Contributions for social insurance.....	217.8	227.3	235.7	239.8	245.2	259.8	264.0	268.2
Expenditures.....	819.2	802.2	829.1	866.2	855.1	865.4	872.1	885.7
Purchases of goods and services.....	278.7	271.9	278.4	293.9	283.4	297.6	303.1	303.6
National defense.....	189.3	191.6	202.3	214.0	220.7	225.9	231.4	238.5
Nondefense.....	89.4	80.3	76.1	79.9	62.7	71.7	71.7	65.1
Transfer payments.....	345.5	339.6	345.8	349.0	344.9	352.3	353.9	354.3
To persons.....	337.4	334.0	339.8	342.6	338.4	345.8	347.4	347.8
To foreigners.....	8.0	5.6	6.0	6.4	6.5	6.5	6.5	6.5
Grants-in-aid to State and local governments.....	84.6	85.8	89.6	90.8	90.6	90.9	91.1	91.0
Net interest paid.....	89.1	88.6	92.8	96.7	100.4	104.1	107.5	111.2
Subsidies less current surplus of government enterprises.....	21.4	16.2	20.9	35.8	35.8	20.5	16.5	25.6
Less: Wage accruals less disbursements.....	.....	.....	-1.6	.....	.....	.....	.....	.....
Surplus or deficit (-).....	-204.2	-175.8	-187.2	-218.3	-192.1	-191.6	-180.5	-174.0

(\$0.9 billion). The downward revision in agriculture price support programs reflects a larger than expected participation in the payment-in-kind program, and that in social security reflects a lower cost-of-living adjustment due to the downward revision in the rate of increase in consumer prices. Major upward revisions are for jobs (\$2.4 billion), and for lower offset-

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

[Billions of dollars]

	Fiscal year		
	1982	1983	1984
Unified budget receipts .....	617.8	598.3	653.7
Less: Coverage differences .....	1.3	1.4	1.6
Financial transactions .....			
Plus: Netting differences:			
Contributions to government employees retirement funds .....	10.7	12.2	14.0
Other .....	9.3	11.0	13.6
Timing differences:			
Corporate income tax .....	-13.1	3.0	-3.6
Federal and State unemployment insurance taxes .....	.2	.9	.9
Withheld personal income tax and social security contributions .....	-4.3	5.8	4.5
Excise taxes .....	-5	1.3	.8
Other .....			
Miscellaneous .....	.2	.1	
Equals: Federal Government receipts, NIPA .....	619.0	631.2	682.3

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

[Billions of dollars]

	Fiscal year		
	1982	1983	1984
Unified budget outlays .....	728.4	808.5	843.9
Less: Coverage differences:			
Geographic .....	4.6	4.8	4.8
Off-budget Federal entities:			
Bank: Federal Financing .....	-14.1	-14.1	-10.9
Strategic Petroleum Reserve .....	-3.7	-1.7	-1.5
Other .....	.5	-1.0	-2.0
Other .....	.5	.6	.6
Financial transactions:			
Net lending .....	19.0	19.1	15.1
Other .....	.5	.3	-5
Net purchases of land:			
Outer Continental Shelf .....	-2.7	-7.0	-6.3
Other .....	.2	-1	-4
Plus: Netting differences:			
Contributions to government employees retirement funds .....	10.7	12.2	14.0
Other .....	9.3	11.0	13.6
Timing differences:			
National defense purchases .....	-1.2	-1.9	-2.4
Other .....	-3.0	0	-.8
Miscellaneous .....	.3	.2	.2
Equals: Federal Government expenditures, NIPA .....	739.7	829.1	869.6

ting receipts from Outer Continental Shelf leases (\$1.9 billion). On balance, outlays for all other programs are revised up \$0.3 billion.

*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 1983 receipts are \$2.7 billion higher, expenditures are \$0.1 billion higher, and the deficit is \$2.6 billion lower than estimated in January. (Details of the January estimates are discussed in the February SURVEY.)

The upward revision in receipts is more than accounted for by personal tax and nontax receipts (\$5.8 billion) and contributions for social insurance (\$1.1 billion). The revision in personal taxes is due to higher incomes and reestimates of tax law changes, such as the delay in the withholding of interest and dividends. The revision in contributions is due to higher incomes. Partly offsetting these increases are downward revisions in indirect business tax and nontax accruals (\$3.0 billion)—largely due to lower windfall profit taxes—and in corporate profits tax accruals (\$1.2 billion).

Although expenditures in total are revised only slightly, there are significant revisions in most categories. Upward revisions are in nondefense purchases of goods and services (\$1.7 billion), subsidies less current surplus of government enterprises (\$1.5 billion), and in grants-in-aid to State and local governments (\$0.8 billion). In nondefense purchases, the upward revision is due to higher agricultural purchases by the Commodity Credit Corporation (CCC) and higher purchases due to the jobs bill. The increase in agricultural purchases by the CCC is the net result of higher regular purchases (\$2.1 billion) and higher payments in kind (\$1.4 billion), which will lower CCC purchases in the NIPA's. (See the February SURVEY for a discussion of the treatment of the payments-in-kind program in the NIPA's.) In subsidies less current surplus of government enterprises, the revision is due to the higher payments-in-kind, and that in grants is largely due to increases in

education and community development, the latter reflecting the jobs bill. Downward revisions are in transfer payments to persons (\$3.7 billion) and net interest paid (\$0.6 billion). In transfer payments, the revision is more than accounted for by unemployment benefits (\$4.2 billion); on balance, all other transfer payments are revised up slightly. In net interest, the revision is due to the lower borrowing mentioned earlier.

For fiscal year 1984, receipts are \$3.9 billion lower, expenditures are \$7.7 billion lower, and the deficit is \$3.8 billion lower. Downward revisions in indirect business tax and nontax accruals (\$4.7 billion) and in contributions for social insurance (\$3.2 billion) more than account for the revision in total receipts. The revision in indirect business taxes is due to lower windfall profit taxes; that in contributions is due to the social security amendments mentioned earlier. Partly offsetting these decreases are upward revisions in corporate profits tax accruals (\$3.4 billion), reflecting higher profits, and in

**Table 6.—High-Employment Surplus or Deficit (—), NIPA Basis**

[Billions of dollars]

	Level <sup>1</sup>	Change	Addendum: High-employment surplus or deficit (-) with a 6-percent unemployment rate	
			Level	Change
<b>Calendar year:</b>				
1981 .....	4.5	21.6	-16.8	17.8
1982 .....	-29.8	-34.3	-55.0	-38.2
1983 .....	-55.7	-25.9	-84.2	-29.2
<b>Quarters:</b>				
1981:				
I .....	10.4	21.0	-9.3	20.2
II .....	22.0	11.6	.9	10.2
III .....	5.9	-16.1	-16.0	-16.9
IV .....	-20.3	-26.2	-42.7	-26.7
1982:				
I .....	-15.6	4.7	-39.6	3.1
II .....	-6.2	9.4	-31.0	8.6
III .....	-33.1	-26.9	-58.5	-27.5
IV .....	-64.3	-31.2	-90.9	-32.4
1983:				
I .....	-35.2	29.1	-62.0	28.9
II .....	-45.3	-10.1	-74.0	-12.0
III .....	-82.1	-36.8	-111.0	-37.0
IV .....	-60.1	22.0	-89.7	21.3
1984:				
I .....	-63.3	-3.2	-93.6	-3.9
II .....	-54.2	9.1	-85.7	7.9
III .....	-49.9	4.3	-82.4	3.3

1. Based on a high-employment unemployment rate of 5.1 percent for 1981:1-1981:4, 5.0 percent for 1982:1-1983:1, and 4.9 percent for 1983:2-1984:3.

personal tax and nontax receipts (\$0.6 billion).

The downward revision in expenditures is more than accounted for by transfer payments to persons (\$6.1 billion) and nondefense purchases of goods and services (\$5.7 billion). The revision in transfer payments is due to lower unemployment benefits and social security benefits, the latter reflecting a lower cost-of-living adjustment—3.5 percent compared with 5.1 percent. Nondefense purchases are revised down due to the higher payments in kind, \$8.7 billion compared with \$3.8 billion estimated earlier. Partly offsetting these decreases are upward revisions in subsidies less cur-

rent surplus of government enterprises (\$3.9 billion) due to the higher payments in kind, and in grants (\$0.8 billion), largely due to the jobs bill.

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

*High-employment surplus or deficit.*—As measured on a high-employment basis, the Federal sector of the NIPA was in deficit in calendar year 1982; the deficit will widen in 1983 by \$26 billion (table 6). On a quarterly basis, the deficit increases significantly in the third quarter of 1983 when

the final withholding rate cut under the Economic Recovery Tax Act of 1981 becomes effective; thereafter it declines.

The high-employment deficit discussed above is based on a high-employment unemployment rate that is 5.1 percent in 1981, declines to 4.9 percent by mid-1983, and remains flat thereafter. Table 6 also shows what the high-employment surplus or deficit would be assuming a high-employment unemployment rate of 6 percent throughout the 1981-84 period. On this basis, the high-employment deficit is \$20 billion to \$30 billion higher, but follows the same quarterly pattern.

# Personal Income and Adjusted Gross Income, 1977-81

**A**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 1971-81 is provided in this article. An earlier article, in the November 1981 SURVEY OF CURRENT BUSINESS, had provided reconciliation estimates for 1947-78. The present article provides revised estimates for 1977-78 that reflect the revisions of personal income released in July 1982, extends the estimates to 1981, and is based on an improved reconciliation. (The estimates for 1980 and

1981 will be revised later this year when BEA revises personal income for 1980 and 1981 and when IRS revises AGI for 1981.)

The improved reconciliation table—which proceeds from personal income to AGI derived from personal income (BEA-derived AGI) and then to AGI of IRS, and shows, as well, the gap between the two measures of AGI—is described in the first section of the article. Tables 1-5 show the reconciliation estimates by type of income for 1977-81, respectively. The second section discusses the nature of the AGI gap, changes in its composition by

type of income in 1977-81, and developments that affected the individual AGI gaps. Table 6, which shows the AGI gap by type of income for 1947-81, provides perspective.

## The reconciliation table

The two measures to be reconciled, personal income and AGI of IRS, are shown in lines 1 and 22, respectively, of tables 1-5. Personal income is the income received by persons from all sources—that is, from participation in production, from transfer payments

Table 1.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1977

[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 unemployment compensation		Other personal income
				Farm	Nonfarm							
1	Personal income .....	1,540.4	983.2	19.1	84.8	39.6	24.8	152.8	<sup>3</sup> 20.8	0	<sup>4</sup> 215.5	0
2	Less: Portion of personal income not included in adjusted gross income, total .....	396.5	7.6	8.3	3.6	5.8	10.6	65.6	0	0	275.7	<sup>5</sup> 19.3
3	Transfer payments except taxable military retirement and taxable government pensions .....	187.1	0	0	0	0	0	0	0	0	187.1	0
4	Other labor income except fees .....	88.3	0	0	0	0	0	0	0	0	88.3	0
5	Imputed income in personal income .....	41.4	4.1	3.1	1.4	0	8.1	24.7	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds .....	26.3	0	0	0	0	0	26.3	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries .....	12.5	0	0	.2	4.2	.6	7.3	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net .....	12.1	0	5.2	2.0	.1	1.9	2.9	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	28.8	3.5	0	0	1.5	0	4.5	0	0	0	19.3
10	Plus: Portion of adjusted gross income not included in personal income, total .....	109.0	1.3	0	.3	0	.7	0	19.1	0	61.1	<sup>6</sup> 26.3
11	Personal contributions for social insurance .....	61.1	0	0	0	0	0	0	0	0	61.1	0
12	Net gain from sale of assets .....	21.4	0	0	0	0	0	0	0	0	0	21.4
13	Taxable private pensions .....	19.1	0	0	0	0	0	0	19.1	0	0	0
14	Small business corporation income .....	2.0	0	0	0	0	0	0	0	0	0	2.0
15	Other type of income .....	5.4	1.3	0	.3	0	.7	0	(*)	0	0	3.0
16	Plus: Intercomponent reallocation, total .....	0	1.1	(*)	1.2	.1	0	-1.5	0	0	-0.8	0
17	Fees in other labor income .....	0	1.1	0	0	0	0	0	0	0	-1.1	0
18	Fiduciary's share of partnership income .....	0	0	(*)	-2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors .....	0	0	0	1.4	0	0	-1.4	0	0	0	0
20	Money market mutual funds .....	0	0	0	0	.1	0	-1	0	0	0	0
21	Equals: BEA-derived adjusted gross income .....	1,252.9	978.0	10.8	82.7	33.9	14.9	85.7	39.9	0	0	7.0
22	Adjusted gross income of IRS (reallocated) .....	1,158.5	969.4	1.1	62.5	27.0	5.7	56.6	29.2	0	0	7.0
23	Adjusted gross income (AGI) gap .....	94.4	8.6	9.7	20.3	6.9	9.3	29.1	10.7	0	0	0
24	Percent distribution of AGI gap .....	100.0	9.1	10.2	21.4	7.3	9.8	30.8	11.3			
25	AGI gap as a percentage of BEA-derived AGI .....	7.5	.9	89.7	24.5	20.3	62.0	33.9	26.8			
26	AGI of IRS as a percentage of BEA-derived AGI .....	92.5	99.1	10.3	75.5	79.7	38.0	66.1	73.2			

See footnotes at end of table 5.

from government and business, and from government interest, which is treated like a transfer payment. Persons in this context consist of individuals, nonprofit institutions, private noninsured welfare funds, and private trust funds. AGI of IRS is the total income from all sources that is subject to individual income tax less certain deductions.

Personal income and AGI each include items that the other omits by definition. Line 2 is the sum of seven groups of items (lines 3-9) that are included in personal income but not in AGI because they are not taxable under individual income tax. Line 10 is the sum of five groups of items (lines 11-15) that are included in AGI but not in personal income. Further, because income components of AGI are different from those of personal income, a reallocation of certain items is needed to achieve comparability. Line 16 is the sum of four of these intercomponent adjustments (lines 17-20).

The adjustment of personal income and its components by the exclusion of line 2 and the inclusion of lines 10 and 16 provides measures comparable to the IRS definition of AGI and its components. The difference between the BEA-derived AGI (line 21) and AGI reported by the IRS in *Statistics of Income* (Line 22)—the AGI gap—is shown in line 23.

The reconciliation tables include information not previously published. First, the detailed intercomponent reallocations are shown. In line 17, the fees component of other labor income is reallocated to wages and salaries. The fees component, which consists of fees received by directors, jurors, and justices of peace, is probably reported as wages and salaries on tax returns. In line 18, fiduciary's share of partnership income is allocated between farm and nonfarm proprietors' income. The allocation makes the income classification of AGI comparable to that of personal income. In line 19, the interest compo-

nent of partnership receipts is reallocated to nonfarm proprietors' income. In the national income and product accounts (NIPA's), the interest received by proprietors and partners in nonfinancial industries is treated as personal interest income, not as monetary interest received by business. Such interest receipts, however, are reported as partnership income on tax returns and thus as nonfarm proprietors' income in AGI of IRS. Line 20 is a new item. In it payments from money market mutual funds are reallocated from interest to dividends. IRS requires that payments from these funds be reported as dividends, whereas in the NIPA's they are classified as personal interest income.

Second, a new type of income, taxable unemployment compensation, is shown. (In the November 1982 Survey, this item was included in other personal income.) It is introduced as a type of income in 1979 as a result of the Revenue Act of 1978. Under this act, all or a portion of un-

Table 2.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1978

(Billions of dollars)

Line		Personal Income									Income not included in personal income	
		Total	Wages and Salaries	Proprietors' income		Personal dividend income	Rental income of persons <sup>2</sup>	Personal interest income	Taxable pensions	Taxable unemployment compensation		Other personal income
				Farm	Nonfarm							
1	Personal income .....	1,732.7	1,106.3	26.3	92.2	45.3	26.6	179.4	<sup>3</sup> 23.9	0	<sup>4</sup> 232.7	0
2	Less: Portion of personal income not included in adjusted gross income, total .....	440.6	8.7	7.8	4.3	6.3	11.4	-78.4	0	0	301.4	<sup>5</sup> 22.4
3	Transfer payments except taxable military retirement and taxable government pensions .....	199.9	0	0	0	0	0	0	0	0	199.9	0
4	Other labor income except fees .....	101.2	0	0	0	0	0	0	0	0	101.2	0
5	Imputed income in personal income .....	48.6	4.6	3.4	1.6	0	8.0	31.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds .....	31.5	0	0	0	0	0	31.5	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries .....	14.3	0	0	.2	4.7	.7	8.5	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net .....	13.1	0	4.4	2.5	.1	2.7	3.4	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	32.0	4.1	0	0	1.5	0	4.1	0	0	0	22.4
10	Plus: Portion of adjusted gross income not included in personal income, total .....	125.8	2.9	0	.6	0	.8	0	22.4	0	69.8	<sup>6</sup> 29.4
11	Personal contributions for social insurance .....	69.8	0	0	0	0	0	0	0	0	69.8	0
12	Net gain from sale of assets .....	24.5	0	0	0	0	0	0	0	0	0	24.5
13	Taxable private pensions .....	22.2	0	0	0	0	0	0	22.2	0	0	0
14	Small business corporation income .....	2.3	0	0	0	0	0	0	0	0	0	2.3
15	Other type of income .....	7.0	2.9	0	.6	0	.8	0	.1	0	0	2.6
16	Plus: Intercomponent reallocation, total .....	0	1.4	(*)	1.4	.3	0	-2.0	0	0	-1.1	0
17	Fees in other labor income .....	0	1.4	0	0	0	0	0	0	0	-1.4	0
18	Fiduciary's share of partnership income .....	0	0	(*)	-3	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors .....	0	0	0	1.7	0	0	-1.7	0	0	0	0
20	Money market mutual funds .....	0	0	0	0	.3	0	-3	0	0	0	0
21	Equals: BEA-derived adjusted gross income .....	1,417.9	1,101.8	18.5	90.0	39.3	16.1	98.9	46.3	0	0	7.0
22	Adjusted gross income of IRS (reallocated) .....	1,302.4	1,090.3	4.7	67.8	30.2	6.2	63.5	32.7	0	0	7.0
23	Adjusted gross income (AGI) gap .....	115.4	11.5	13.8	22.2	9.1	9.9	35.4	13.5	0	0	0
24	Percent distribution of AGI gap .....	100.0	10.0	12.0	19.2	7.9	8.6	30.6	11.7			
25	AGI gap as a percentage of BEA-derived AGI .....	8.1	1.0	74.6	24.7	23.2	61.6	35.8	29.2			
26	AGI of IRS as a percentage of BEA-derived AGI .....	91.9	99.0	25.4	75.3	77.8	38.4	64.2	70.8			

See footnotes at end of table 5.

employment compensation paid under a Federal or State program is taxable beginning in 1979. Such payments are included in AGI if the sum of the taxpayer's AGI, disability payments, and the unemployment compensation payments exceeds \$25,000 for joint returns and \$20,000 for single persons. One-half of the excess, up to the amount of the unemployment compensation payments, is included in AGI. The Tax Equity and Fiscal Responsibility Act of 1982 lowered the thresholds to \$18,000 for joint returns and \$12,000 for single persons.

The reconciliation table incorporates several new adjustments. A new adjustment is made in the reconciliation of wages and salaries for 1977-81. U.S. citizens living abroad are required to file U.S. income tax returns even if all of their income was earned from personal services performed in a foreign country. Thus, AGI of IRS includes income earned abroad; personal income excludes such income. This adjustment, which is included in line

15, was not made for wages and salaries prior to 1977 because data were not available at the time the estimates were made. For this reason, the pre-1977 series for the wages and salaries gap is not strictly comparable with the revised series presented in this article. However, the amount of foreign earned income that was included in AGI of IRS prior to 1977 was relatively small—about \$0.5 billion in 1972 and about \$1.3 billion in 1976, of which wages and salaries usually account for about 84 percent.

Two new adjustments are made in the reconciliation of personal interest income for 1977-81. Interest accrued in individual retirement arrangements (IRA's) and Keogh plans is included as interest in personal income when it is accrued, while in AGI of IRS such interest is included as pensions and annuities in the year the funds are withdrawn. This adjustment, which is included in line 8, was not made prior to 1977 because data were not available. The second adjust-

ment, which is also included in line 8, is to account for the exclusion from AGI of IRS of interest accrued on All Savers Certificates, which were issued after September 30, 1981.

### The AGI gap

The AGI gap can be taken as evidence of noncompliance with the tax code, but with the following caveats: The AGI gap includes (1) income earned by low-income individuals who are not required to file income tax returns, unreported income identified by IRS audit programs that is included in personal income, and gross errors and omissions in the estimate of reconciliation items (lines 3-9, 11-15, and 17-20); (2) the net effect of errors in AGI of IRS (line 22) and personal income (line 1). However, for two reasons, an AGI gap cannot be taken as evidence of an understatement in GNP. First, data from the individual income tax returns are used

Table 3.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1979

(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 unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income .....	1,951.2	1,237.6	31.9	100.2	50.8	27.9	218.7	<sup>3</sup> 27.0	1.3	<sup>4</sup> 255.7	0
2	Less: Portion of personal income not included in adjusted gross income, total .....	499.6	9.5	15.1	5.3	6.8	11.1	91.5	0	0	335.5	<sup>5</sup> 24.8
3	Transfer payments except taxable military retirement and taxable government pensions .....	221.9	0	0	0	0	0	0	0	0	221.9	0
4	Other labor income except fees .....	113.3	0	0	0	0	0	0	0	0	113.3	0
5	Imputed income in personal income .....	54.5	5.3	4.1	1.7	0	7.3	36.2	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds .....	37.1	0	0	0	0	0	37.1	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries .....	16.4	0	0	.2	5.0	.7	10.2	0	0	.3	0
8	Differences in accounting treatment between NIPA's and tax regulations, net .....	21.1	0	11.0	3.5	.2	3.2	3.3	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	35.2	4.2	0	0	1.5	0	4.7	0	0	0	24.8
10	Plus: Portion of adjusted gross income not included in personal income, total .....	146.5	2.8	0	.6	0	.9	0	25.5	0	81.1	<sup>6</sup> 35.5
11	Personal contributions for social insurance .....	81.1	0	0	0	0	0	0	0	0	81.1	0
12	Net gain from sale of assets .....	29.4	0	0	0	0	0	0	0	0	0	29.4
13	Taxable private pensions .....	25.4	0	0	0	0	0	0	25.4	0	0	0
14	Small business corporation income .....	2.2	0	0	0	0	0	0	0	0	0	2.2
15	Other type of income .....	8.4	2.8	0	.6	0	.9	0	.1	0	0	3.9
16	Plus: Intercomponent reallocation, total .....	0	1.6	(*)	2.5	1.7	0	-4.4	0	0	-1.3	0
17	Fees in other labor income .....	0	1.6	0	0	0	0	0	0	0	-1.6	0
18	Fiduciary's share of partnership income .....	0	0	(*)	-2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors .....	0	0	0	2.7	0	0	-2.7	0	0	0	0
20	Money market mutual funds .....	0	0	0	0	1.7	0	-1.7	0	0	0	0
21	Equals: BEA-derived adjusted gross income .....	1,598.0	1,232.6	16.8	97.9	45.7	17.8	122.7	52.5	1.3	0	10.7
22	Adjusted gross income of IRS (reallocated) .....	1,465.4	1,229.3	2.9	68.6	33.5	5.4	76.8	37.3	1.0	0	10.7
23	Adjusted gross income (AGI) gap .....	132.6	3.3	13.9	29.3	12.2	12.4	46.0	15.2	.3	0	0
24	Percent distribution of AGI gap .....	100.0	2.5	10.5	22.1	9.2	9.3	34.7	11.4	.3		
25	AGI gap as a percentage of BEA-derived AGI .....	8.3	.3	82.8	29.9	26.7	69.8	37.5	28.9	26.0		
26	AGI of IRS as a percentage of BEA-derived AGI .....	91.7	99.7	17.2	70.1	73.3	30.2	62.5	71.1	74.0		

See footnotes at end of table 5.

only to a limited extent in the estimation of GNP. Second, where these data are used, BEA adjusts them for underreporting on the basis of IRS audit programs.

A generally downward trend in the AGI gap as a percentage of the BEA-derived AGI was reversed in 1977 (table 6). This reversal occurred largely because of the rapidly rising gaps for farm and nonfarm proprietors' income and for rental income of persons. During 1977-81, the gaps for these types of income as percentages of their respective BEA-derived AGI component increased substantially, for farm proprietors' income, from 89.7 percent to 186.2 percent; for nonfarm proprietors' income, from 24.5 percent to 40.8 percent; and for rental income of persons, from 62.0 percent to 80.3 percent (line 25 of tables 1-5). In contrast, the gap for wages and salaries virtually disappeared during the period.

In dollars, the personal interest income gap was the largest, but its

share of the total declined after 1979. However, the share of the personal dividend income gap increased, and the share of the combined gaps for the two types of income was up, to 43.1 percent in 1981 from 38.1 percent in 1977.

*Wages and salaries gap.*—The wages and salaries component of AGI of IRS is known to include some pensions, annuities, and proprietors' income, but the evidence is insufficient to make a reallocation. Such misreporting might have contributed to the narrowing of the wages and salaries gap. In 1981, this gap turned negative (although a small revision could turn it positive again), indicating that wages and salaries in the BEA-derived AGI fell short of what was reported to IRS.

*Farm proprietors' income gap.*—In 1980 and 1981, lower prices for farm products and higher costs led to sharp declines in both net farm income re-

ported to IRS and the BEA measure of farm proprietors' income. The decline was sharper in the IRS measure; as a result there was an increase in the farm proprietors' income gap in both dollars and as a percent of the total AGI gap.

*Nonfarm proprietors' income gap.*—IRS audit programs disclosed an understatement of nonfarm proprietors' income on tax returns. Because the results of these programs are taken into account in estimating nonfarm proprietors' income in personal income but not in AGI of IRS, such understatement contributes to the nonfarm proprietors' income gap.

The nonfarm proprietors' income gap may also be affected by the growth of corporate partners in partnerships. Partnerships are not taxable as such; instead, partners—who can be individuals, estates, trusts, partnerships, or corporations—report their share of the partnership's taxable income on their own income tax

Table 4.—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 unemployment compensation		Other personal income
				Farm	Nonfarm							
1	Personal income .....	2,160.4	1,356.1	19.4	96.9	55.9	32.9	268.4	* 31.7	2.7	* 301.4	0
2	Less: Portion of personal income not included in adjusted gross income, total .....	563.8	10.5	5.4	6.4	7.2	14.3	102.9	0	0	388.5	* 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 .....	125.4	0	0	0	0	0	0	0	0	125.4	0
5	Imputed income in personal income .....	59.3	5.9	4.7	1.2	0	9.5	38.1	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds .....	45.0	0	0	0	0	0	45.0	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries .....	18.8	0	0	.2	5.3	.6	12.5	0	0	.2	0
8	Differences in accounting treatment between NIPA's and tax regulations, net .....	12.1	0	.7	5.1	.3	4.2	1.9	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	40.3	4.6	0	0	1.6	0	5.5	0	0	0	28.6
10	Plus: Portion of adjusted gross income not included in personal income, total .....	159.1	4.0	0	.8	0	1.1	0	29.6	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 .....	29.4	0	0	0	0	0	0	29.4	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	1.1	0	.2	0	0	4.4
16	Plus: Intercomponent reallocation, total .....	0	1.8	(*)	2.9	5.0	0	-8.1	0	0	-1.6	0
17	Fees in other labor income .....	0	1.8	0	0	0	0	0	0	0	-1.8	0
18	Fiduciary's 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	Money market mutual funds .....	0	0	0	0	5.0	0	-5.0	0	0	0	0
21	Equals: BEA-derived adjusted gross income .....	1,755.7	1,351.4	14.0	94.1	53.7	19.7	152.5	61.3	2.7	0	6.3
22	Adjusted gross income of IRS (reallocated) .....	1,613.7	1,349.8	-1.3	64.4	38.8	4.6	105.7	43.3	2.1	0	6.3
23	Adjusted gross income (AGI) gap .....	142.0	1.6	15.3	29.7	14.9	15.1	46.7	18.0	.7	0	0
24	Percent distribution of AGI gap .....	100.0	1.1	10.8	20.9	10.5	10.6	32.9	12.6	.5		
25	AGI gap as a percentage of BEA-derived AGI .....	8.1	.1	109.2	31.6	27.8	76.7	30.7	29.3	24.3		
26	AGI of IRS as a percentage of BEA-derived AGI .....	91.9	99.9	-9.2	68.4	72.2	23.3	69.3	70.7	75.7		

See footnotes at end of table 5.

return. Because tabulations of information returns, which cover the entire income of the partnership, are used to estimate nonfarm proprietors' income in personal income, the net income of corporate partnerships is included. A comparison of IRS estimates of partnership income on the individual income tax returns and partnership income on business income tax returns, which tabulate income received by all partners, shows that the difference between the two estimates widened in recent years. The difference may be due to the growth in corporate partners' share in partnership income, but no adjustment is made because the data

needed to estimate the corporate partners' share are insufficient.

*Personal dividend income gap.*—A sharp increase in dividends in AGI of IRS in recent years is due to the significant increase in payments from money market mutual funds. Although IRS instructs taxpayers to report payments from money market mutual funds as dividends, some may have reported the payments as interest. To the extent that individuals report payments from money market mutual funds as interest rather than as dividends on their tax return, the dividend income gap is overstated.

*Personal interest income gap.*—The sizable amount of "other personal

income exempt or excluded from adjusted gross income" in 1981 (line 9, table 5) is a result of the Windfall Profit Tax Act of 1980. This act provided for an extension of the dividend exclusion to interest and an increase in the combined (that is, dividend plus interest) maximum exclusion to \$200 for a single person (\$400 for a joint return). This act's extension was for tax years 1981 and 1982, but the Economic Recovery Tax Act of 1981 limited the extension to the 1981 tax year. The combined exclusion of dividend and interest reported on 1981 individual income tax returns is allocated between personal dividend income and personal interest income.

Table 5.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1981

[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 unemployment compensation	Other personal income	
				Farm	Nonfarm							
1	Personal income .....	2,415.8	1,493.9	24.0	100.7	62.5	33.9	329.0	<sup>3</sup> 36.2	3.0	<sup>4</sup> 332.7	0
2	Less: Portion of personal income not included in adjusted gross income, total .....	659.2	12.2	15.4	10.7	8.8	15.3	129.5	0	0	435.8	<sup>5</sup> 31.5
3	Transfer payments except taxable military retirement and taxable government pensions .....	297.1	0	0	0	0	0	0	0	0	297.1	0
4	Other labor income except fees .....	138.4	0	0	0	0	0	0	0	0	138.4	0
5	Imputed income in personal income .....	59.7	6.5	5.3	1.0	0	9.9	37.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds .....	55.1	0	0	0	0	0	55.1	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries .....	23.7	0	0	.1	6.3	.7	16.4	0	0	.2	0
8	Differences in accounting treatment between NIPA's and tax regulations, net .....	30.8	0	10.1	9.6	.6	4.7	5.8	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income .....	54.4	5.8	0	0	2.0	0	15.2	0	0	0	31.5
10	Plus: Portion of adjusted gross income not included in personal income, total .....	182.3	4.8	0	.9	0	1.2	0	36.6	0	104.9	<sup>6</sup> 33.8
11	Personal contributions for social insurance .....	104.9	0	0	0	0	0	0	0	0	104.9	0
12	Net gain from sale of assets .....	29.6	0	0	0	0	0	0	0	0	0	29.6
13	Taxable private pensions .....	36.3	0	0	0	0	0	36.3	0	0	0	0
14	Small business corporation income .....	-4	0	0	0	0	0	0	0	0	0	-4
15	Other type of income .....	11.8	4.8	0	.9	0	1.2	0	.2	0	0	4.6
16	Plus: Intercomponent reallocation, total .....	0	2.1	(*)	3.3	12.6	0	-16.1	0	0	-1.8	0
17	Fees in other labor income .....	0	2.1	0	0	0	0	0	0	0	-2.1	0
18	Fiduciary's share of partnership income .....	0	0	(*)	-2	0	0	0	0	0	.3	0
19	Interest received by nonfarm proprietors .....	0	0	0	3.5	0	0	-3.5	0	0	0	0
20	Money market mutual funds .....	0	0	0	0	12.6	0	-12.6	0	0	0	0
21	Equals: BEA-derived adjusted gross income .....	1,938.9	1,488.5	8.5	94.2	66.3	19.8	183.4	72.8	3.0	0	2.4
22	Adjusted gross income of IRS (reallocated) .....	1,779.4	1,489.2	-7.3	55.8	46.5	3.9	134.5	52.1	2.3	0	2.4
23	Adjusted gross income (AGI) gap .....	159.6	-.7	15.8	38.5	19.8	15.9	48.9	20.7	.7	0	0
24	Percent distribution of AGI gap .....	100.0	-.4	9.9	24.1	12.4	10.0	30.7	13.0	.4		
25	AGI gap as a percentage of BEA-derived AGI .....	8.2	0	186.2	40.8	29.8	80.3	26.7	28.4	22.2		
26	AGI of IRS as a percentage of BEA-derived AGI .....	91.8	100.0	-86.2	59.2	70.2	19.7	73.3	71.6	77.8		

\* 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 contribution 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), and all other sources (net).

Table 6.—Adjusted Gross Income Gap, Total and by Type of Income, 1947-81

[Billions of dollars]

Year	Total	Wages and salaries	Proprietors' income		Personal dividend income	Rental income of persons	Personal interest income	Taxable pensions	Taxable unemployment compensation	Addenda		
			Farm	Nonfarm						BEA-derived AGI	AGI gap as a percentage of BEA-derived AGI	AGI of IRS
1947.....	23.0	4.2	10.6	1.9	1.4	2.7	1.8	0.3	0	172.7	13.3	149.7
1948.....	23.1	5.5	9.1	2.1	1.4	2.9	1.9	.3	0	186.7	12.4	163.5
1949.....	23.4	6.5	7.8	3.0	1.4	2.4	2.1	.2	0	184.0	12.7	160.6
1950.....	23.6	5.5	6.6	4.3	2.0	2.6	2.4	.3	0	202.7	11.6	179.1
1951.....	26.9	6.6	7.9	4.6	1.8	2.9	2.7	.4	0	229.2	11.7	202.3
1952.....	26.6	6.0	7.2	5.1	1.9	3.1	2.8	.4	0	241.9	11.0	215.3
1953.....	28.0	6.3	6.8	5.7	2.1	3.2	3.4	.5	0	256.7	10.9	228.7
1954.....	25.7	6.4	5.3	5.0	.8	3.2	4.4	.5	0	254.9	10.1	229.2
1955.....	26.5	6.7	4.1	5.8	.9	3.1	5.1	.7	0	275.0	9.6	248.5
1956.....	27.7	8.4	4.4	4.6	.8	2.9	5.7	.9	0	295.5	9.4	267.7
1957.....	27.7	6.8	3.5	6.1	.6	3.1	6.7	1.0	0	308.1	9.0	280.3
1958.....	31.6	8.4	4.7	6.3	.7	3.3	7.2	1.1	0	312.8	10.1	281.2
1959.....	31.1	6.9	4.4	6.3	.9	3.6	7.6	1.4	0	336.2	9.2	305.1
1960.....	32.7	8.1	5.0	5.8	1.3	2.9	8.0	1.6	0	348.1	9.4	315.5
1961.....	30.8	6.6	4.6	6.3	1.1	2.8	7.6	1.8	0	360.4	8.5	329.9
1962.....	32.0	8.0	4.3	5.5	1.4	2.6	8.4	1.9	0	380.7	8.4	348.7
1963.....	32.0	6.9	4.6	5.6	1.5	3.0	8.3	2.0	0	400.8	8.0	368.8
1964.....	37.3	8.7	4.9	6.2	2.2	3.5	9.6	2.4	0	434.0	8.6	396.7
1965.....	38.1	7.0	4.5	6.2	2.6	4.1	11.1	2.7	0	467.3	8.2	429.2
1966.....	44.4	11.6	5.9	6.8	1.8	3.5	11.8	3.0	0	512.9	8.7	468.5
1967.....	41.1	9.0	3.9	6.9	2.1	3.7	12.3	3.5	0	546.2	7.6	504.8
1968.....	45.5	11.1	4.9	6.4	2.5	3.9	13.2	3.4	0	599.9	7.6	554.4
1969.....	49.2	9.8	6.3	7.8	2.3	4.2	14.8	4.0	0	652.7	7.5	603.5
1970.....	54.4	10.2	6.5	8.6	1.9	4.4	17.8	5.0	0	686.1	7.9	631.7
1971.....	56.9	10.2	6.6	9.4	2.5	4.5	17.8	5.9	0	730.5	7.8	673.6
1972.....	59.4	7.2	8.5	10.6	2.7	5.7	17.8	6.9	0	805.3	7.4	746.0
1973.....	74.3	10.5	14.5	11.6	2.9	5.7	21.8	7.3	0	971.4	8.2	827.1
1974.....	73.1	1.7	15.3	13.8	3.0	6.3	25.1	7.9	0	978.6	7.5	905.5
1975.....	71.8	5.2	9.7	14.9	2.7	5.6	24.9	8.9	0	1,019.6	7.0	947.8
1976.....	78.2	2.8	10.1	13.2	6.0	5.0	25.7	10.4	0	1,132.1	6.9	1,053.9
1977.....	94.4	8.6	9.7	20.3	6.9	9.3	29.1	10.7	0	1,252.9	7.5	1,158.5
1978.....	115.4	11.5	13.8	22.2	9.1	9.9	35.4	13.5	0	1,417.9	8.1	1,302.4
1979.....	132.6	3.3	13.9	29.3	12.2	12.4	46.0	15.2	.3	1,598.0	8.3	1,465.4
1980.....	142.0	1.6	15.3	29.7	14.9	15.1	46.7	18.0	.7	1,755.7	8.1	1,613.7
1981.....	159.6	-.7	15.8	38.5	19.8	15.9	48.9	20.7	.7	1,988.9	8.2	1,779.4

State Personal

Table 1.—Total Personal

[Millions of dollars, seasonally]

State and region	1977 <sup>r</sup>				1978 <sup>r</sup>				1979 <sup>r</sup>			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
<b>United States</b> .....	<b>1,471,331</b>	<b>1,508,990</b>	<b>1,555,422</b>	<b>1,603,089</b>	<b>1,639,113</b>	<b>1,697,088</b>	<b>1,756,421</b>	<b>1,815,506</b>	<b>1,865,078</b>	<b>1,909,144</b>	<b>1,974,649</b>	<b>2,027,061</b>
<b>New England</b> .....	<b>85,292</b>	<b>87,162</b>	<b>89,593</b>	<b>92,001</b>	<b>93,836</b>	<b>96,662</b>	<b>99,899</b>	<b>102,545</b>	<b>105,789</b>	<b>107,846</b>	<b>111,720</b>	<b>114,802</b>
Connecticut.....	24,402	24,902	25,461	26,300	26,815	27,708	28,665	29,545	30,543	31,078	32,261	33,261
Maine.....	6,165	6,288	6,453	6,596	6,738	6,935	7,100	7,293	7,468	7,655	7,915	8,108
Massachusetts.....	40,384	41,301	42,546	43,456	44,278	45,425	46,980	48,018	49,557	50,524	52,309	53,741
New Hampshire.....	5,417	5,582	5,781	6,023	6,196	6,398	6,657	6,877	7,099	7,318	7,565	7,749
Rhode Island.....	6,213	6,307	6,481	6,667	6,741	7,020	7,224	7,439	7,653	7,734	8,027	8,192
Vermont.....	2,712	2,783	2,871	2,959	3,069	3,177	3,274	3,373	3,469	3,537	3,643	3,751
<b>Mideast</b> .....	<b>308,454</b>	<b>314,264</b>	<b>322,076</b>	<b>329,731</b>	<b>335,862</b>	<b>345,728</b>	<b>355,480</b>	<b>365,091</b>	<b>373,157</b>	<b>380,522</b>	<b>394,125</b>	<b>403,716</b>
Delaware.....	4,290	4,406	4,513	4,635	4,718	4,849	4,989	5,094	5,228	5,334	5,505	5,645
District of Columbia.....	5,837	5,952	6,055	6,227	6,222	6,320	6,469	6,688	6,761	6,914	7,151	7,402
Maryland.....	30,486	31,188	31,947	32,983	33,792	34,900	35,969	37,157	37,905	38,558	39,941	41,032
New Jersey.....	56,927	58,090	59,515	60,982	62,337	64,249	66,119	67,844	69,523	70,855	73,210	75,194
New York.....	130,945	132,881	136,158	139,276	142,034	145,773	149,518	153,503	156,252	159,424	165,356	168,867
Pennsylvania.....	79,969	81,746	83,888	85,628	86,758	89,637	92,416	94,805	97,488	99,436	102,982	105,575
<b>Great Lakes</b> .....	<b>291,997</b>	<b>301,196</b>	<b>311,250</b>	<b>318,369</b>	<b>324,426</b>	<b>334,897</b>	<b>345,897</b>	<b>356,939</b>	<b>367,364</b>	<b>373,793</b>	<b>384,182</b>	<b>390,500</b>
Illinois.....	88,081	89,961	92,338	94,631	96,631	99,231	102,272	105,008	107,563	110,149	114,244	116,118
Indiana.....	35,153	36,486	37,657	38,595	39,106	40,776	42,149	43,686	44,970	45,667	46,602	47,326
Michigan.....	65,847	68,169	70,858	72,286	74,159	76,266	78,963	81,719	84,471	85,195	86,657	87,607
Ohio.....	72,551	75,279	78,025	79,794	80,474	83,613	86,273	89,177	91,660	92,828	95,498	97,351
Wisconsin.....	30,365	31,301	32,372	33,062	34,056	35,010	36,240	37,350	38,700	39,953	41,180	42,097
<b>Plains</b> .....	<b>111,501</b>	<b>113,257</b>	<b>116,939</b>	<b>121,866</b>	<b>124,147</b>	<b>128,405</b>	<b>132,095</b>	<b>139,094</b>	<b>141,119</b>	<b>145,897</b>	<b>149,504</b>	<b>152,551</b>
Iowa.....	19,714	19,966	20,470	21,111	22,301	23,072	23,851	24,667	25,030	25,600	26,015	26,172
Kansas.....	15,760	16,087	16,622	17,817	17,512	18,213	18,800	20,200	20,487	21,603	22,193	22,845
Minnesota.....	27,650	28,059	28,886	29,654	30,431	31,301	32,245	33,671	34,356	35,549	36,446	37,389
Missouri.....	30,626	31,315	32,441	33,419	33,950	35,041	36,030	37,255	38,486	39,365	40,577	41,257
Nebraska.....	10,130	10,227	10,547	11,050	11,115	11,694	11,884	12,730	12,823	13,558	13,745	13,897
North Dakota.....	3,709	3,773	3,918	4,531	4,495	4,652	4,731	5,569	5,041	5,125	5,304	5,594
South Dakota.....	3,913	3,831	4,055	4,285	4,344	4,431	4,553	5,001	4,897	5,098	5,225	5,397
<b>Southeast</b> .....	<b>286,074</b>	<b>294,499</b>	<b>304,348</b>	<b>314,019</b>	<b>321,072</b>	<b>334,376</b>	<b>346,755</b>	<b>357,804</b>	<b>367,890</b>	<b>375,898</b>	<b>389,061</b>	<b>401,515</b>
Alabama.....	20,072	20,712	21,371	22,095	22,448	23,478	24,348	24,944	25,635	26,012	26,521	27,666
Arkansas.....	11,459	11,640	12,133	12,478	12,949	13,363	14,010	14,346	14,894	15,036	15,436	15,853
Florida.....	54,982	56,679	59,039	61,108	63,118	65,252	68,456	70,925	73,384	75,683	79,312	82,312
Georgia.....	29,467	30,442	31,525	32,680	33,549	34,680	35,933	37,109	38,121	38,973	40,337	41,498
Kentucky.....	19,825	20,500	20,987	21,582	21,487	22,935	23,585	24,289	25,082	25,494	26,315	26,872
Louisiana.....	22,720	23,375	24,067	24,789	25,591	26,672	27,711	28,532	29,269	29,988	31,416	32,492
Mississippi.....	11,704	11,934	12,445	12,744	13,062	13,590	13,977	14,367	14,810	15,006	15,487	16,127
North Carolina.....	31,349	32,198	33,224	34,222	35,326	36,525	37,739	39,051	40,028	40,814	41,674	42,828
South Carolina.....	15,514	15,996	16,478	17,014	17,473	17,919	18,532	19,172	19,619	20,204	20,860	21,507
Tennessee.....	23,952	24,706	25,523	26,444	26,929	28,132	29,078	30,029	30,865	31,401	32,415	33,236
Virginia.....	34,293	35,231	36,344	37,405	38,204	39,545	40,701	42,043	42,944	43,866	45,337	46,860
West Virginia.....	10,736	11,086	11,211	11,456	12,286	12,685	12,935	13,238	13,420	13,952	14,262	
<b>Southwest</b> .....	<b>122,693</b>	<b>126,210</b>	<b>130,565</b>	<b>135,493</b>	<b>139,145</b>	<b>145,829</b>	<b>151,672</b>	<b>157,888</b>	<b>163,706</b>	<b>169,321</b>	<b>176,370</b>	<b>183,283</b>
Arizona.....	14,294	14,789	15,264	15,903	16,536	17,276	18,200	18,980	19,914	20,539	21,664	22,365
New Mexico.....	6,708	6,897	7,131	7,421	7,640	7,986	8,316	8,582	8,789	9,061	9,358	9,635
Oklahoma.....	17,207	17,638	18,311	19,141	19,368	20,483	21,242	22,272	23,629	24,629	25,551	26,511
Texas.....	84,484	86,885	89,860	93,027	95,602	100,084	103,914	108,054	112,156	116,031	120,719	125,731
<b>Rocky Mountain</b> .....	<b>37,966</b>	<b>39,080</b>	<b>40,490</b>	<b>42,574</b>	<b>43,702</b>	<b>45,635</b>	<b>47,144</b>	<b>49,421</b>	<b>50,438</b>	<b>51,944</b>	<b>54,074</b>	<b>55,535</b>
Colorado.....	18,137	18,720	19,359	20,317	20,835	21,712	22,549	23,526	24,367	25,142	26,279	26,959
Idaho.....	5,133	5,229	5,434	5,721	5,895	6,135	6,299	6,601	6,761	6,914	6,966	7,141
Montana.....	4,504	4,588	4,793	5,125	5,229	5,446	5,520	5,999	5,800	5,937	6,097	6,261
Utah.....	7,299	7,517	7,736	8,095	8,317	8,672	8,966	9,290	9,530	9,778	10,230	10,492
Wyoming.....	2,892	3,026	3,168	3,317	3,427	3,671	3,811	3,999	4,140	4,327	4,503	4,682
<b>Far West</b> .....	<b>216,044</b>	<b>222,036</b>	<b>228,984</b>	<b>237,476</b>	<b>245,093</b>	<b>253,572</b>	<b>265,181</b>	<b>274,077</b>	<b>282,823</b>	<b>290,855</b>	<b>302,124</b>	<b>311,325</b>
California.....	167,979	172,800	177,916	184,252	189,578	195,958	205,320	211,774	218,747	224,687	233,135	240,512
Nevada.....	5,005	5,177	5,376	5,624	5,918	6,222	6,558	6,847	7,103	7,304	7,648	7,904
Oregon.....	16,279	16,687	17,279	18,039	18,710	19,352	19,964	20,722	21,253	21,961	22,800	23,338
Washington.....	26,781	27,373	28,413	29,561	30,886	32,040	33,340	34,734	35,721	36,903	38,540	39,570
Alaska.....	4,552	4,442	4,182	4,257	4,399	4,375	4,377	4,477	4,440	4,501	4,630	4,739
Hawaii.....	6,758	6,844	6,995	7,303	7,430	7,609	7,920	8,171	8,351	8,568	8,853	9,098
												<b>Census</b>
New England.....	85,292	87,162	89,593	92,001	93,836	96,662	99,899	102,545	105,789	107,846	111,720	114,802
Middle Atlantic.....	267,841	272,717	279,561	285,886	291,129	299,660	308,053	316,152	323,263	329,716	341,528	349,637
East North Central.....	291,997	301,196	311,250	318,369	324,426	334,897	345,897	356,939	367,364	373,793	384,182	390,500
West North Central.....	111,501	113,257	116,939	121,866	124,147	128,405	132,095	139,094	141,119	145,897	149,504	152,551
South Atlantic.....	216,955	223,178	230,337	237,731	243,338	252,276	261,474	270,235	277,230	283,766	294,069	303,847
East South Central.....	75,553	77,852	80,326	82,865	83,927	88,134	90,987	93,630	96,391	97,914	100,737	103,902
West South Central.....	135,870	139,539	144,370	149,436	153,510	160,602	166,877	173,203	179,167	184,745	192,200	199,227
Mountain.....	63,973	65,944	68,260	71,523	73,796	77,119	80,219	83,830	86,243	88,848	92,745	95,440
Pacific.....	222,349	228,145	234,786	243,412	251,003	259,333	270,920	279,877	288,512	296,620	307,964	317,257

<sup>r</sup> Revised.  
<sup>p</sup> Preliminary.

1. The personal income 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.

NOTE.—The quarterly estimates of State personal income were prepared by Francis G. McFaul with the aid of Thelma E. Harding, under the supervision of Robert L. Brown. Tables were prepared by Eunice

Income, 1977-82

Income, States and Regions<sup>1</sup>

adjusted at annual rates]

1980 <sup>r</sup>				1981 <sup>r</sup>				1982				Percent change	
I	II	III	IV	I	II	III	IV	I <sup>r</sup>	II <sup>r</sup>	III <sup>r</sup>	IV <sup>r</sup>	1982:IV-1981:IV	1982:IV-1982:III
2,080,342	2,103,863	2,179,220	2,252,772	2,321,982	2,371,842	2,448,624	2,483,732	2,499,775	2,541,891	2,581,838	2,616,112	5.3	1.3
118,704	120,350	124,837	129,386	132,349	135,326	140,126	142,524	143,749	146,322	149,099	151,439	6.3	1.6
34,618	34,951	36,300	37,707	38,845	39,467	40,845	41,366	42,173	42,742	43,620	44,096	6.6	1.1
8,318	8,445	8,748	9,078	9,342	9,578	9,813	9,917	10,007	10,111	10,313	10,520	6.1	2.0
55,455	56,406	58,546	60,506	61,558	63,202	65,492	66,725	66,927	68,354	69,571	70,801	6.1	1.8
8,024	8,115	8,396	8,816	8,945	9,140	9,543	9,840	9,875	10,101	10,301	10,458	6.3	1.5
8,436	8,548	8,808	9,104	9,341	9,525	9,852	9,993	10,050	10,209	10,354	10,523	5.3	1.6
3,853	3,885	4,040	4,175	4,318	4,414	4,580	4,683	4,717	4,805	4,939	5,040	7.6	2.0
415,861	421,512	435,214	449,875	462,226	471,801	486,977	494,006	501,573	508,824	516,721	523,319	5.9	1.3
5,865	5,857	6,062	6,287	6,452	6,540	6,746	6,836	6,924	7,059	7,207	7,226	5.7	.3
7,574	7,677	7,949	8,193	8,338	8,382	8,628	8,743	8,809	8,948	9,176	9,297	6.3	1.3
42,404	42,934	44,403	45,980	47,229	48,008	49,639	50,412	50,561	51,512	52,527	53,441	6.0	1.7
77,816	78,970	81,506	84,541	86,945	88,685	91,466	92,909	94,566	96,223	97,727	99,075	6.6	1.4
173,658	176,764	182,804	188,839	194,366	198,884	205,344	208,238	213,445	215,734	219,474	222,130	6.7	1.2
108,544	109,310	112,489	116,085	118,903	121,303	125,153	126,868	127,267	129,349	130,610	132,150	4.2	1.2
397,503	397,471	408,483	420,371	430,815	439,231	451,019	453,508	452,390	459,855	465,796	468,314	3.3	.5
117,249	117,496	120,502	122,690	128,564	130,724	134,340	136,924	136,188	138,547	140,635	141,560	3.4	.7
47,735	47,539	48,961	50,794	51,906	52,519	54,176	54,140	54,773	55,108	55,372	55,960	3.4	1.1
89,882	89,255	91,962	95,518	96,567	98,849	100,649	100,002	98,790	100,987	101,504	101,393	1.4	-1.1
99,551	100,258	102,678	106,043	107,958	110,057	113,016	113,714	113,543	115,847	117,811	118,255	4.0	.4
43,086	42,828	44,380	45,325	45,821	47,082	48,837	48,728	49,102	49,367	50,473	51,146	5.0	1.3
153,727	153,644	159,522	163,948	171,308	174,692	180,178	182,075	180,954	183,135	185,965	188,873	3.7	1.6
26,529	26,408	27,223	27,993	29,422	30,033	30,903	31,133	29,782	30,458	30,885	31,257	.4	1.2
22,693	22,841	23,671	24,442	24,978	25,501	26,123	26,557	27,311	27,262	27,643	28,038	5.6	1.4
38,577	38,449	40,185	41,151	42,482	43,441	44,991	45,325	45,135	45,331	45,851	46,891	3.5	2.3
41,710	41,717	43,394	44,570	46,433	47,017	48,377	48,961	49,160	50,093	50,977	51,267	4.7	.6
13,712	13,742	14,216	14,619	15,796	16,111	16,681	16,789	16,789	16,508	17,014	17,014	1.3	1.6
5,285	5,308	5,439	5,629	5,865	6,008	6,312	6,312	6,312	6,312	6,312	6,312	6.4	3.3
5,221	5,179	5,394	5,544	5,832	5,981	6,191	6,231	6,329	6,469	6,582	6,876	10.4	4.5
411,975	418,224	435,070	450,404	465,846	475,106	492,166	499,229	501,705	512,470	520,667	531,189	6.4	2.0
28,292	28,439	29,369	30,372	31,384	31,698	32,746	32,927	33,008	33,756	33,895	34,675	5.3	2.3
15,932	15,832	16,534	16,952	17,895	18,188	18,800	18,956	18,552	19,021	19,214	19,584	3.3	1.9
85,524	87,747	92,017	95,786	98,572	102,043	105,430	107,964	108,938	111,911	114,795	117,448	8.8	2.3
42,282	43,081	44,679	46,305	48,128	49,199	50,660	51,225	51,990	53,301	54,041	55,259	7.9	2.3
27,124	27,019	27,937	28,762	29,949	29,941	31,521	31,884	31,919	31,996	32,672	33,388	4.7	2.2
33,894	34,761	36,521	37,885	39,250	40,380	41,814	42,536	43,093	43,779	44,400	44,668	5.0	.6
16,259	17,064	17,561	17,561	18,153	18,542	18,997	19,315	19,304	19,842	19,908	20,450	5.9	2.7
44,248	44,776	46,399	47,814	49,687	50,846	52,700	52,904	52,572	54,065	54,621	56,168	6.2	2.8
21,893	22,228	22,982	23,785	24,554	25,150	25,835	26,286	26,387	26,819	27,313	27,975	6.4	2.4
33,818	34,274	35,491	36,528	37,728	38,574	39,647	39,927	40,119	40,932	41,545	42,028	5.3	1.2
48,024	49,013	50,956	53,023	54,466	55,294	57,106	58,203	58,657	59,962	60,988	62,079	6.7	1.8
14,685	14,708	15,121	15,631	16,080	15,252	16,909	17,103	17,167	17,085	17,276	17,467	2.1	1.1
188,876	192,896	201,644	209,521	217,983	224,320	233,228	239,660	243,978	247,779	251,070	253,578	5.8	1.0
23,049	23,518	24,256	25,407	26,015	26,855	27,836	28,437	28,428	28,956	29,446	29,889	5.1	1.5
9,906	10,003	10,376	10,788	10,841	11,129	11,485	11,787	11,923	12,119	12,373	12,573	7.1	2.2
26,320	26,765	28,286	29,154	30,258	31,110	32,406	33,238	33,649	34,082	34,502	34,700	4.4	.6
129,601	132,611	138,727	144,171	150,869	155,226	161,506	166,249	169,979	172,622	174,819	176,416	6.1	.9
57,469	58,084	60,422	62,891	65,073	66,334	69,125	70,243	70,750	71,667	72,392	73,877	5.2	2.1
27,915	28,268	29,388	30,660	31,778	32,533	33,913	34,806	35,245	35,546	35,992	36,628	5.2	1.8
7,505	7,407	7,791	7,992	8,330	8,480	8,777	8,707	8,657	8,830	8,982	9,282	6.6	3.3
6,432	6,439	6,689	6,988	7,210	7,341	7,635	7,653	7,711	7,836	7,958	7,933	3.7	2.3
10,799	10,983	11,336	11,788	12,211	12,319	12,917	13,082	13,185	13,461	13,684	13,935	6.5	1.8
4,817	4,987	5,217	5,463	5,545	5,662	5,884	5,984	5,992	5,994	5,976	6,099	1.7	2.1
321,854	327,056	338,888	350,741	360,533	368,754	379,133	385,368	387,303	394,111	401,446	406,570	5.5	1.3
248,789	253,447	262,158	271,564	279,149	285,552	293,970	299,667	301,802	307,929	313,534	317,125	5.8	1.1
8,268	8,347	8,741	9,096	9,440	9,695	9,956	10,060	10,188	10,260	10,387	10,555	4.9	1.6
23,864	23,889	24,727	25,375	26,014	26,363	26,885	26,854	26,986	27,332	27,697	28,075	4.5	1.4
40,933	41,374	43,262	44,706	45,931	47,145	48,322	48,788	48,326	48,589	49,828	50,815	4.2	2.0
4,853	4,989	5,155	5,331	5,369	5,576	5,744	5,954	6,137	6,260	6,976	7,246	21.7	3.9
9,520	9,638	9,985	10,304	10,479	10,702	10,928	11,165	11,235	11,468	11,707	11,708	4.9	0
<b>regions</b>													
118,704	120,350	124,837	129,386	132,349	135,326	140,126	142,524	143,749	146,322	149,099	151,439	6.3	1.6
360,018	365,044	376,799	389,415	400,207	408,871	421,964	428,015	435,277	441,305	447,811	453,355	5.9	1.2
397,503	397,471	408,483	420,371	430,815	439,231	451,019	453,508	452,390	459,855	465,796	468,314	3.3	.5
153,727	153,644	159,522	163,948	171,308	174,692	180,178	182,075	180,954	183,135	185,965	188,873	3.7	1.6
312,499	318,023	330,568	342,805	353,506	360,713	373,653	379,676	382,006	390,662	397,944	406,360	7.0	2.1
105,493	106,077	109,861	113,222	117,214	118,755	122,911	124,052	126,527	128,350	130,541	130,541	5.2	2.0
205,748	209,968	220,069	228,162	238,271	244,904	254,521	260,979	265,272	269,504	272,934	275,368	5.5	3.9
98,692	99,951	103,794	108,183	111,369	113,601	118,402	120,476	121,289	123,002	124,529	126,894	5.3	1.9
327,958	333,336	345,286	357,280	366,941	375,336	385,849	392,427	394,487	401,579	409,741	414,969	5.7	1.3

Table 2.—Total and Per Capita Personal Income

State and region	Total							Per capita						Rank in United States	
	Millions of dollars						Percent change 1961- 1982	Dollars							
	1977	1978*	1979*	1980*	1981*	1982*		1977	1978*	1979*	1980*	1981*	1982*	1977	1982
<b>United States</b> .....	1,534,708	1,727,032	1,943,983	2,154,049	2,406,545	2,559,904	6.4	6,984	7,776	8,657	9,483	10,495	11,056	.....	.....
<b>New England</b> .....	88,512	98,236	110,039	123,319	137,582	147,652	7.3	7,221	7,985	8,913	9,971	11,056	11,819	.....	.....
Connecticut.....	25,266	28,183	31,786	35,894	40,131	43,158	7.5	8,180	9,107	10,254	11,527	12,806	13,687	3	3
Maine.....	6,375	7,016	7,787	8,647	9,663	10,238	6.0	5,768	6,290	6,922	7,677	8,530	9,033	44	41
Massachusetts.....	41,921	46,175	51,532	57,729	64,244	68,913	7.3	7,298	8,040	8,968	10,052	11,127	11,921	15	10
New Hampshire.....	5,701	6,532	7,433	8,338	9,367	10,184	8.7	6,539	7,307	8,151	9,028	10,013	10,710	30	27
Rhode Island.....	6,417	7,106	7,902	8,724	9,678	10,284	6.3	6,718	7,423	8,260	9,197	10,156	10,730	27	26
Vermont.....	2,831	3,223	3,600	3,988	4,499	4,875	8.4	5,752	6,468	7,118	7,789	8,726	9,446	45	39
<b>Mideast</b> .....	318,632	350,541	387,880	430,616	478,753	512,609	7.1	7,489	8,263	9,157	10,183	11,300	12,072	.....	.....
Delaware.....	4,461	4,913	5,428	6,018	6,643	7,104	6.9	7,500	8,212	9,064	10,097	11,102	11,796	13	11
District of Columbia.....	6,018	6,425	7,057	7,848	8,523	9,058	6.3	8,827	9,589	10,764	12,329	13,509	14,347	2	2
Maryland.....	31,651	35,455	39,359	43,930	48,822	52,011	6.5	7,546	8,418	9,319	10,397	11,452	12,194	11	7
New Jersey.....	58,878	65,137	72,196	80,708	90,001	96,898	7.7	8,019	8,855	9,792	10,941	12,156	13,027	4	4
New York.....	134,815	147,707	162,474	180,517	201,707	217,695	7.9	7,552	8,335	9,214	10,271	11,460	12,328	10	6
Pennsylvania.....	82,808	90,904	101,366	111,594	123,057	129,844	5.5	6,969	7,662	8,537	9,394	10,366	10,943	22	21
<b>Great Lakes</b> .....	305,704	340,539	378,960	405,956	443,643	461,589	4.0	7,393	8,204	9,107	9,734	10,650	11,100	.....	.....
Illinois.....	91,253	100,785	112,019	119,484	132,638	139,231	5.0	8,000	8,814	9,807	10,451	11,572	12,162	5	8
Indiana.....	36,973	41,429	46,141	48,757	53,185	55,303	4.0	6,840	7,607	8,428	8,883	9,727	10,109	25	34
Michigan.....	69,291	77,777	85,982	91,653	99,017	100,668	1.7	7,567	8,452	9,297	9,903	10,758	11,052	9	19
Ohio.....	76,412	84,884	94,334	102,133	111,186	116,364	4.7	7,094	7,863	8,736	9,456	10,314	10,783	19	23
Wisconsin.....	31,775	35,664	40,483	43,929	47,617	50,022	5.1	6,888	7,701	8,676	9,291	10,042	10,497	23	29
<b>Plains</b> .....	115,891	130,935	147,267	157,711	177,063	184,731	4.3	6,837	7,689	8,614	9,168	10,272	10,652	.....	.....
Iowa.....	20,815	23,473	25,704	27,038	30,373	30,595	7	6,971	8,041	8,812	9,283	10,478	10,532	21	28
Kansas.....	16,571	18,681	21,782	23,412	25,790	27,564	6.9	7,149	8,008	9,279	9,889	10,824	11,448	17	16
Minnesota.....	28,562	31,912	35,985	39,590	44,060	45,802	4.0	7,177	7,969	8,899	9,697	10,762	11,082	16	18
Missouri.....	31,951	35,569	39,921	42,848	47,697	50,374	5.6	6,594	7,302	8,165	8,702	9,654	10,175	29	33
Nebraska.....	10,488	11,856	13,506	14,072	16,344	16,632	1.8	6,747	7,596	8,633	8,954	10,366	10,489	26	30
North Dakota.....	3,982	4,862	5,266	5,415	6,741	7,200	6.8	6,135	7,472	8,074	8,281	10,237	10,746	35	25
South Dakota.....	4,021	4,582	5,154	5,335	6,059	6,564	3.3	5,837	6,648	7,480	7,734	8,837	9,506	39	38
<b>Southeast</b> .....	299,735	340,002	383,591	428,917	483,087	516,508	6.9	5,958	6,652	7,380	8,111	9,015	9,533	.....	.....
Alabama.....	21,063	23,804	26,458	29,118	32,189	33,833	5.1	5,568	6,209	6,838	7,476	8,217	8,581	48	48
Arkansas.....	11,928	13,667	15,305	16,313	18,460	19,093	3.4	5,404	6,098	6,745	7,097	8,041	8,332	50	50
Florida.....	57,952	66,938	77,673	90,269	108,502	113,273	9.4	6,520	7,330	8,202	9,142	10,165	10,875	31	22
Georgia.....	31,028	35,318	39,732	44,087	49,808	53,648	7.7	5,954	6,681	7,370	8,042	8,985	9,514	37	37
Kentucky.....	20,723	23,074	25,941	27,710	30,824	32,494	5.4	5,797	6,389	7,119	7,567	8,416	8,861	42	44
Louisiana.....	23,738	27,126	30,791	35,765	40,995	43,985	7.3	5,911	6,660	7,439	8,472	9,517	10,083	38	35
Mississippi.....	12,207	13,749	15,358	16,807	18,752	19,876	6.0	4,962	5,526	6,124	6,663	7,409	7,792	51	51
North Carolina.....	32,749	37,160	41,836	45,809	51,534	54,357	5.5	5,777	6,475	7,125	7,780	8,656	9,082	43	42
South Carolina.....	16,251	18,274	20,548	22,722	25,456	27,123	6.5	5,437	6,009	6,657	7,266	8,039	8,468	49	49
Tennessee.....	25,156	28,542	31,979	35,027	38,969	41,156	5.6	5,715	6,397	7,054	7,622	8,450	8,849	47	46
Virginia.....	35,818	40,123	44,752	50,254	56,267	60,422	7.4	6,881	7,593	8,405	9,373	10,363	11,003	24	20
West Virginia.....	11,123	12,225	13,718	15,036	16,336	17,249	5.6	5,837	6,366	7,075	7,709	8,369	8,856	40	45
<b>Southwest</b> .....	128,739	148,634	173,169	198,234	228,798	249,101	8.9	6,532	7,365	8,335	9,266	10,405	10,985	.....	.....
Arizona.....	15,062	17,748	21,120	24,057	27,286	29,180	6.9	6,205	7,049	8,004	8,810	9,765	10,201	33	32
New Mexico.....	7,040	8,131	9,211	10,268	11,298	12,230	8.2	5,745	6,495	7,193	7,867	8,509	8,997	46	43
Oklahoma.....	18,074	20,841	24,179	27,631	31,753	34,233	7.8	6,306	7,154	8,141	9,097	10,241	10,776	32	24
Texas.....	88,564	101,914	118,658	136,278	158,462	173,459	9.5	6,714	7,550	8,544	9,516	10,731	11,352	28	17
<b>Rocky Mountain</b> .....	40,028	46,475	52,998	59,717	67,694	72,172	6.6	6,585	7,428	8,231	9,068	10,063	10,511	.....	.....
Colorado.....	19,133	22,155	25,687	29,058	33,257	35,853	7.8	7,097	8,008	9,016	10,009	11,216	11,776	18	12
Idaho.....	5,379	6,234	6,867	7,674	8,573	8,938	4.2	6,089	6,843	7,363	8,102	8,937	9,259	36	40
Montana.....	4,752	5,548	6,024	6,637	7,460	7,810	4.7	6,161	7,076	7,633	8,420	9,412	9,750	34	36
Utah.....	7,662	8,811	10,007	11,226	12,632	13,566	7.4	5,820	6,459	7,067	7,626	8,322	8,733	41	47
Wyoming.....	3,101	3,727	4,413	5,121	5,771	6,005	6.1	7,535	8,649	9,767	10,791	11,733	11,970	12	9
<b>Far West</b> .....	226,134	259,481	296,783	334,635	373,446	397,357	4.4	7,734	8,663	9,695	10,670	11,704	12,227	.....	.....
California.....	175,737	200,658	229,272	258,990	289,584	310,097	7.1	7,863	8,786	9,859	10,895	11,968	12,543	6	5
Nevada.....	5,295	6,386	7,490	8,613	9,787	10,348	5.7	7,808	8,878	9,789	10,674	11,582	11,748	7	13
Oregon.....	17,070	19,687	22,338	24,464	26,529	27,523	3.7	6,998	7,844	8,664	9,275	10,009	10,392	20	31
Washington.....	28,032	32,750	37,683	42,568	47,546	49,390	3.9	7,431	8,427	9,391	10,262	11,274	11,635	14	14
Alaska.....	4,358	4,407	4,577	5,082	5,661	6,655	17.6	10,968	10,957	11,344	12,618	13,749	15,200	1	1
Hawaii.....	6,975	7,782	8,719	9,861	10,818	11,530	6.6	7,617	8,378	9,177	10,182	11,032	11,602	8	15
<b>Census regions</b>															
<b>New England</b> .....	88,512	98,236	110,039	123,319	137,582	147,652	7.3	7,221	7,985	8,913	9,971	11,056	11,819	.....	.....
<b>Middle Atlantic</b> .....	276,501	303,749	336,036	372,819	414,765	444,437	7.2	7,458	8,222	9,112	10,122	11,248	12,024	.....	.....
<b>East North Central</b> .....	305,704	340,539	378,960	405,956	443,643	461,589	4.0	7,393	8,204	9,107	9,734	10,650	11,100	.....	.....
<b>West North Central</b> .....	115,891	130,935	147,267	157,711	177,063	184,731	4.3	6,837	7,689	8,614	9,168	10,272	10,652	.....	.....
<b>South Atlantic</b> .....	227,052	256,831	289,603	325,974	366,887	394,243	7.5	6,425	7,158	7,936	8,776	9,719	10,317	.....	.....
<b>East</b>															

Table 3.—Percent Changes in Selected Shares of Personal Income, 1981–82

State and region	Total personal income	Labor and proprietors' income of persons engaged in production <sup>1</sup>										Government		
		Total	Non-farm	Mining	Contracting construction	Manufacturing	Wholesale and retail trade	Finance, insurance and real estate	Transportation communication public utilities	Services	Other	Federal civilian	Federal military	State and local
United States.....	6.4	4.2	4.5	5.0	-0.8	-0.2	4.2	8.9	4.6	9.6	5.0	4.3	12.3	7.0
New England.....	7.3	5.9	6.0	-13.0	7.9	2.9	4.6	11.9	7.4	10.7	4.2	4.0	11.1	3.5
Connecticut.....	7.5	6.1	6.1	-24.3	7.3	2.2	5.6	14.2	10.0	11.4	1.2	5.9	8.2	3.8
Maine.....	6.0	3.9	5.1	2.3	-1	5.6	2.3	9.0	5.1	5.2	6.2	6.5	12.5	6.4
Massachusetts.....	7.3	6.1	6.1	8.9	-1	3.7	4.5	11.3	6.3	11.0	4.7	1.8	12.7	1.4
New Hampshire.....	8.7	7.9	7.9	-1.8	25.0	4.0	3.8	9.4	8.4	11.3	3.2	4.1	8.2	10.7
Rhode Island.....	6.3	3.6	3.6	33.8	4.7	-3.5	3.0	8.3	7.3	9.7	4.6	5.7	12.7	7.2
Vermont.....	8.4	6.9	6.9	9.7	-6.5	5.8	6.5	11.5	7.6	9.8	3.5	10.4	6.7	9.3
Mideast.....	7.1	5.4	5.5	3.5	4.8	-4	5.0	10.6	5.5	10.3	3.8	3.7	14.1	8.1
Delaware.....	6.9	6.1	6.3	(D)	(D)	1.6	4.0	15.7	3.8	9.6	(D)	7.3	12.2	5.6
District of Columbia.....	6.3	5.1	5.1	(D)	(D)	-1.6	.8	5.1	10.3	10.2	(D)	.9	12.9	8.5
Maryland.....	6.5	4.7	4.9	7.6	-3.6	-2.8	5.5	6.8	7.7	8.4	4.6	4.4	14.0	9.5
New Jersey.....	7.7	6.6	6.6	1.7	2.4	2.1	7.0	10.8	7.9	11.7	3.1	7.7	15.9	7.3
New York.....	7.9	7.2	7.3	4.8	12.3	3.3	5.7	12.3	6.2	9.2	3.9	3.7	10.8	8.6
Pennsylvania.....	5.5	2.0	2.2	3.0	-1	-5.7	2.4	6.9	1.2	12.4	3.5	5.8	18.7	7.1
Great Lakes.....	4.0	.6	.8	2.9	-3.7	-4.4	1.4	7.1	.9	6.9	3.6	3.8	9.7	6.1
Illinois.....	5.0	2.0	2.8	6.3	2.4	-4.1	1.4	12.2	2.2	8.2	1.4	5.0	7.9	8.9
Indiana.....	4.0	.9	.4	6.7	-5.5	-2.5	1.4	.7	1.7	5.7	4.8	-2	12.7	4.4
Michigan.....	1.7	-2.5	-2.3	-17.5	-8.7	-6.7	-2.1	0	-1.1	4.3	4.0	4.6	11.4	3.5
Ohio.....	4.7	1.1	.9	8.0	-4.5	-5.1	3.7	7.8	0	8.6	3.8	3.9	11.1	5.3
Wisconsin.....	5.1	1.8	2.3	-5.9	-8.2	-1	2.5	4.3	1.4	5.9	5.7	3.0	8.9	7.9
Plains.....	4.3	1.3	2.8	-8.9	-5.4	-1.0	2.7	6.5	2.2	8.1	4.0	4.7	8.9	6.0
Iowa.....	.7	-4.9	-3	-8.8	-16.7	-7.4	1.3	6.4	.8	7.1	2.9	8.1	8.4	6.7
Kansas.....	6.9	4.3	2.0	6.1	-5.6	-7.7	2.7	7.8	6.7	6.5	3.8	6.9	7.7	8.4
Minnesota.....	4.0	.8	2.3	-34.3	-5.2	4.1	1.8	5.7	-2.3	6.1	4.7	3.5	-4	2.8
Missouri.....	5.6	3.8	4.5	11.1	.5	1.6	3.6	5.9	3.8	9.4	4.2	4.2	7.6	6.1
Nebraska.....	1.8	-2.1	3.8	1.9	-10.8	-3.5	3.8	7.4	1.9	12.4	6.0	3.7	11.7	7.1
North Dakota.....	6.8	5.5	8.2	-9.2	18.6	6.0	6.5	8.3	5.3	12.0	3.8	3.4	13.4	12.0
South Dakota.....	8.3	6.9	2.6	-14.2	-22.1	2.3	.6	9.8	1.2	8.7	-1.3	2.5	12.3	7.5
Southeast.....	6.9	5.0	5.3	8.5	-1.5	.4	4.8	8.2	6.4	11.3	5.6	4.4	13.2	7.2
Alabama.....	5.1	2.5	2.8	11.6	-2.3	-4.0	3.3	6.6	5.9	10.6	8.1	4.9	10.1	4.4
Arkansas.....	3.4	0	2.9	10.1	-11.5	-9	2.8	9.7	3.8	8.7	4.5	3.6	13.3	6.5
Florida.....	9.4	8.1	7.9	-4.0	-2.7	6.6	6.0	8.6	8.3	13.2	6.1	4.4	14.8	9.1
Georgia.....	7.7	6.7	6.9	2.0	8.6	2.1	6.0	9.4	8.7	10.8	5.2	7.9	11.4	8.1
Kentucky.....	5.4	3.2	3.2	5.1	-1.9	-2.6	3.5	5.5	3.7	7.8	5.4	11.7	14.2	5.3
Louisiana.....	7.3	5.9	6.0	9.0	-5.1	.4	4.2	10.3	4.4	14.3	5.2	8.2	12.2	11.1
Mississippi.....	6.0	3.8	3.9	6.1	7.2	-2	3.0	6.5	4.7	8.7	3.3	-3.5	13.2	5.3
North Carolina.....	5.5	3.2	4.2	-4.0	-3.4	.6	6.2	6.9	7.1	8.8	4.8	7.7	10.7	4.4
South Carolina.....	6.5	4.5	4.7	-8	-2	-1.0	3.2	8.1	8.0	12.4	3.9	5.6	14.4	10.0
Tennessee.....	5.6	3.2	3.2	2.2	5.4	-3	3.8	7.5	1.4	9.5	5.1	-6.9	8.9	5.7
Virginia.....	7.4	6.3	6.9	7.2	-2.8	2.8	5.9	8.7	8.7	12.0	6.6	5.3	14.6	6.6
West Virginia.....	5.6	2.4	2.5	14.5	-12.1	-7.2	.3	6.2	2.5	9.4	2.5	5.6	7.8	5.3
Southwest.....	8.9	8.0	8.2	6.8	5.5	3.3	8.7	13.7	5.9	12.6	5.7	5.2	11.2	12.1
Arizona.....	6.9	4.2	4.2	-21.2	-6.4	2.4	5.8	8.7	-3.1	10.4	6.4	5.4	12.7	10.9
New Mexico.....	8.2	6.8	6.8	-6.5	5.8	8.2	8.9	7.9	7.3	11.7	5.9	2.5	15.9	7.6
Oklahoma.....	7.8	6.4	7.1	7.1	5.5	.5	7.5	9.4	5.2	10.7	5.1	5.6	17.2	12.9
Texas.....	9.5	8.9	9.1	10.2	7.4	3.8	9.3	15.5	7.2	13.4	5.6	5.6	9.1	12.8
Rocky Mountain.....	6.6	4.6	4.8	-2.4	5.1	2.4	4.5	6.2	5.9	8.7	5.3	4.0	6.6	6.0
Colorado.....	7.8	6.5	6.7	-.6	12.9	5.1	6.2	6.1	8.6	8.6	5.2	4.2	4.9	6.3
Idaho.....	4.2	1.0	.6	-23.3	-10.9	-3.2	.9	4.0	1.2	6.8	5.1	-1.6	7.2	7.0
Montana.....	4.7	.8	1.3	-8.7	-5.0	-10.0	2.4	6.4	2.6	6.0	5.0	6.2	8.9	4.6
Utah.....	7.4	5.6	5.7	-1.8	3.2	2.9	3.7	7.7	7.9	12.0	6.2	5.0	10.7	7.4
Wyoming.....	4.1	1.1	1.7	-.8	.6	1.0	2.7	7.2	-1.5	7.1	5.8	3.2	10.0	2.0
Far West.....	6.4	4.2	4.4	5.3	-9.2	3.7	3.1	6.5	4.0	8.6	5.8	5.1	13.5	4.9
California.....	7.1	5.3	5.5	7.5	-6.4	5.3	4.1	7.2	4.6	10.0	5.3	5.2	13.6	4.1
Nevada.....	5.7	2.9	3.1	-9.2	-20.2	.5	.5	3.9	2.1	7.9	1.6	7.5	13.0	10.5
Oregon.....	3.7	-3	-1	-11.0	-21.4	-2.9	-6	1.5	.6	6.1	5.7	5.6	10.7	4.7
Washington.....	3.9	.4	.5	4.5	-13.7	-2.1	-1	5.0	2.4	-1	8.6	3.9	12.9	8.6
Alaska.....	17.6	12.1	12.1	19.2	28.9	-9.1	12.1	12.9	7.7	10.7	-2.4	4.6	12.5	15.0
Hawaii.....	6.6	5.5	5.5	40.2	-12.6	.4	5.0	3.4	4.2	8.9	6.3	7.1	11.4	8.5
Census regions														
New England.....	7.3	5.9	6.0	-13.0	7.9	2.9	4.6	11.9	7.4	10.7	4.2	4.0	11.1	3.5
Middle Atlantic.....	7.2	5.5	5.6	3.2	5.6	-3	5.0	11.0	5.2	10.5	3.6	5.3	14.6	8.0
East North Central.....	4.0	.6	.8	2.9	-3.7	-4.4	1.4	7.1	.9	6.9	3.6	3.8	9.7	6.1
West North Central.....	4.3	1.3	2.8	-8.9	-5.4	-1.0	2.7	6.5	2.2	8.1	4.0	4.7	8.9	6.0
South Atlantic.....	7.5	5.8	6.0	10.0	-1.0	1.3	5.4	8.1	7.9	11.1	5.4	4.1	13.5	7.7
East South Central.....	5.5	3.1	3.2	6.1	1.9	-1.8	3.5	6.7	3.7	9.2	5.7	.5	11.9	5.2
West South Central.....	8.5	7.5	7.9	9.4	3.6	2.5	7.9	13.8	6.2	13.0	5.4	5.8	10.9	12.0
Mountain.....	6.8	4.6	4.7	-5.9	-1	2.6	4.9	6.8	4.0	9.2	5.5	4.2	9.9	7.7
Pacific.....	6.6	4.4	4.7	9.1	-7.6	3.6	3.4	6.5	4.1	8.7	5.7	5.1	13.1	5.2

<sup>1</sup> Not shown to avoid disclosure of confidential information; data are included in totals.  
1. Consists of wage and salary disbursements, other labor income, and proprietors' income.

Table 4.—Total and Per Capita Disposable Personal Income

State and region	Total							Per capita							Rank in United States	
	Millions of dollars						Percent change 1981-82	Dollars						1977	1982	
	1977	1978*	1979*	1980*	1981*	1982 <sup>p</sup>		1977	1978*	1979*	1980*	1981*	1982 <sup>p</sup>			
<b>United States</b> .....	<b>1,309,219</b>	<b>1,469,222</b>	<b>1,643,846</b>	<b>1,818,158</b>	<b>2,020,877</b>	<b>2,163,746</b>	<b>7.1</b>	<b>5,957</b>	<b>6,615</b>	<b>7,320</b>	<b>8,004</b>	<b>8,813</b>	<b>9,345</b>	.....	.....	
<b>New England</b> .....	<b>75,811</b>	<b>83,795</b>	<b>93,111</b>	<b>103,827</b>	<b>115,078</b>	<b>124,440</b>	<b>8.1</b>	<b>6,185</b>	<b>6,811</b>	<b>7,542</b>	<b>8,395</b>	<b>9,248</b>	<b>9,961</b>	.....	.....	
Connecticut.....	21,664	24,037	26,930	30,190	33,561	36,416	8.5	7,014	7,767	8,687	9,695	10,709	11,549	3	3	
Maine.....	5,649	6,165	6,812	7,517	8,398	8,875	6.4	5,111	5,527	6,055	6,673	7,360	7,830	39	41	
Massachusetts.....	35,553	39,107	43,188	48,141	53,173	57,460	8.1	6,189	6,810	7,516	8,333	9,210	9,940	14	13	
New Hampshire.....	4,948	5,617	6,396	7,174	8,026	8,780	9.4	5,675	6,283	7,014	7,769	8,579	9,234	29	22	
Rhode Island.....	5,553	6,085	6,699	7,406	8,164	8,746	7.1	5,814	6,357	7,003	7,808	8,567	9,125	25	25	
Vermont.....	2,443	2,785	3,086	3,399	3,817	4,162	9.1	4,964	5,589	6,102	6,638	7,403	8,065	47	38	
<b>Mideast</b> .....	<b>269,269</b>	<b>295,867</b>	<b>325,227</b>	<b>360,527</b>	<b>397,749</b>	<b>428,699</b>	<b>7.8</b>	<b>6,329</b>	<b>6,974</b>	<b>7,678</b>	<b>8,525</b>	<b>9,388</b>	<b>10,096</b>	.....	.....	
Delaware.....	3,650	4,021	4,408	4,869	5,334	5,744	7.7	6,137	6,722	7,361	8,169	8,914	9,539	16	17	
District of Columbia.....	5,046	5,345	5,821	6,494	7,153	7,456	7.2	7,401	7,977	8,378	10,201	11,021	11,809	2	2	
Maryland.....	26,032	29,176	32,238	36,205	39,882	42,715	7.1	6,206	6,928	7,633	8,568	9,355	10,015	13	9	
New Jersey.....	50,466	55,758	61,216	68,176	75,536	81,850	8.4	6,874	7,579	8,303	9,242	10,202	11,004	4	4	
New York.....	113,288	124,182	135,603	150,086	166,324	180,423	8.5	6,346	7,008	7,690	8,540	9,449	10,217	11	7	
Pennsylvania.....	70,786	77,386	85,942	94,698	103,719	110,512	6.5	5,958	6,522	7,238	7,971	8,737	9,314	20	21	
<b>Great Lakes</b> .....	<b>258,866</b>	<b>287,467</b>	<b>318,672</b>	<b>342,588</b>	<b>370,790</b>	<b>389,647</b>	<b>5.1</b>	<b>6,260</b>	<b>6,925</b>	<b>7,658</b>	<b>8,215</b>	<b>8,901</b>	<b>9,370</b>	.....	.....	
Illinois.....	77,467	85,338	94,316	100,385	110,938	117,402	5.8	6,792	7,463	8,257	8,781	9,679	10,255	5	6	
Indiana.....	31,507	35,181	39,052	41,381	44,608	46,897	5.1	5,829	6,459	7,133	7,539	8,158	8,572	24	35	
Michigan.....	58,058	64,965	71,681	77,474	82,803	85,137	2.8	6,340	7,060	7,750	8,371	8,996	9,347	12	19	
Ohio.....	65,120	72,223	79,654	86,522	93,167	98,361	5.6	6,046	6,690	7,376	8,011	8,642	9,115	17	26	
Wisconsin.....	26,715	29,761	33,969	38,226	41,850	44,850	6.6	5,791	6,426	7,280	7,788	8,283	8,782	26	31	
<b>Plains</b> .....	<b>99,063</b>	<b>111,808</b>	<b>124,928</b>	<b>133,267</b>	<b>148,909</b>	<b>156,190</b>	<b>4.9</b>	<b>5,845</b>	<b>6,566</b>	<b>7,307</b>	<b>7,747</b>	<b>8,639</b>	<b>9,006</b>	.....	.....	
Iowa.....	17,273	20,071	21,770	22,771	25,441	25,710	1.1	5,927	6,876	7,464	7,818	8,776	8,850	21	29	
Kansas.....	14,239	16,052	18,588	19,832	21,641	23,403	8.1	6,143	6,881	7,919	8,377	9,083	9,720	15	15	
Minnesota.....	24,022	26,754	29,835	32,979	36,459	38,013	4.3	6,036	6,681	7,388	8,078	8,905	9,198	18	24	
Missouri.....	27,470	30,412	33,977	36,378	40,314	42,743	6.0	5,670	6,243	6,949	7,388	8,159	8,634	30	33	
Nebraska.....	8,944	10,165	11,535	11,902	13,962	14,163	1.4	5,754	6,513	7,374	7,573	8,855	8,932	28	28	
North Dakota.....	3,487	4,239	4,607	4,688	5,739	6,303	9.8	5,371	6,515	7,065	7,168	8,715	9,407	34	18	
South Dakota.....	3,629	4,114	4,615	4,717	5,353	5,856	9.4	5,287	5,969	6,693	6,839	7,808	8,480	37	36	
<b>Southeast</b> .....	<b>259,083</b>	<b>292,475</b>	<b>327,997</b>	<b>364,998</b>	<b>409,456</b>	<b>440,059</b>	<b>7.5</b>	<b>5,150</b>	<b>5,722</b>	<b>6,310</b>	<b>6,903</b>	<b>7,641</b>	<b>8,122</b>	.....	.....	
Alabama.....	18,126	20,440	22,544	24,662	26,969	28,609	6.1	4,792	5,331	5,826	6,332	6,884	7,256	48	48	
Arkansas.....	10,600	11,994	13,361	14,083	15,951	16,527	3.6	4,757	5,352	5,888	6,127	6,948	7,212	49	49	
Florida.....	50,331	57,879	66,748	77,017	88,265	97,180	10.1	5,662	6,338	7,043	7,800	8,668	9,330	31	20	
Georgia.....	26,617	30,139	33,499	37,162	41,762	45,129	8.1	5,107	5,701	6,214	6,779	7,493	8,003	40	40	
Kentucky.....	17,810	19,779	22,234	23,667	26,161	27,754	6.1	4,982	5,477	6,102	6,463	7,143	7,568	46	45	
Louisiana.....	20,606	23,427	26,401	30,517	34,955	37,646	7.7	5,131	5,751	6,378	7,229	8,114	8,630	38	34	
Mississippi.....	10,719	11,916	13,282	14,396	16,008	17,066	6.6	4,358	4,839	5,276	5,707	6,324	6,690	51	51	
North Carolina.....	28,268	31,977	35,281	38,883	43,599	46,226	6.0	4,987	5,572	6,081	6,604	7,323	7,681	44	43	
South Carolina.....	14,114	15,776	17,498	19,320	21,522	23,044	7.1	4,722	5,188	5,668	6,178	6,796	7,195	50	50	
Tennessee.....	21,988	24,754	27,743	30,227	33,438	35,545	6.3	4,995	5,548	6,120	6,578	7,250	7,643	43	44	
Virginia.....	30,370	33,822	37,719	42,226	47,019	50,632	7.7	5,834	6,401	7,084	7,876	8,660	9,221	22	23	
West Virginia.....	9,634	10,573	11,740	12,838	13,808	14,701	6.5	5,056	5,506	6,054	6,582	7,074	7,548	41	46	
<b>Southwest</b> .....	<b>110,926</b>	<b>128,108</b>	<b>147,840</b>	<b>168,283</b>	<b>194,132</b>	<b>212,397</b>	<b>9.4</b>	<b>5,628</b>	<b>6,348</b>	<b>7,116</b>	<b>7,866</b>	<b>8,829</b>	<b>9,366</b>	.....	.....	
Arizona.....	13,086	15,320	18,153	20,658	23,426	25,233	7.7	5,391	6,085	6,880	7,565	8,383	8,821	33	30	
New Mexico.....	6,162	7,080	8,016	8,908	9,715	10,638	9.5	5,029	5,656	6,260	6,825	7,317	7,826	42	42	
Oklahoma.....	15,575	17,819	20,684	23,422	26,772	28,919	8.0	5,435	6,117	6,964	7,711	8,635	9,103	32	27	
Texas.....	76,103	87,889	100,987	115,295	134,219	147,608	10.0	5,769	6,511	7,272	8,051	9,090	9,660	27	16	
<b>Rocky Mountain</b> .....	<b>34,108</b>	<b>39,617</b>	<b>44,881</b>	<b>50,506</b>	<b>57,173</b>	<b>61,238</b>	<b>7.1</b>	<b>5,611</b>	<b>6,332</b>	<b>6,970</b>	<b>7,669</b>	<b>8,499</b>	<b>8,919</b>	.....	.....	
Colorado.....	16,145	18,683	21,535	24,298	27,859	30,070	7.9	5,988	6,753	7,558	8,370	9,395	9,877	19	14	
Idaho.....	4,683	5,405	5,939	6,636	7,366	7,733	5.0	5,301	5,934	6,368	7,005	7,678	8,011	35	39	
Montana.....	4,076	4,805	5,161	5,687	6,372	6,754	6.0	5,284	6,129	6,540	7,215	8,040	8,432	36	37	
Utah.....	6,559	7,549	8,536	9,595	10,758	11,629	8.1	4,982	5,534	6,028	6,518	7,087	7,486	45	47	
Wyoming.....	2,645	3,174	3,710	4,290	4,817	5,052	4.9	4,428	4,827	5,211	5,604	6,039	6,466	10	8	
<b>Far West</b> .....	<b>192,595</b>	<b>219,812</b>	<b>250,100</b>	<b>281,591</b>	<b>313,788</b>	<b>335,631</b>	<b>7.0</b>	<b>6,587</b>	<b>7,338</b>	<b>8,170</b>	<b>8,978</b>	<b>9,834</b>	<b>10,328</b>	.....	.....	
California.....	149,632	169,842	193,140	217,657	243,305	261,563	7.5	6,695	7,437	8,305	9,157	10,056	10,580	6	5	
Nevada.....	4,483	5,369	6,274	7,207	8,215	8,766	6.7	6,611	7,464	8,199	8,932	9,722	9,952	7	12	
Oregon.....	14,224	16,441	18,558	20,409	21,892	22,931	4.7	5,821	6,551	7,198	7,738	8,259	8,658	23	32	
Washington.....	24,256	28,159	32,130	36,318	40,376	42,371	4.9	6,430	7,246	8,007	8,756	9,574	9,981	9	10	
Alaska.....	3,538	3,635	3,686	4,185	4,655	5,551	19.2	8,904	9,039	9,136	10,393	11,307	12,680	1	1	
Hawaii.....	5,961	6,638	7,402	8,385	9,148	9,894	8.2	6,509	7,146	7,791	8,658	9,328	9,956	8	11	
<b>Census regions</b>																
New England.....	75,811	83,795	93,111	103,827	115,078	124,440	8.1	6,185	6,811	7,542	8,395	9,248	9,961	.....	.....	
Middle Atlantic.....	234,541	257,325	282,760	312,959	345,579	372,784	7.9	6,326	6,966	7,667	8,497	9,371	10,085	.....	.....	
East North Central.....	258,866	287,467	318,672	342,588	370,790	389,647	5.1	6,260	6,925	7,658	8,215	8,901	9,370	.....	.....	
West North Central.....																

# County and Metropolitan Area Personal Income, 1979-81

The State and local area estimates of personal income released each April are consistent with each other. The State estimates in the April issues of the SURVEY OF CURRENT BUSINESS include preliminary annual and quarterly estimates for the most recent year and revised annual and quarterly estimates for previous years. The State estimates supersede those published in the SURVEY usually in the issue of the previous August.

The local area estimates are routinely revised in at least each of the 2 years following their

initial release. These revisions incorporate more complete information for local areas as well as revised State and national totals.

Comprehensive revisions are initiated periodically—approximately every 5 years—at the national level and extended, where appropriate, to the State and local area levels. At the local area level they include changes made possible by the availability of more current subnational data as well as changes based on definitional, classificational, and statistical changes at the national level.

income received by persons from all sources, that is, from participation in production, from transfer payments from government and business, and from government interest, which is treated like a transfer payment. Persons consist of individuals, nonprofit institutions, private noninsured welfare funds, and private trust funds. Proprietors' income is treated in its entirety as received by individuals. Life insurance carriers and private noninsured pension funds are not counted as persons, but their saving is credited to persons. Personal income is the sum of wage and salary disbursements, other labor income, proprietors' income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance.

The definitions underlying the local area estimates are, for the most part,

**S**UMMARY estimates of total and per capita personal income for 1979-81 for the 305 Standard Metropolitan Statistical Areas (SMSA's) are shown in table 1; table 2 contains the same data for the 3,140 counties and county equivalents. The 1981 estimates are presented for the first time. The 1979 and 1980 estimates reflect routine annual revisions and supersede those presented in the April 1982 SURVEY OF CURRENT BUSINESS. The 1977 and 1978 estimates, which are not presented here, have also been routinely revised. Estimates of personal income by type, including earnings by major industrial source, for 1976-81 for SMSA's and counties (as shown in table A) will be published in the nine-volume set *Local Area Personal Income, 1976-81*, scheduled for release by July 1983 (see notice on page S-36). Volume 1 of that set will include a detailed description of the sources and methods used to derive the estimates.

Estimates for the years 1959, 1962, and 1965-68 that incorporate the 1980 national comprehensive revisions are also available for the first time. Previously, SMSA and county estimates that incorporated the national comprehensive revisions were available only back to 1969. (Discussions of the SMSA and county comprehensive revisions appear in the April 1982

SURVEY and in *Local Area Personal Income, 1975-80*.) The revised personal income estimates for 1959, 1962, and 1965-68 will not be published but can be purchased, in summary or detailed form, through the Regional Economic Information System.

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

The personal income of an area is the income received by, or on behalf of, the residents of the area. It is the

## Acknowledgments

The personal income estimates were prepared under the direction of Edwin J. Coleman, Chief, and Linnea Hazen, Assistant Chief, Regional Economic Measurement Division. Tables were prepared by Eunice P. James, and secretarial support was provided by Valeria A. Hamilton, Regional Economic Information System Branch.

Estimates of civilian nonfarm wages and salaries and other labor income were prepared under the supervision of Elizabeth H. Queen, Chief, and Carol E. Evans, Assistant Chief, Regional Wage Branch. Major responsibilities were assumed by: Sharon C. Carnevale, Michael G. Pilot, Chen T. Pomsouvan, William E. Reid, Jr., Victor Sahadachny, James M. Scott, and Philip F. Simon.

Estimates of farm income were prepared under the supervision of Kenneth P. Berkman; major responsibilities were assumed by James M. Zavrel. Estimates of nonfarm proprietors' income and property income were prepared under the supervision of Linnea Hazen. Major responsibilities were assumed by Arthur L. Sensenig, Gary V. Kennedy, and Charles E. Jolley.

Estimates of Federal military income, transfer payments, and personal contributions for social insurance were prepared under the supervision of Robert L. Brown, Acting Chief, Quarterly Income Branch. Major responsibilities were assumed by John M. Reed and Isabelle B. Whiston.

Residence adjustments, disclosure avoidance, and final preparation of the local area personal income accounts were performed under the supervision of David W. Cartwright, Chief and Vivian G. Conklin, Assistant Chief, Regional Economic Information System Branch. Major responsibilities were assumed by Wallace K. Bailey and Paul M. Levit.

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. citizens temporarily working on assignment abroad. The national estimates include Federal civilian and military personnel stationed abroad and U.S. residents employed by private U.S. firms on temporary foreign assignment. The local area estimates include only persons residing in the 50 States and the District of Columbia. Another difference between the national and local area estimates relates to the classification of personal income into farm and nonfarm categories. In the national estimates, farm income consists of farm earnings and agricultural net interest; in the local area estimates, it is limited to farm earnings.

Per capita income is computed by dividing the total personal income by midyear (July 1) population estimates. The college student population, however, is measured as of April 1.

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, a major construction project (e.g., a defense facility, nuclear plant, or dam), or a catastrophe (e.g., a tornado or drought). In some cases, a high per capita personal income is not representative of the standard of living in an area. For example, a construction project may attract a large number of high-paid workers who are included in the population but who send a substantial portion of their wages to dependents living in other areas. Conversely, a county with a large institutional population (e.g., residents of a college, prison, or State mental hospital) may show an unusually low per capita personal income, which is not indicative of the economic well-being of the non-institutional population. Moreover, 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.

PERSONAL income by type of payment and earnings by major industry groups, as shown in table A, are available for SMSA's and for counties for 1959, 1962, and 1965-81. The local area table format has been revised to include estimates of nonfarm personal income, to provide a clearer distinction between income flows by place of residence and place of work, and to provide a more straightforward presentation of total and per capita income.

This information can be obtained for one or more counties or SMSA's 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, SMSA, or county table. However, charges will not exceed: \$500 for a complete set of SMSA tables, and \$1,500 for an entire 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, 1976-81

[Thousands of dollars]

New London County, Connecticut	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>
<b>Income by Place of Residence</b>						
Total personal income.....	1,523,656	1,708,813	1,856,174	2,089,172	2,361,482	2,681,741
Nonfarm personal income <sup>3</sup> .....	1,513,140	1,698,350	1,842,988	2,076,949	2,346,761	2,666,072
Farm income.....	10,516	10,463	13,186	12,223	14,721	15,669
Population (thousands).....	242.0	241.3	242.7	240.8	238.1	239.5
Per capita personal income (dollars).....	6,297	7,083	7,647	8,676	9,917	11,199
<b>Derivation of total personal income:</b>						
Total earnings by place of work <sup>4</sup> .....	1,239,006	1,414,515	1,491,647	1,650,672	1,842,545	2,083,952
Less: Personal contributions for social insurance.....	60,218	68,168	72,666	84,514	94,558	115,523
Plus: Residence adjustment.....	-61,636	-84,107	-62,831	-40,429	-47,555	-69,991
Equals: Net earnings by place of residence.....	1,117,154	1,262,240	1,356,150	1,525,729	1,700,432	1,898,436
Plus: Dividends, interest, and rent <sup>5</sup> .....	203,636	229,749	267,314	311,172	370,660	450,390
Plus: Transfer payments.....	202,866	216,824	232,710	252,271	290,390	332,853
<b>Earnings by Place of Work</b>						
<b>Components of earnings:</b>						
Wages and salaries.....	1,069,576	1,217,054	1,277,342	1,415,324	1,578,429	1,795,255
Other labor income.....	102,800	123,585	126,921	138,708	162,817	182,369
Proprietors' income <sup>6</sup> .....	66,630	73,876	87,984	96,640	101,299	106,328
Farm.....	6,132	5,372	7,825	6,245	7,905	8,436
Nonfarm.....	60,498	68,504	79,559	90,395	93,394	97,892
<b>Earnings by industry:</b>						
Farm.....	10,516	10,463	13,186	12,223	14,721	15,669
Nonfarm.....	1,228,490	1,404,052	1,478,461	1,638,449	1,827,824	2,068,283
Private.....	936,375	1,064,700	1,105,913	1,245,870	1,407,004	1,608,684
Ag. serv., for., fish., and other <sup>7</sup> .....	2,407	3,267	3,614	4,026	4,179	3,612
Mining.....	802	955	986	1,145	1,132	1,087
Construction.....	41,135	40,893	43,997	73,255	80,180	120,742
Manufacturing.....	521,734	608,825	599,924	662,060	760,195	850,875
Nondurable goods.....	106,617	117,291	131,040	148,917	169,974	178,154
Durable goods.....	415,117	491,534	468,884	513,143	590,221	672,721
Transportation and public utilities.....	53,009	60,867	67,024	73,207	81,823	88,482
Wholesale trade.....	34,693	35,588	36,098	40,406	45,755	58,640
Retail trade.....	106,799	116,587	130,060	140,467	151,136	165,309
Finance, insurance, and real estate.....	23,242	26,407	31,319	35,283	38,219	40,248
Services.....	152,554	171,311	192,891	216,021	244,385	279,689
Government and Government enterprises.....	292,115	339,352	372,548	392,579	420,820	459,599
Federal, civilian.....	65,216	67,707	76,762	81,729	85,705	93,001
Federal, military <sup>8</sup> .....	111,375	148,433	161,942	166,043	179,187	198,209
State and local.....	115,524	123,212	133,844	144,807	155,928	168,389

2. Estimates based on 1972 SIC.

3. Total personal income less farm earnings (labor and proprietors' income) equals nonfarm personal income.

4. Consists of wage and salary disbursements, other labor income, and proprietors' income. Primary source for private nonfarm wages: ES-202 covered wages—Connecticut employment security division.

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

7. Includes the capital consumption adjustment for nonfarm proprietors.

8. Includes wages and salaries of U.S. residents working for international organizations in the U.S.

9. The estimates for Federal military earnings have been revised for the years 1977-81.

<sup>0</sup> Not shown to avoid disclosure of confidential information, data are included in totals.

<sup>1</sup> Less than \$50,000. Data are included in totals.

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA for Selected Years

Area title	Total personal income				Per capita personal income				Rank in United States 1981	Area title	Total personal income				Per capita personal income				Rank in United States 1981
	Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in United States 1981			Millions of dollars			Percent change <sup>1</sup>	Dollars			Rank in United States 1981	
	1979	1980	1981		1979	1980	1981				1979	1980	1981		1979	1980	1981		
United States <sup>2</sup> .....	1,943,983	2,154,049	2,406,545	11.72	8,657	9,483	10,495	.....	Columbus, OH.....	9,466	10,432	11,401	9.29	8,612	9,541	10,289	123		
Sum of SMSA counties.....	1,553,629	1,731,835	1,932,024	11.56	9,192	10,129	11,188	.....	Corpus Christi, TX.....	2,548	2,878	3,359	16.71	7,942	8,783	10,078	139		
Sum of non-SMSA counties.....	390,354	422,214	474,521	12.39	7,027	7,516	8,382	.....	Cumberland, MD-WV.....	705	782	851	8.78	6,534	7,243	7,857	284		
Abilene, TX.....	1,172	1,311	1,539	17.36	8,582	9,383	10,737	89	Dallas-Fort Worth, TX.....	28,271	32,963	37,820	14.74	9,794	10,999	12,144	31		
Akron, OH.....	5,665	6,141	6,702	9.14	8,579	9,293	10,235	128	Danville, VA.....	718	783	897	14.54	6,395	6,997	7,992	279		
Albany, GA.....	745	827	934	12.95	6,730	7,315	8,088	275	Davenport-Rock Island-Moline, IA-IL.....	3,874	3,958	4,411	11.44	9,568	10,298	11,385	52		
Albany-Schenectady-Troy, NY.....	6,750	7,461	8,222	10.21	8,438	9,377	10,338	116	Dayton, OH.....	7,460	7,992	8,772	9.75	8,997	9,619	10,601	98		
Albuquerque, NM.....	3,524	3,930	4,369	11.15	7,918	8,596	9,478	198	Daytona Beach, FL.....	1,822	2,124	2,448	15.24	7,277	8,139	9,057	224		
Alexandria, LA.....	878	1,010	1,140	12.92	5,858	6,620	7,411	297	Decatur, IL.....	1,177	1,251	1,399	11.80	8,891	9,522	10,554	101		
Allentown-Bethlehem-Easton, PA-NJ.....	5,624	6,269	6,878	9.71	8,884	9,821	10,767	85	Denver-Boulder, CO.....	16,121	18,326	21,112	15.20	10,066	11,263	12,605	17		
Altoona, PA.....	950	1,024	1,115	8.90	6,887	7,495	8,243	268	Des Moines, IA.....	3,421	3,722	4,070	9.34	10,162	11,002	12,136	32		
Amarillo, TX.....	1,556	1,684	1,918	13.93	9,138	9,634	10,706	91	Detroit, MI.....	45,707	48,338	51,399	6.33	10,491	11,120	11,941	38		
Anaheim-Santa Ana-Garden Grove, CA.....	20,054	22,923	25,850	12.77	10,599	11,808	13,027	13	Dubuque, IA.....	829	885	945	6.74	8,877	9,441	10,163	134		
Anchorage, AK.....	2,233	2,461	2,768	12.48	12,485	14,134	15,563	3	Duluth-Superior, MN-WI.....	2,160	2,315	2,543	9.87	8,126	8,678	9,615	186		
Anderson, IN.....	1,138	1,195	1,275	6.75	8,175	8,587	9,293	209	Eau Claire, WI.....	924	1,025	1,132	10.53	7,143	7,817	8,615	252		
Anderson, SC.....	876	967	1,059	9.59	6,744	7,218	7,738	291	El Paso, TX.....	2,863	3,197	3,659	14.42	6,061	6,631	7,360	299		
Ann Arbor, MI.....	2,549	2,792	3,031	8.56	9,698	10,532	11,462	50	Elkhart, IN.....	1,217	1,233	1,336	8.37	8,901	8,971	9,787	168		
Anniston, AL.....	737	837	921	10.03	6,314	7,163	7,614	295	Elmira, NY.....	741	822	907	10.38	7,463	8,411	9,342	208		
Appleton-Oshkosh, WI.....	2,553	2,782	2,998	7.75	8,876	9,498	10,214	130	Enid, OK.....	558	647	758	17.29	8,965	10,287	12,049	34		
Asheville, NC.....	1,232	1,381	1,524	10.41	6,984	7,755	8,507	259	Erie, PA.....	2,267	2,440	2,662	9.10	8,131	8,705	9,485	196		
Athens, GA.....	825	907	1,023	12.81	6,579	6,940	7,847	286	Eugene-Springfield, OR.....	2,161	2,320	2,489	7.30	8,069	8,404	9,026	228		
Atlanta, GA.....	17,867	20,354	22,925	12.65	8,968	9,976	10,972	74	Evansville, IN-KY.....	2,670	2,886	3,197	10.78	8,729	9,313	10,319	121		
Atlantic City, NJ.....	1,673	2,010	2,396	19.20	8,666	10,324	12,272	26	Fargo-Moorhead, ND-MN.....	1,216	1,229	1,386	12.76	8,872	8,918	9,986	154		
Augusta, GA-SC.....	2,255	2,502	2,772	10.76	7,000	7,608	8,346	262	Fayetteville, NC.....	1,497	1,668	1,859	11.44	6,129	6,752	7,404	298		
Austin, TX.....	4,272	4,955	5,798	17.03	8,145	9,139	10,442	110	Fayetteville-Springdale, AR.....	1,192	1,316	1,497	13.75	6,820	7,330	8,207	270		
Bakersfield, CA.....	3,266	3,691	4,069	10.24	8,306	9,084	9,742	174	Flint, MI.....	4,949	5,188	5,735	10.55	9,473	9,954	11,061	68		
Baltimore, MD.....	19,404	21,640	23,923	10.55	8,885	9,939	10,912	79	Florence, AL.....	959	1,061	1,175	10.83	7,124	7,835	8,609	253		
Bangor, ME.....	934	1,028	1,137	10.58	8,812	7,503	8,219	269	Florence, SC.....	676	749	850	13.56	6,200	6,780	7,669	294		
Baton Rouge, LA.....	3,943	4,701	5,257	11.83	8,189	9,445	10,323	120	Fort Collins, CO.....	1,108	1,277	1,441	12.81	7,620	8,478	9,387	204		
Battle Creek, MI.....	1,590	1,695	1,833	8.11	8,473	9,064	9,853	161	Fort Lauderdale-Hollywood, FL.....	9,565	11,266	13,028	15.64	9,696	11,020	12,330	25		
Bay City, MI.....	999	1,076	1,190	10.60	8,255	9,007	10,048	142	Fort Myers-Cape Coral, FL.....	1,634	1,922	2,243	16.66	8,482	9,252	10,000	147		
Beaumont-Port Arthur-Orange, TX.....	3,381	3,781	4,330	14.51	9,114	10,038	11,294	59	Fort Smith, AR-OK.....	1,306	1,430	1,627	13.79	6,473	6,996	7,917	282		
Bellingham, WA.....	858	931	1,031	10.72	8,224	8,701	9,451	199	Fort Walton Beach, FL.....	731	822	953	15.84	6,564	7,486	8,636	250		
Benton Harbor, MI.....	1,379	1,458	1,594	9.33	7,942	8,536	9,501	192	Fort Wayne, IN.....	3,450	3,551	3,872	9.03	9,019	9,277	10,156	136		
Billings, MT.....	963	1,065	1,198	12.47	8,920	9,827	10,946	77	Fresno, CA.....	4,520	5,033	5,380	6.89	8,926	9,735	10,243	127		
Biloxi-Gulfport, MS.....	1,173	1,349	1,536	13.86	6,175	7,013	7,885	283	Gadsden, AL.....	696	765	844	10.39	6,757	7,412	8,174	271		
Binghamton, NY-PA.....	2,359	2,577	2,872	11.46	7,742	8,550	9,526	190	Gainesville, FL.....	942	1,073	1,215	13.20	6,449	7,056	7,737	292		
Birmingham, AL.....	6,894	7,555	8,179	8.26	8,152	8,910	9,714	176	Galveston-Texas City, TX.....	1,810	2,055	2,362	14.93	9,292	10,465	11,592	43		
Bismarck, ND.....	700	766	866	13.00	8,968	9,485	10,580	100	Gary-Hammond-East Chicago, IN.....	6,020	6,184	6,632	7.25	9,308	9,636	10,328	117		
Bloomington, IN.....	602	666	751	12.77	6,194	6,762	7,541	296	Glen Falls, NY.....	763	828	922	11.35	6,907	7,540	8,337	263		
Bloomington-Normal, IL.....	1,046	1,086	1,266	16.55	8,848	9,084	10,604	97	Grand Forks, ND-MN.....	723	808	940	16.26	7,134	8,008	9,343	206		
Boise City, ID.....	1,504	1,670	1,867	11.76	8,913	9,582	10,402	112	Grand Rapids, MI.....	5,307	5,694	6,297	10.60	8,956	9,431	10,342	115		
Boston-Lowell-Brockton-Lawrence-Haverhill, MA.....	34,958	39,408	44,027	11.72	9,524	10,752	11,930	39	Great Falls, MT.....	674	716	780	9.00	7,977	8,951	9,779	169		
Bradenton, FL.....	1,176	1,363	1,578	15.74	8,189	9,112	10,052	141	Greeley, CO.....	974	1,082	1,147	6.07	8,100	8,687	9,189	214		
Bremerton, WA.....	1,325	1,502	1,679	11.79	9,414	10,149	10,880	80	Green Bay, WI.....	1,478	1,631	1,787	9.59	8,536	9,263	10,048	143		
Bridgeport-Stamford-Norwalk-Danbury, CT.....	9,950	11,298	12,770	13.03	12,397	13,965	15,697	2	Greensboro-Winston-Salem-High Point, NC.....	6,855	7,582	8,484	11.90	8,377	9,140	10,111	138		
Brownsville-Harlingen-San Benito, TX.....	1,021	1,163	1,341	15.27	4,966	5,512	6,172	303	Greenville-Spartanburg, SC.....	4,146	4,641	5,136	10.68	7,387	8,134	8,921	237		
Bryan-College Station, TX.....	542	649	790	21.75	5,981	6,862	8,013	277	Hagerstown, MD.....	878	934	1,024	9.61	7,734	8,243	9,074	222		
Buffalo, NY.....	10,878	11,725	12,827	9.40	8,609	9,454	10,376	114	Hamilton-Middletown, OH.....	2,115	2,316	2,564	10.69	8,245	8,912	9,678	182		
Burlington, NC.....	734	802	903	12.61	7,414	8,093	9,084	221	Harrisburg, PA.....	3,948	4,383	4,861	10.91	8,937	9,783	10,734	90		
Burlington, VT.....	889	998	1,143	14.55	7,850	8,612	9,704	178	Hartford-New Britain-Bristol, CT.....	10,451	11,869	13,206	11.27	9,970	11,263	12,472	22		
Canton, OH.....	3,443	3,723	4,114	10.51	8,545	9,202	10,168	133	Hickory, NC.....	977	1,058	1,183	11.73	7,635	8,098	9,020	229		
Casper, WY.....	870	1,006	1,137	12.99	12,732	13,882	14,979	4	Honolulu, HI.....	7,184	8,107	8,877	9.50	9,535	10,601	11,553	48		
Cedar Rapids, IA.....	1,687	1,807	1,950	7.95	9,871	10,620	11,484	49	Houston, TX.....	29,375	34,614	40,912	18.20	10,480	11,798	13,303	10		
Champaign-Urbana-Rantoul, IL.....	1,318	1,384	1,579	14.08	7,841	8,232	9,235	211	Huntington-Ashland, WV-KY-OH.....	2,327	2,510	2,712	8.03	7,501	8,056	8,715	247		
Charleston-N.....	2,828	3,186	3,614	13.41	6,652	7,381	8,288	266	Huntsville, AL.....	2,273	2,531	2,828	11.75	7,454	8,188	9,159	216		
Charleston, SC.....	2,395	2,590	2,804	8.27	8,951	9,603	10,412	111	Indianapolis, IN.....	10,820	11,720	12,894	10.02	9,309	10,045	11,052	69		
Charleston, WV.....	2,395	2,590	2,804	8.27	8,951	9,603	10,412	111	Iowa City, IA.....	663	720	806	12.02	8,146	8,775	9,689	181		
Charlotte-Gastonia, NC.....	5,419	6,023	6,7																

Table 1.—Total Personal Income and Per Capita Personal Income by SMSA 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
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
				1980-81				1981					1980-81				1981
Lawton, OK.....	721	787	889	12.93	6,272	7,050	7,857	285	Raleigh-Durham, NC.....	4,437	4,965	5,557	11.92	8,520	9,313	10,277	125
Lewiston-Auburn, ME.....	694	771	833	8.04	6,968	7,722	8,324	264	Reading, PA.....	2,782	3,084	3,426	11.07	8,915	9,843	10,856	82
Lexington-Fayette, KY.....	2,614	2,879	3,254	13.02	8,250	9,040	10,227	129	Redding, CA.....	889	987	1,061	7.49	7,924	8,414	8,765	245
Lima, OH.....	1,852	1,981	2,066	4.28	8,478	9,060	9,417	202	Reno, NV.....	2,143	2,400	2,673	11.36	11,450	12,311	13,255	12
Lincoln, NE.....	1,703	1,844	2,054	11.39	9,030	9,521	10,327	118	Richland-Kennebec-Pasco, WA.....	1,337	1,481	1,744	17.76	9,690	10,138	11,675	42
Little Rock-North Little Rock, AR.....	3,265	3,579	3,939	10.07	8,467	9,030	9,932	155	Richmond, VA.....	5,945	6,690	7,466	11.61	9,496	10,536	11,569	45
Long Branch-Asbury Park, NJ.....	4,930	5,527	6,217	12.49	9,863	10,956	12,199	29	Riverside-San Bernardino-Ontario, CA.....	12,295	14,037	16,084	14.58	8,214	8,923	9,803	166
Longview-Marshall, TX.....	1,190	1,376	1,601	16.38	8,044	8,993	10,206	131	Roanoke, VA.....	1,815	2,028	2,237	10.28	8,032	9,024	9,871	159
Lorain-Elyria, OH.....	2,330	2,499	2,727	9.12	8,537	9,091	9,895	157	Rochester, MN.....	885	992	1,102	11.10	9,652	10,776	11,976	37
Los Angeles-Long Beach, CA.....	75,549	84,715	94,680	11.76	10,208	11,307	12,544	18	Rochester, NY.....	8,947	10,050	11,187	11.31	9,176	10,323	11,420	51
Louisville, KY-IN.....	7,767	8,340	9,181	10.09	8,533	9,222	10,192	132	Rockford, IL.....	2,623	2,786	3,047	9.38	9,473	9,937	10,740	88
Lubbock, TX.....	1,658	1,874	2,072	10.57	7,899	8,838	9,655	185	Rock Hill, SC.....	740	822	939	14.22	7,106	7,651	8,592	255
Lynchburg, VA.....	1,124	1,228	1,356	10.43	7,316	7,993	8,794	242	Sacramento, CA.....	9,134	10,372	11,246	8.42	9,219	10,170	10,741	87
Macon, GA.....	1,813	2,021	2,272	12.39	7,154	7,936	8,816	240	Saginaw, MI.....	2,064	2,179	2,368	8.68	9,101	9,561	10,485	107
Madison, WI.....	3,035	3,357	3,715	10.65	9,544	10,312	11,299	58	St. Cloud, MN.....	1,089	1,197	1,346	12.37	6,752	7,314	8,140	272
Manchester-Nashua, NH.....	2,362	2,683	3,007	12.10	8,584	9,668	10,766	86	St. Joseph, MO.....	767	826	924	11.96	7,502	8,113	9,093	220
Mansfield, OH.....	1,060	1,133	1,262	11.31	8,140	8,634	9,669	183	St. Louis, MO-IL.....	21,955	23,927	26,590	10.79	9,313	10,155	11,181	63
McAllen-Pharr-Edinburg, TX.....	1,202	1,391	1,648	18.48	4,364	4,873	5,606	305	Salem, OR.....	1,928	2,108	2,302	9.23	7,915	8,414	9,006	230
Medford, OR.....	974	1,072	1,155	7.76	7,495	8,081	8,676	249	Salinas-Seaside-Monterey, CA.....	2,962	3,261	3,618	10.94	10,324	11,203	11,981	36
Melbourne-Titusville-Cocoa, FL.....	2,112	2,494	2,879	15.45	8,030	9,061	9,948	153	Salisbury-Concord, NC.....	1,308	1,452	1,620	11.57	7,184	7,813	8,573	256
Memphis, TN-AR-MS.....	7,206	7,977	8,772	9.97	7,971	8,730	9,554	189	Salt Lake City-Ogden, UT.....	6,962	7,818	8,802	12.57	7,655	8,295	9,062	223
Miami, FL.....	14,424	16,642	18,841	13.21	9,103	9,754	11,047	70	San Angelo, TX.....	675	774	921	19.02	8,141	9,070	10,522	104
Midland, TX.....	936	1,162	1,455	25.18	11,865	13,921	16,467	1	San Antonio, TX.....	7,921	9,119	10,423	14.30	7,484	8,485	9,427	201
Milwaukee, WI.....	13,952	15,119	16,347	8.12	10,000	10,783	11,586	44	San Diego, CA.....	16,379	18,582	21,043	13.24	8,962	9,922	10,951	76
Minneapolis-St. Paul, MN-WI.....	21,266	23,822	26,337	10.56	10,199	11,241	12,334	24	San Francisco-Oakland, CA.....	37,491	42,224	47,403	12.27	11,620	12,969	14,416	5
Mobile, AL.....	3,066	3,441	3,872	12.52	6,994	7,757	8,609	254	San Jose, CA.....	13,790	15,932	17,881	12.23	10,847	12,265	13,529	8
Modesto, IL.....	2,215	2,492	2,767	11.07	8,489	9,285	10,055	140	Santa Barbara-Santa Maria-Lompoc, CA.....	2,920	3,281	3,705	12.93	9,883	10,977	12,218	28
Monroe, LA.....	917	1,021	1,147	12.35	6,692	7,305	8,120	274	Santa Cruz, CA.....	1,640	1,861	2,110	13.41	8,911	9,800	11,004	73
Montgomery, AL.....	2,059	2,302	2,505	8.85	7,668	8,405	9,363	205	Santa Rosa, CA.....	2,542	2,879	3,261	13.25	8,708	9,528	10,610	95
Muncie, IN.....	961	1,031	1,131	9.64	7,470	8,043	8,923	236	Sarasota, FL.....	2,008	2,366	2,757	16.52	10,298	11,595	12,709	16
Muskegon-Norton Shores-Muskegon Heights, MI.....	1,367	1,466	1,591	8.58	7,584	8,169	8,885	238	Savannah, GA.....	1,672	1,874	2,120	13.08	7,289	8,113	9,040	227
Nashville-Davidson, TN.....	6,714	7,391	8,324	12.62	8,017	8,671	9,817	164	Seattle-Everett, WA.....	16,691	19,025	21,237	11.63	10,707	11,787	12,841	15
Nassau-Suffolk, NY.....	28,492	31,993	35,757	11.77	10,954	12,249	13,676	7	Sharon, PA.....	993	1,101	1,226	11.43	7,768	8,559	9,609	187
New Bedford-Fall River, MA.....	3,579	3,912	4,314	10.27	7,561	8,219	9,047	226	Sherborn, WI.....	909	975	1,061	8.87	9,024	9,626	10,484	108
New Brunswick-Perth Amboy-Sayreville, NJ.....	5,955	6,664	7,474	12.15	10,016	11,158	12,465	23	Sherman-Denison, TX.....	702	790	891	12.72	8,025	8,739	9,558	188
New Haven-Waterbury-Meriden, CT.....	7,080	7,879	8,707	10.52	9,313	10,326	11,332	55	Shreveport, LA.....	2,895	3,328	3,818	14.75	7,770	8,813	9,978	150
New London-Norwich, CT.....	2,089	2,361	2,682	13.56	8,676	9,127	11,199	62	Sioux City, IA-NE.....	1,019	1,093	1,239	13.38	8,580	9,334	10,494	106
New Orleans, LA.....	10,057	11,661	13,329	14.31	8,591	9,791	10,954	75	Sioux Falls, SD.....	980	1,047	1,171	11.83	9,174	9,521	10,614	92
New York, NY-NJ.....	91,102	101,473	114,007	12.35	9,948	11,118	12,474	21	South Bend, IN.....	2,384	2,511	2,724	8.49	8,494	8,954	9,807	165
Newark, NJ.....	20,521	23,005	25,535	11.00	10,384	11,702	13,001	14	Spokane, WA.....	2,735	3,051	3,397	11.34	8,166	8,915	9,835	162
Newark, OH.....	939	1,019	1,122	10.04	7,831	8,402	9,866	232	Springfield, IL.....	1,757	1,862	2,101	12.82	9,375	9,902	11,156	65
Newburgh-Middleton, NY.....	2,057	2,263	2,512	11.00	7,914	8,682	9,517	191	Springfield, MO.....	1,524	1,697	1,890	11.34	7,416	8,143	8,971	233
Newport News-Hampton, VA.....	2,819	3,196	3,574	11.86	7,679	8,771	9,667	184	Springfield, OH.....	1,420	1,512	1,620	7.10	7,692	8,224	8,807	241
Norfolk-Virginia Beach-Portsmouth, VA-NC.....	6,184	6,993	7,936	13.49	7,696	8,654	9,699	180	Springfield-Chicopee-Holyoke, MA.....	4,672	5,166	5,662	9.60	8,020	8,873	9,704	179
Northeast Pennsylvania, PA.....	4,810	5,262	5,779	9.84	7,478	8,212	9,053	225	State College, PA.....	716	807	888	10.04	6,366	7,133	7,765	289
Ocala, FL.....	751	881	1,023	16.03	6,373	7,137	7,789	288	Staubenville-Weirton, OH-WV.....	1,427	1,512	1,618	7.01	8,833	9,268	9,962	152
Odessa, TX.....	1,001	1,194	1,514	26.75	8,983	10,269	12,268	27	Stockton, CA.....	2,979	3,430	3,800	10.80	8,802	9,825	10,507	105
Oklahoma City, OK.....	7,480	8,762	10,177	16.15	9,172	10,462	11,873	40	Syracuse, NY.....	5,171	5,669	6,282	10.81	8,021	8,817	9,768	170
Olympia, WA.....	1,123	1,264	1,414	11.92	9,425	10,078	11,158	78	Tacoma, WA.....	4,017	4,502	5,027	11.66	8,490	9,243	10,163	135
Omaha, NE-IA.....	5,176	5,673	6,259	10.33	9,029	9,951	11,337	66	Tallahassee, FL.....	1,094	1,259	1,427	13.40	7,167	7,841	8,549	258
Orlando, FL.....	5,319	6,232	7,138	14.53	7,829	8,829	9,760	171	Tampa-St. Petersburg, FL.....	12,024	14,015	16,149	15.23	7,845	8,880	9,965	151
Owensboro, KY.....	697	747	811	12.53	8,150	8,682	9,713	177	Terre Haute, IN.....	1,354	1,459	1,577	8.13	7,764	8,260	9,123	218
Oxnard-Simi Valley-Ventura, CA.....	4,603	5,272	5,895	11.81	8,987	9,863	10,864	81	Texasarkana, TX-Texasarkana, AR.....	890	955	1,082	13.35	7,025	7,484	8,485	260
Panama City, FL.....	634	726	832	14.54	6,499	7,421	8,297	265	Toledo, OH-MI.....	6,952	7,544	8,225	9.02	8,798	9,518	10,458	109
Parkersburg-Marietta, WV-OH.....	1,236	1,361	1,502	10.39	7,668	8,339	9,178	215	Topeka, KS.....	1,663	1,801	1,991	10.55	9,070	9,687	10,597	99
Pascagoula-Moss Point, MS.....	776	818	922	12.66	6,558	6,943	7,755	290	Trenton, NJ.....	2,999	3,349	3,724	11.20	9,675	10,887	12,087	33
Paterson-Clifton-Passaic, NJ.....	4,107	4,571	5,068	10.89	9,129	10,205	11,330	56	Tucson, AZ.....	4,023	4,624	5,322	15.09	7,687	8,675	9,818	163
Pensacola, FL.....	1,962	2,196	2,505	14.08	6,785	7,589	8,441	261	Tulsa, OK.....	6,135	7,184	8,328	15.92	9,189	10,328	11,737	41
Peoria, IL.....	3,631	4,003	4,418	10.37	10,007	10,913	12,001	35	Tuscaloosa, AL.....	881	973	1,082	11.26	6,496	7,057	7,821	287
Petersburg-Colonial Heights-Hopewell, VA.....	968	1,085	1,200	10.67	7,400	8,403	9,191	213	Tyler, TX.....	1,066	1,204	1,401	16.39	8,465	9,305	10,605	96
Philadelphia, PA-NJ.....	43,143	47,833	52,926	10.65	9,138	10,132	11,158	64	Utica-Rome, NY.....	2,365	2,595	2,862	10.29	7,306	8,107	8,961	234
Phoenix, AZ.....	12,731	14,597	16,593	13.67	8,738	9,627	10,610	94	Vallejo-Fairfield-Napa, CA.....	2,841	3,264	3,644	11.64	8,789	9,669	10,612	93
Pine Bluff, AR.....	620	681	731	7.39	6,922	7,451	8,078	276	Victoria, TX.....	567	663	808	21.93	8,490	9,548	11,359	54
Pittsburgh, PA.....	21,008	23,121	25,459	10.12	9,251	10,218	11,304	57	Vineland-Millville-Bridgeton, NJ.....	1,006	1,107	1,219	10.12	7,507	8,		

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			Per- cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per- cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
<b>United States</b> .....	1,943,983	2,154,049	2,406,545	11.72	8,657	9,483	10,495		<b>Juneau</b> .....	271	306	344	12.56	13,618	15,619	17,081	2
<b>Sum of SMSA counties</b> .....	1,553,629	1,731,835	1,932,024	11.56	9,192	10,129	11,188		<b>Kenai-Cook Inlet</b> .....	199	228	260	13.80	9,585	9,955	10,729	18
<b>Sum of non-SMSA counties</b> .....	390,354	422,214	474,521	12.39	7,027	7,516	8,382		<b>Ketchikan</b> .....	188	169	180	6.27	12,422	14,921	15,151	4
<b>Alabama</b> .....	26,458	29,118	32,189	10.55	6,838	7,476	8,217		<b>Kobuk</b> .....	30	35	39	9.70	6,191	7,277	8,111	25
<b>Sum of SMSA counties</b> .....	17,837	19,763	21,743	10.02	7,447	8,183	9,006		<b>Kodiak</b> .....	112	120	128	6.26	11,880	11,952	12,651	9
<b>Sum of non-SMSA counties</b> .....	8,621	9,355	10,446	11.66	5,848	6,321	6,949		<b>Kuskokwim</b> .....	12	15	18	20.77	4,513	5,634	6,819	28
<b>Autauga</b> .....	209	229	231	8.5	6,523	7,069	7,274	25	<b>Matanuska-Susitna</b> .....	164	191	225	17.95	10,114	10,415	12,068	13
<b>Baldwin</b> .....	524	584	676	15.76	6,841	7,399	8,298	10	<b>Nome</b> .....	47	53	59	10.73	7,081	8,104	9,066	23
<b>Barbour</b> .....	143	150	174	16.13	5,849	6,053	7,255	27	<b>Outer Ketchikan</b> .....	15	16	16	2.78	10,976	11,889	12,101	12
<b>Bibb</b> .....	87	95	105	10.57	5,615	6,051	6,373	51	<b>Price of Wales</b> .....	22	31	31	-7.8	8,563	12,687	10,870	17
<b>Blount</b> .....	172	189	206	9.36	4,796	5,143	5,475	66	<b>Seward</b> .....	30	33	36	10.63	10,833	10,630	12,860	8
<b>Bullock</b> .....	72	66	75	12.85	6,645	6,282	7,096	33	<b>Sitka</b> .....	88	94	100	5.81	11,524	12,047	12,435	10
<b>Butler</b> .....	116	133	151	13.55	5,449	6,103	6,653	45	<b>Skagway-Yakutat</b> .....	23	25	26	8.8	8,285	9,136	9,725	21
<b>Calhoun</b> .....	737	837	921	10.03	6,314	7,163	7,614	16	<b>Seaward Fairbanks</b> .....	41	41	48	15.46	7,548	7,335	8,613	24
<b>Chambers</b> .....	237	259	275	5.84	6,080	6,616	6,922	37	<b>Upper Yukon</b> .....	17	18	20	11.30	9,188	9,767	9,755	20
<b>Cherokee</b> .....	102	122	122	16.27	5,458	5,611	6,374	50	<b>Valdez-Chitina-Whittier</b> .....	62	77	85	11.16	9,724	12,747	12,965	7
<b>Chilton</b> .....	170	186	211	13.24	5,581	6,060	6,657	44	<b>Wade Hampton</b> .....	17	20	24	16.18	3,628	4,364	5,114	29
<b>Choctaw</b> .....	102	101	112	10.47	5,443	6,030	6,611	47	<b>Yukon-Koyukuk</b> .....	54	67	73	9.84	8,749	10,621	11,528	14
<b>Clackamas</b> .....	160	177	193	9.19	5,802	6,413	6,837	42	<b>Yukon-Koyukuk Division</b> .....	62	64	69	8.84	11,787	12,211	13,511	6
<b>Clay</b> .....	72	83	96	16.02	5,202	6,042	6,870	40	<b>Arizona</b> .....	21,120	24,057	27,286	13.42	8,004	8,810	9,765	
<b>Cleburne</b> .....	62	69	77	11.14	4,965	5,466	5,811	62	<b>Sum of SMSA counties</b> .....	16,754	19,221	21,914	14.01	8,461	9,379	10,406	
<b>Coffee</b> .....	259	262	299	14.12	6,882	7,773	7,593	17	<b>Sum of non-SMSA counties</b> .....	4,367	4,836	5,372	11.87	6,632	7,098	7,802	
<b>Colbert</b> .....	383	423	466	10.21	7,074	7,733	8,553	7	<b>Apache</b> .....	263	291	360	5.016	5,916	5,293	5,496	
<b>Conecuh</b> .....	84	87	97	10.97	5,274	5,509	6,132	54	<b>Cochise</b> .....	548	596	660	10.69	6,348	6,871	7,596	14
<b>Coosa</b> .....	60	66	72	9.03	5,173	5,233	6,102	55	<b>Coconino</b> .....	469	520	569	9.58	6,399	6,618	7,538	10
<b>Covington</b> .....	222	242	270	11.80	5,973	6,553	7,332	24	<b>Gila</b> .....	279	297	347	16.81	7,644	8,021	9,289	4
<b>Crenshaw</b> .....	69	76	88	14.66	4,866	5,402	6,025	56	<b>Graham</b> .....	107	132	143	8.4	5,049	5,739	6,185	13
<b>Cullman</b> .....	370	404	452	11.85	6,020	6,549	7,120	30	<b>Maricopa</b> .....	12,731	14,597	16,593	13.67	8,738	9,627	10,610	1
<b>Dale</b> .....	258	297	339	13.96	5,564	6,203	6,995	34	<b>Mohave</b> .....	378	419	471	12.27	7,295	7,387	7,905	8
<b>Dallas</b> .....	318	350	404	15.49	5,842	6,498	7,135	29	<b>Navajo</b> .....	398	431	459	6.56	5,921	6,341	6,645	12
<b>De Kalb</b> .....	281	305	351	14.93	5,247	5,686	6,388	49	<b>Pinal</b> .....	4,023	4,624	5,322	15.08	7,687	8,775	9,813	3
<b>Elmore</b> .....	275	312	333	6.75	6,388	7,154	7,648	22	<b>Santa Cruz</b> .....	590	665	758	13.98	6,594	7,321	8,095	7
<b>Escambia</b> .....	236	257	287	11.79	6,212	6,666	7,378	22	<b>Yavapai</b> .....	131	144	161	11.83	6,639	7,091	7,862	9
<b>Etowah</b> .....	696	765	844	10.39	6,757	7,412	8,174	11	<b>Yuma</b> .....	506	577	662	14.63	7,681	8,419	9,143	5
<b>Fayette</b> .....	114	125	134	7.54	6,209	6,575	6,887	38	<b>Arkansas</b> .....	608	679	739	8.82	7,275	7,429	8,572	6
<b>Franklin</b> .....	168	188	211	12.07	5,882	6,638	7,368	23	<b>Sum of SMSA counties</b> .....	15,305	16,313	18,460	13.16	6,745	7,097	8,041	
<b>Geneva</b> .....	156	158	181	14.96	6,581	6,474	7,270	26	<b>Sum of non-SMSA counties</b> .....	8,618	9,081	10,558	14.69	6,212	6,464	7,446	
<b>Greene</b> .....	53	57	65	13.78	4,916	5,191	5,894	59	<b>Arkansas</b> .....	197	191	235	23.35	8,159	7,686	9,805	2
<b>Hale</b> .....	79	80	91	13.53	4,967	5,149	5,694	64	<b>Ashley</b> .....	165	171	202	18.07	6,174	6,447	7,389	28
<b>Henry</b> .....	90	94	115	22.84	6,019	6,109	7,457	19	<b>Baxter</b> .....	100	208	236	13.31	6,644	7,529	8,353	10
<b>Houston</b> .....	532	588	647	10.08	7,121	7,878	8,605	6	<b>Benton</b> .....	553	619	718	16.09	7,223	7,834	8,952	5
<b>Jackson</b> .....	333	356	400	12.12	6,449	6,933	7,698	14	<b>Boone</b> .....	178	191	213	11.88	7,003	7,225	7,943	18
<b>Jefferson</b> .....	5,757	6,310	6,824	8.14	8,570	9,400	10,303	1	<b>Bradley</b> .....	85	88	98	11.40	6,032	6,394	7,221	37
<b>Lamar</b> .....	102	109	124	13.09	6,291	6,629	7,440	20	<b>Bradoun</b> .....	81	33	40	19.30	5,155	5,426	6,200	59
<b>Lauderdale</b> .....	576	638	710	11.23	7,158	7,904	8,646	5	<b>Carroll</b> .....	101	107	122	13.72	6,489	6,541	7,534	25
<b>Lawrence</b> .....	152	169	185	9.94	5,084	5,591	5,941	58	<b>Chicot</b> .....	90	82	105	28.88	5,006	4,578	6,128	66
<b>Lee</b> .....	438	497	548	10.30	5,770	6,489	7,098	32	<b>Clark</b> .....	140	152	166	9.04	5,918	6,490	7,116	43
<b>Limestone</b> .....	274	303	344	13.70	6,097	6,563	7,437	21	<b>Clay</b> .....	130	126	151	19.72	6,128	6,101	7,335	31
<b>Lowndes</b> .....	74	71	79	11.39	5,572	5,409	5,993	57	<b>Cleburne</b> .....	96	106	121	14.51	5,753	6,202	7,066	46
<b>Macon</b> .....	128	141	153	8.36	4,821	5,259	5,693	65	<b>Cleveland</b> .....	41	45	49	8.85	5,289	5,680	6,807	63
<b>Madison</b> .....	1,579	1,758	1,972	12.21	8,100	8,906	10,056	3	<b>Columbia</b> .....	172	188	215	14.46	6,535	7,019	7,973	16
<b>Marengo</b> .....	137	146	164	12.87	5,432	5,832	6,734	43	<b>Conway</b> .....	115	124	137	10.42	5,930	6,350	7,185	38
<b>Marion</b> .....	167	179	201	12.51	5,613	5,941	6,641	46	<b>Craighead</b> .....	435	453	509	12.48	6,867	7,137	8,021	14
<b>Marshall</b> .....	420	471	512	8.75	6,458	7,172	7,711	13	<b>Crawford</b> .....	205	221	251	13.28	5,638	5,953	6,656	54
<b>Mobile</b> .....	2,542	2,857	3,196	11.86	7,027	7,834	8,678	4	<b>Crittenden</b> .....	310	312	362	16.10	6,304	6,317	7,355	30
<b>Monroe</b> .....	141	144	160	11.22	6,246	6,347	6,923	36	<b>Cross</b> .....	140	131	162	23.87	6,710	6,414	8,002	15
<b>Montgomery</b> .....	1,575	1,760	1,941	10.26	8,148	8,900	10,097	2	<b>Dallas</b> .....	62	67	73	9.03	5,874	6,341	7,005	48
<b>Morgan</b> .....	618	677	747	10.41	6,824	7,496	8,323	8	<b>Desha</b> .....	116	114	135	19.15	5,894	5,751	6,853	50
<b>Perry</b> .....	71	66	79	20.03	4,760	4,390	5,249	67	<b>Drew</b> .....	101	102	117	13.95	5,550	5,692	6,443	61
<b>Pickens</b> .....	117	128	136	6.68	5,336	5,973	6,183	53	<b>Faulkner</b> .....	277	304	338	10.94	6,136	6,518	7,267	35
<b>Pike</b> .....	163	175	203	15.81	5,947	6,208	7,106	31	<b>Franklin</b> .....	83	89	100	12.15	5,687	6,029</		

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
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Pope	230	252	291	15.53	6,069	6,402	7,303	32	Clear Creek	52	66	73	11.58	7,450	8,852	9,569	25
Prairie	69	59	30	36.06	6,873	5,811	8,059	13	Conejos	31	33	36	9.61	3,968	4,215	4,782	63
Pulaski	2,948	3,223	3,551	10.01	8,590	9,414	10,368	5	Costilla	18	18	26	43.04	5,579	6,043	6,690	34
Randolph	94	95	108	14.05	5,615	5,603	6,680	52	Crowley	22	24	22	-4.52	7,852	7,869	7,139	52
St. Francis	185	189	223	17.77	5,958	6,128	7,271	34	Custer	11	12	13	7.46	6,808	7,646	8,303	39
Saline	317	351	398	10.67	6,127	6,562	7,171	40	Delta	5,289	5,930	6,713	13.21	10,680	12,082	13,249	2
Scott	50	54	59	8.50	5,215	5,525	6,002	68	Denver	10	12	14	20.38	6,528	7,103	7,909	46
Searcy	36	39	43	9.74	4,073	4,423	4,965	74	Dolores	254	290	349	20.17	11,014	11,272	12,847	5
Sebastian	751	823	928	12.70	7,956	8,623	9,626	3	Douglas	126	148	170	15.06	7,986	8,471	9,346	38
Sevier	83	84	91	8.99	6,008	5,897	6,601	56	Eagle								
Sharp	79	91	103	13.10	5,581	6,151	7,084	45	Elbert	42	47	50	6.23	6,747	6,663	6,727	57
Stone	39	42	46	9.26	4,389	4,650	5,126	73	El Paso	2,385	2,644	3,051	15.38	7,549	8,538	9,905	20
Union	382	415	470	13.09	7,629	8,266	9,469	4	Fremont	189	213	239	12.43	6,610	7,366	8,266	41
Van Buren	61	69	80	15.26	4,639	5,151	5,842	70	Garfield	191	229	303	32.29	8,728	10,055	12,209	9
Washington	640	697	779	11.68	6,507	6,995	7,622	24	Gilpin	12	15	20	29.42	5,428	6,220	6,064	44
White	305	324	374	15.69	6,109	6,318	7,235	36	Grand	58	69	80	15.76	7,388	8,063	9,101	17
Woodruff	79	70	92	30.37	7,073	6,244	8,470	8	Gunnison	5	6	7	12.60	4,387	6,184	6,466	61
Yell	98	104	121	15.66	5,623	6,150	7,025	47	Hinsdale	2	2	3	10.88	5,401	6,200	6,570	58
California	229,272	258,990	289,584	11.81	9,859	10,895	11,968		Huerfano	35	40	44	9.99	4,501	6,200	6,570	58
Sum of SMSA counties	219,863	248,489	278,135	11.93	9,953	11,014	12,120		Jackson	14	16	16	1.43	7,986	8,471	9,346	38
Sum of non-SMSA counties	9,409	10,501	11,449	9.03	8,976	8,666	9,182		Jefferson	3,675	4,160	4,845	16.48	9,945	11,132	12,622	6
Alameda	11,269	12,680	14,256	12.42	10,251	11,478	12,677	8	Kiowa	16	18	14	-18.70	8,532	8,956	8,805	56
Alpine	7	8	9	11.37	6,111	6,888	7,126	58	Kit Carson	67	68	65	-3.27	8,874	8,382	8,493	36
Amador	161	179	193	7.72	8,833	9,157	9,483	32	Lake	70	80	88	10.78	7,949	9,042	9,926	19
Butte	1,083	1,240	1,382	11.45	7,821	8,527	9,342	36	La Plata	182	204	234	14.47	6,671	7,435	8,266	40
Calaveras	140	165	184	11.09	7,094	7,893	8,336	33	Larimer	1,108	1,277	1,441	12.81	7,620	8,478	9,387	27
Colusa	169	181	218	20.40	13,064	14,124	16,728	5	Las Animas	92	103	110	6.75	6,291	6,955	7,250	50
Contra Costa	7,118	8,090	9,103	12.52	11,073	12,236	13,611	5	Lincoln	33	36	38	6.06	7,261	7,674	8,234	42
Del Norte	142	155	168	8.30	7,934	8,484	8,907	43	Logan	168	178	192	7.71	8,727	9,980	9,789	22
El Dorado	669	750	834	11.21	8,298	8,571	9,145	41	Mesa	603	705	851	20.81	7,840	8,512	9,821	21
Fresno	4,520	5,033	5,380	6.89	9,926	9,735	10,243	24	Mineral	7	8	10	25.12	8,992	10,323	11,121	13
Glenn	207	224	252	12.31	9,875	10,408	11,664	13	Moffat	115	128	133	4.04	9,369	9,384	9,458	26
Humboldt	880	970	1,054	8.68	8,168	8,981	9,603	29	Montezuma	104	116	139	19.76	6,390	6,953	7,105	43
Imperial	745	839	855	1.86	8,266	9,070	8,970	42	Montrose	148	165	181	9.44	6,317	6,720	7,049	55
Inyo	147	167	186	11.36	8,292	9,261	10,555	21	Morgan	185	202	215	6.39	8,446	8,902	9,649	33
Kern	3,266	3,691	4,069	10.24	8,306	9,084	9,742	28	Otero	171	175	196	11.62	7,581	7,796	8,832	33
Kings	550	610	661	8.43	7,474	8,276	8,770	46	Ouray	12	15	17	15.06	5,856	7,804	8,547	35
Lake	254	291	336	15.69	7,316	7,871	8,588	50	Park	26	32	38	16.82	5,656	5,870	6,526	60
Lassen	157	177	185	4.53	7,417	8,068	8,266	54	Phillips	52	53	61	16.50	11,762	11,506	13,240	3
Los Angeles	75,549	84,715	94,680	11.76	10,208	11,307	12,544	9	Pitkin	133	146	168	14.73	12,465	14,338	16,524	1
Madera	497	557	586	5.33	8,259	8,684	8,745	48	Prowers	86	95	101	6.11	6,414	7,327	7,820	47
Marin	3,089	3,475	3,920	12.83	13,858	15,604	17,428	2	Pueblo	974	1,046	1,163	11.20	7,736	8,290	9,292	25
Mariposa	86	100	110	10.66	8,083	8,820	9,481	33	Rio Blanco	55	66	80	20.51	9,290	10,409	10,853	15
Mendocino	533	574	627	9.11	8,205	8,546	9,250	38	Rio Grande	79	93	113	21.02	7,513	8,863	10,483	16
Merced	1,131	1,252	1,387	6.76	8,582	9,255	9,585	30	Routt	128	149	164	9.84	9,907	10,964	12,341	8
Modoc	70	81	86	5.94	8,322	9,355	9,526	31	Saguache	20	22	27	22.73	5,139	5,618	6,557	59
Mono	62	72	82	13.79	7,601	8,187	9,199	40	San Juan	4	5	6	19.49	5,105	6,506	7,357	48
Monterey	2,962	3,261	3,618	10.94	10,324	11,203	11,981	11	San Miguel	17	18	19	6.60	5,784	5,675	6,192	62
Napa	931	1,035	1,166	12.59	9,424	10,406	11,778	12	Sedgwick	32	32	35	9.04	9,257	9,922	10,940	14
Nevada	357	408	462	13.19	7,374	7,756	8,189	56	Summit	74	89	107	19.70	8,590	9,976	11,518	11
Orange	20,054	22,923	25,850	12.77	10,599	11,808	13,027	7	Teller	53	60	68	13.40	6,705	7,321	8,389	37
Placer	980	1,114	1,253	12.51	8,689	9,397	10,144	25	Washington	44	48	45	-4.63	9,017	8,888	9,095	30
Plumas	128	138	152	9.71	7,664	7,873	8,568	51	Weld	974	1,082	1,147	6.07	8,100	8,687	9,189	29
Riverside	5,445	6,203	7,138	15.08	8,367	9,246	10,262	23	Yuma	91	83	100	21.73	9,489	8,467	10,465	18
Sacramento	7,152	8,145	8,746	7.39	9,307	10,339	10,849	17	Connecticut	31,786	35,894	40,131	11.81	10,254	11,527	12,806	
San Benito	191	217	236	8.88	7,854	8,604	9,213	39	Sum of SMSA counties	29,571	33,407	37,365	11.85	10,568	11,665	12,973	
San Bernardino	6,850	7,834	8,946	14.19	7,994	8,682	9,465	34	Sum of non-SMSA counties	2,216	2,486	2,766	11.25	8,938	9,948	10,905	
San Diego	16,379	18,582	21,043	13.24	8,962	9,922	10,951	15	Fairfield	9,950	11,298	12,779	13.03	12,397	13,945	15,697	1
San Francisco	8,301	9,371	10,557	12.66	12,282	13,806	15,593	4	Hartford	8,399	9,421	10,455	13.00	10,292	11,642	12,902	2
San Joaquin	2,979	3,430	3,800	10.30	8,302	9,325	10,307	22	Michigan	1,514	1,707	1,891	10.76	9,726	10,845	12,739	3
San Luis Obispo	1,204	1,368	1,526	11.52	7,980	8,739	9,387	35	New Haven	1,217	1,373	1,525	11.08	9,480	10,600	11,590	4
San Mateo	7,714	8,608	9,567	11.13	13,173	14,628	16,206	3	New London	7,080	7,879	8,707	10.52	9,313	10,326	11,332	5
Santa Barbara	2,920	3,281	3,705	12.93	9,883	10,977	12,218	10	Tolland	2,089	2,361	2,682	13.56	8,676	9,917	11,199	6
Santa Clara	13,790	15,932	17,881	12.23	10,847	12,265	13,529	6	Windham	944	1,075	1,196	11.22	8,251	9,345	10,433	7
Santa Cruz	1,640	1,861	2,110	13.41	8,911	9,800	11,004	14	Delaware	702	779	875					

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> 1980-81	Dollars			Rank in State 1981		Millions of dollars			Percent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Duval	4,653	5,238	5,847	11.64	8,292	9,181	9,927	13	Coweta	273	310	352	13.44	7,163	7,859	8,648	16
Escambia	1,615	1,802	2,055	14.01	6,913	7,728	8,555	24	Crawford	29	33	37	9.71	3,918	4,316	4,607	157
Flagler	70	84	97	16.16	6,727	7,537	8,117	28	Crisp	117	120	139	16.14	5,947	6,149	7,107	75
Franklin	32	37	42	14.77	4,278	4,792	5,228	64	Dade	65	69	78	13.58	5,318	5,537	6,135	125
Gadsden	184	206	236	14.56	4,491	4,947	5,595	57	Dawson	31	33	37	12.91	6,523	6,851	6,971	124
Gilchrist	36	37	42	13.32	6,406	6,398	6,904	42	Decatur	159	159	192	21.12	6,328	6,215	7,421	56
Glades	24	26	29	9.67	4,104	4,359	4,940	66	De Kalb	5,019	5,718	6,390	11.76	10,450	11,872	13,128	1
Gulf	69	69	76	11.39	6,524	6,444	6,973	41	Dodge	92	98	115	17.90	5,501	5,775	6,827	91
Hamilton	48	52	58	11.65	5,470	5,949	6,406	50	Dooly	69	67	83	23.61	6,269	6,245	7,911	37
Hardee	129	140	147	5.04	6,687	7,309	7,309	37	Dougherty	692	777	867	11.65	6,959	7,669	8,384	20
Hendry	149	165	185	12.05	8,328	8,790	9,463	15	Douglas	359	405	463	14.30	6,723	7,368	8,121	31
Hernando	251	304	358	17.68	6,177	6,693	7,212	39	Early	74	74	91	23.94	5,673	5,602	6,783	95
Highlands	315	362	409	13.03	6,874	7,544	8,129	27	Echols	11	12	14	12.60	4,569	5,197	6,019	132
Hillsborough	4,780	5,605	6,277	14.01	7,487	8,470	9,398	16	Effingham	109	118	142	20.41	6,046	6,408	7,727	44
Holmes	68	73	80	9.55	4,476	4,960	5,551	58	Elbert	121	135	149	10.47	6,553	7,172	7,727	44
Indian River	530	612	727	18.75	9,160	10,096	11,466	5	Emanuel	111	113	136	20.47	5,336	5,448	6,416	111
Jackson	206	223	251	12.29	5,214	5,731	6,371	51	Evans	50	50	59	17.94	5,789	5,983	7,027	78
Jefferson	55	61	65	7.39	5,255	5,682	6,147	52	Fannin	73	83	88	5.58	4,905	5,658	5,980	133
Lafayette	18	19	22	19.84	4,444	4,600	5,392	60	Fayette	211	250	292	16.77	7,939	8,387	9,339	7
Lake	783	899	1,018	13.16	7,718	8,524	9,176	17	Floyd	586	642	716	9.61	7,365	8,063	8,700	15
Lee	1,634	1,922	2,243	16.66	8,482	9,252	10,000	11	Forsyth	159	181	211	17.06	5,984	6,371	7,227	68
Levy	1,046	1,203	1,367	13.58	7,354	8,049	8,783	22	Franklin	86	93	106	13.68	5,694	6,135	6,978	82
Leon	101	112	123	9.82	5,245	5,595	5,883	54	Fulton	5,945	6,692	7,435	11.12	10,072	11,302	12,357	2
Liberty	18	20	22	11.74	4,221	4,696	5,045	65	Gilmer	66	70	82	17.42	5,984	6,259	7,410	59
Madison	85	91	103	13.74	5,716	6,116	6,692	45	Glascok	66	16	19	17.79	7,406	6,891	7,355	62
Manatee	1,176	1,363	1,578	15.74	8,189	9,112	10,052	10	Glynn	433	489	543	11.06	7,938	8,858	9,644	5
Marion	751	881	1,023	16.03	6,373	7,137	7,789	32	Gordon	193	205	237	15.32	6,408	6,811	7,778	42
Martin	532	649	761	17.24	8,708	10,012	11,224	6	Grady	111	112	131	16.34	5,553	5,660	6,384	112
Monroe	448	512	588	14.77	6,938	8,082	8,859	21	Greene	60	67	72	7.71	5,160	5,908	6,373	114
Nassau	178	202	224	11.33	5,472	6,127	6,456	47	Gwinnett	1,154	1,348	1,569	16.40	7,382	7,939	8,960	11
Ocala	731	822	953	15.84	6,564	7,486	8,636	23	Habersham	144	159	175	10.41	5,779	6,856	6,731	97
Okaloosa	107	126	143	13.23	5,362	6,191	6,655	46	Hall	554	621	704	13.30	7,461	8,178	9,087	9
Okfuskee	3,949	4,578	5,211	13.83	8,542	9,660	10,742	9	Hancock	43	47	53	13.34	4,532	4,984	5,604	146
Osceola	276	331	397	17.07	5,940	6,611	7,333	36	Haralson	120	132	146	10.69	6,681	7,173	7,713	47
Palm Beach	5,829	6,938	8,082	16.50	10,580	11,947	13,337	1	Harris	82	89	97	9.16	5,407	5,701	6,251	120
Pasco	1,075	1,295	1,515	17.04	5,830	6,571	7,445	34	Hart	106	114	128	12.21	5,789	6,143	6,824	92
Pinellas	6,168	7,215	8,357	15.83	8,689	9,865	11,155	7	Hearld	41	45	51	13.94	6,522	6,855	7,791	41
Polk	2,296	2,665	2,977	11.71	7,341	8,235	8,878	20	Henry	237	274	309	13.93	6,877	7,425	8,244	28
Putnam	263	299	354	18.38	5,328	5,893	6,755	44	Houston	529	588	665	13.15	7,042	7,548	8,488	19
St. Johns	345	401	454	13.29	7,085	7,731	8,328	25	Irwin	58	43	38	34.44	5,758	4,813	6,712	100
St. Lucie	578	708	827	16.84	7,045	8,012	9,059	18	Jackson	149	164	182	10.55	5,902	6,467	7,135	74
Santa Rosa	347	394	450	14.39	6,244	7,012	7,958	31	Jasper	50	53	59	11.71	6,073	7,022	6,839	90
Sarasota	2,008	2,366	2,757	16.52	10,298	11,595	12,709	2	Jeff Davis	74	78	93	18.11	6,514	6,847	8,097	32
Seminole	1,094	1,324	1,540	16.33	6,410	7,275	7,959	30	Jefferson	102	106	124	17.17	5,607	5,719	6,530	105
Sumter	128	145	164	12.93	5,480	5,940	6,438	49	Jenkins	46	46	55	18.79	5,146	5,204	6,452	109
Suwannee	117	127	146	14.57	5,228	5,717	6,451	48	Johnson	44	47	52	11.65	5,310	5,401	6,101	126
Taylor	97	110	129	17.35	5,780	6,686	7,348	35	Jones	66	88	101	14.78	4,910	5,272	5,702	145
Union	40	43	51	17.52	3,828	4,318	4,831	67	Lamar	78	72	76	5.90	5,438	5,863	6,228	122
Volusia	1,822	2,124	2,448	15.24	7,277	8,139	9,057	19	Lanier	28	28	34	20.66	4,942	4,998	5,927	135
Wakulla	48	55	60	9.35	4,617	5,015	5,332	62	Laurens	235	245	280	14.19	6,276	6,630	7,500	54
Walton	97	110	129	17.28	4,742	5,127	5,734	55	Lee	54	50	67	33.08	4,717	4,274	5,554	148
Washington	72	79	90	13.25	4,974	5,461	5,905	53	Liberty	239	268	282	5.27	6,826	7,033	7,289	66
Georgia	39,732	44,087	49,803	12.96	7,370	8,042	8,935	.....	Lincoln	35	39	42	7.66	5,008	5,562	6,077	129
Sum of SMSA counties	26,346	29,731	33,390	12.31	8,168	9,035	9,949	.....	Long	23	25	29	13.99	5,327	5,547	5,595	147
Sum of non-SMSA counties	13,386	14,356	16,412	14.33	6,181	6,551	7,402	.....	Lowndes	420	453	511	12.80	6,224	6,657	7,439	55
Appling	87	91	113	24.05	5,737	5,862	7,345	63	Lumpkin	63	67	68	18.69	4,965	5,302	6,150	124
Atkinson	31	30	39	30.23	5,094	4,923	6,307	117	McDuffie	112	123	141	14.46	6,168	6,586	7,549	53
Bacon	54	53	62	16.32	5,817	5,656	6,727	98	McIntosh	36	41	45	10.76	4,553	5,100	6,084	131
Baker	22	17	25	50.45	5,749	4,413	6,723	99	Macon	73	84	85	.70	5,278	5,986	6,626	103
Baldwin	210	234	273	16.63	6,087	6,722	7,673	49	Madison	97	104	118	13.38	6,203	5,820	6,350	116
Banks	42	45	47	5.86	4,989	5,121	5,336	152	Marion	29	28	33	17.79	5,370	5,248	4,853	156
Barrow	137	155	175	12.78	6,585	7,231	7,830	39	Mirrether	112	122	138	13.80	5,321	5,717	6,456	108
Bartow	271	298	337	13.32	6,766	7,276	8,284	26	Miller	42	34	48	42.79	6,113	4,797	6,984	81
Ben Hill	96	100	117	16.33	6,176	6,235	7,154	72	Mitchell	120	117	145	23.99	5,768	5,501	6,363	88
Berrien	81	81	94	15.20	5,957	6,034	6,781	96	Monroe	89	102	117	14.51	6,216	6,953	7,704	48
Bibb	1,156	1,304	1,459	11.88	7,652	8,644	9,642	6	Montgomery	74	84	99	13.86	5,260	5,504	6,217	123
Bleckley	64	64	73	14.09	5,863	5,988	6,821	93	Morgan	114	84	99	17.10	6,584	7,250	8,342	23
Brantley	38	40	44	10.77	4,379	4,463	5,004	154	Murray	79	126	141	12.06	6,198	6,355	7,027	77
Brooks	81	76	97	28.11	5,391	4,915	6,375	113	Muscogee	1,187	1,298	1,438	10.79	6,985	7,634	8,312	25
Bryan	47	54	57	5.81	4,795	5,195	5,516	150	Newton	224	258	292	13.01	6,566	7,476	8,321	24
Bulloch	216	224	267	19.37	6,093	6,224	7,153	73	Oconee	67	72	82	14.38	5,634	5,720	5,804	142
Burke	103	107	140	30.28	5,369	5,562	7,095	76	Oglethorpe	45	46	53	13.63	4,982	5,177	5,900	138
Butts	74	83	92	9.84	5,421	6,093	6,570	104	Paulding	147	164	189	15.43	5,852	6,246	6,843	89
Calhoun	38	36	48	35.43	6,406	6,269	8,535	17	Peach								

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
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
				1980-81				1981					1980-81				1981
Talbot	28	31	34	10.62	4,188	4,735	5,380	153	Boone	259	266	292	9.53	8,860	9,290	10,137	43
Taliaferro	12	13	14	6.66	5,677	6,644	7,186	70	Brown	41	37	47	25.77	7,470	6,836	8,636	77
Tattall	92	95	114	19.64	5,013	5,264	6,089	127	Bureau	347	324	403	24.35	9,016	8,252	10,224	37
Taylor	46	48	56	15.68	5,661	6,143	7,002	80	Calhoun	42	43	47	10.09	7,167	7,211	8,025	89
Telfair	73	75	88	17.68	6,151	6,541	7,919	36	Carroll	143	140	175	25.04	7,484	7,454	9,397	60
Terrell	64	62	77	25.27	5,314	5,132	6,433	110	Cass	129	130	153	17.26	8,878	8,610	10,141	42
Thomas	248	263	305	15.69	6,456	6,913	7,993	34	Champaign	1,318	1,384	1,579	14.08	7,841	8,232	9,235	65
Tift	209	217	248	14.51	6,419	6,590	7,358	61	Christian	326	325	379	16.62	8,946	8,926	10,332	30
Toombs	124	133	155	16.50	5,496	5,903	6,893	86	Clark	136	137	160	17.23	8,197	8,061	9,574	55
Towns	26	29	33	14.91	4,776	5,116	5,529	149	Clay	106	103	129	25.32	6,862	6,702	8,344	81
Treutlen	28	30	35	13.78	4,577	5,005	5,742	144	Clinton	246	258	286	11.05	7,659	7,857	8,654	76
Troup	336	374	420	12.20	6,827	7,453	8,257	27	Coles	393	389	447	14.83	7,440	7,317	8,427	78
Turner	61	58	74	27.85	6,533	6,057	7,886	38	Cook	55,172	59,670	65,443	9.68	10,435	11,368	12,570	3
Twiggs	38	42	47	12.54	3,972	4,482	4,553	159	Crawford	183	187	222	18.72	8,704	8,962	10,506	25
Union	35	40	48	18.01	3,981	4,255	4,954	155	Cumberland	72	67	81	20.93	6,595	6,040	7,388	94
Upson	157	170	191	12.12	6,062	6,541	7,167	71	De Kalb	591	621	710	14.40	7,986	8,281	9,420	58
Walker	376	395	426	7.69	6,657	6,998	7,625	51	De Witt	156	144	173	19.72	8,624	7,559	9,496	57
Walton	193	214	237	10.74	6,201	6,836	7,421	57	Douglas	183	171	204	19.26	9,265	8,626	10,239	34
Ware	244	266	297	11.40	6,487	7,177	7,959	35	Du Page	7,553	8,187	9,101	11.17	11,866	12,323	13,488	1
Warren	36	39	44	13.86	5,544	5,872	6,660	101	Edgar	196	177	215	21.60	8,999	8,121	9,806	49
Washington	115	126	141	12.04	6,125	6,660	7,402	60	Edwards	69	72	89	23.43	8,787	9,020	11,116	15
Wayne	125	138	165	19.55	6,113	6,628	7,803	40	Effingham	248	243	276	13.48	8,136	7,806	8,711	75
Webster	14	11	15	36.80	6,070	4,692	8,353	22	Fayette	145	137	162	18.30	6,583	6,180	7,280	95
Wheeler	25	24	29	21.12	4,938	4,649	5,376	151	Ford	162	138	171	24.06	10,626	9,023	10,950	17
White	50	55	63	13.06	5,083	5,440	6,081	128	Franklin	333	361	382	5.94	7,796	8,327	8,744	73
Whitfield	491	533	585	9.73	7,463	8,095	8,727	13	Fulton	361	370	423	14.34	8,293	8,471	9,718	52
Wilcox	43	38	48	25.39	5,617	4,987	5,973	134	Gallatin	54	54	63	17.34	6,897	7,100	8,010	96
Wilkes	67	74	85	14.93	6,255	6,736	7,620	52	Greene	112	95	118	24.75	6,669	5,691	7,048	96
Wilkinson	62	70	79	13.48	5,979	6,711	7,667	50	Grundy	305	300	346	15.52	10,000	9,771	11,198	13
Worth	98	94	118	25.59	5,478	5,182	6,495	106	Hamilton	61	62	75	20.62	6,526	6,807	7,996	81
Hawaii	8,719	9,861	10,818	9.70	9,177	10,182	11,032	.....	Hancock	194	179	221	23.41	8,141	7,466	9,288	62
Sum of SMSA counties	7,184	8,107	8,877	9.50	9,535	10,601	11,553	.....	Hardin	26	27	34	22.80	4,680	5,074	6,265	98
Sum of non-SMSA counties	1,535	1,755	1,942	10.67	7,808	8,611	9,146	.....	Henderson	73	66	86	29.71	8,091	7,202	9,407	59
Hawaii	673	771	851	10.23	7,559	8,312	8,728	4	Henry	521	515	577	11.99	8,964	8,858	9,901	47
Honolulu	7,184	8,107	8,877	9.50	9,535	10,601	11,553	1	Inyo	313	272	342	25.60	9,375	8,289	10,212	38
Kauai	294	335	372	10.98	7,723	8,522	9,132	3	Jackson	417	450	495	9.94	6,813	7,293	7,880	93
Maui and Kalawao	568	648	719	10.97	8,173	9,048	9,702	2	Jasper	92	80	100	24.29	8,111	7,087	8,816	71
Idaho	6,867	7,674	8,573	11.72	7,363	8,102	8,937	.....	Jefferson	278	288	335	16.25	7,744	7,883	9,039	69
Sum of SMSA counties	1,504	1,670	1,867	11.76	8,913	9,582	10,402	.....	Jersey	150	149	171	14.44	7,347	7,229	8,234	82
Sum of non-SMSA counties	5,363	6,004	6,707	11.71	7,020	7,768	8,600	.....	Jo Daviess	156	161	191	18.54	6,628	6,838	8,072	86
Ada	1,504	1,670	1,867	11.76	8,913	9,582	10,402	5	Johnson	49	50	58	14.57	4,906	5,216	5,915	101
Adams	26	25	28	9.94	7,645	7,551	8,372	19	Kane	2,796	2,997	3,279	9.40	10,092	10,740	11,360	10
Bannock	495	542	598	10.29	7,634	8,268	8,970	16	Kankakee	875	933	1,009	8.11	8,394	9,057	9,743	51
Bear Lake	45	54	61	11.52	6,580	7,816	8,399	23	Kendall	341	367	410	11.77	9,390	9,577	10,778	21
Benewah	58	63	76	20.09	7,406	7,582	9,145	13	Knox	527	534	603	12.86	8,532	8,667	9,797	50
Bingham	211	243	270	11.18	5,799	6,642	7,320	37	Lake	4,911	5,388	5,948	10.82	11,144	12,148	13,102	2
Blaine	86	94	112	18.54	8,704	9,441	11,041	3	La Salle	1,012	1,021	1,149	12.50	9,300	9,352	10,241	32
Boise	19	21	22	3.84	6,668	6,957	7,985	42	Lawrence	145	149	177	18.70	8,146	8,382	9,832	48
Bonner	150	166	188	13.20	6,390	6,808	7,544	34	Lee	321	323	388	20.35	8,783	8,893	10,667	22
Bonneville	499	559	619	10.67	7,606	8,470	9,264	10	Livingston	395	386	465	20.46	9,510	9,334	11,381	9
Boundary	46	48	53	11.10	6,481	6,517	7,292	38	Logan	288	272	330	21.63	9,098	8,561	10,316	31
Butte	22	25	28	10.13	6,605	7,544	8,293	25	McDonough	255	255	307	20.38	6,857	6,873	8,068	87
Camas	7	9	9	7.91	9,470	10,210	11,618	2	McHenry	1,411	1,525	1,725	13.16	9,826	10,213	11,437	8
Canyon	573	625	699	11.85	6,807	7,461	8,339	24	McLean	1,046	1,086	1,266	16.55	8,848	9,084	10,604	23
Caribou	62	73	80	9.20	7,158	8,432	9,066	14	Macon	1,177	1,251	1,399	11.80	8,891	9,522	10,554	24
Cassia	149	174	200	15.09	7,652	8,958	10,285	6	Macoupin	413	414	471	13.84	8,516	8,354	9,566	56
Clearwater	71	77	79	2.84	6,997	7,376	7,656	31	Madison	2,229	2,355	2,590	9.99	8,863	9,510	10,368	29
Custer	20	24	32	31.27	6,272	7,182	8,448	22	Marion	348	356	402	12.95	7,905	8,150	9,101	66
Elmore	141	157	178	13.30	6,321	7,322	8,137	28	Marshall	117	119	148	24.16	8,449	8,173	10,231	36
Franklin	52	61	68	11.83	5,852	6,793	7,292	39	Mason	163	155	178	14.96	8,361	7,950	9,111	67
Fremont Co & Yellowstone	60	68	78	15.84	5,404	6,280	7,174	40	Massac	100	101	106	5.15	6,559	6,719	6,915	97
Gem	76	81	89	9.89	6,477	6,711	7,465	36	Menard	108	106	126	19.40	9,628	9,004	10,962	18
Gooding	74	87	100	14.94	6,306	7,310	8,165	26	Mercer	145	139	180	29.14	7,408	7,194	9,154	66
Idaho	98	108	111	3.59	6,892	7,245	7,605	33	Monroe	183	200	219	9.72	9,224	9,899	10,803	20
Jefferson	83	98	110	12.64	5,424	6,357	7,053	41	Montgomery	287	296	324	9.15	9,018	9,365	10,077	

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			Per- cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per- cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981			1981	1979	1980		1981	1979	1980	
Whiteside.....	598	594	680	14.40	9,028	8,977	10,191	40	Wabash.....	293	299	325	8.91	8,098	8,144	9,025	46
Will.....	2,899	3,096	3,384	9.29	9,071	9,483	10,240	33	Warren.....	71	70	72	2.66	7,822	7,782	7,938	73
Williamson.....	395	431	463	8.65	6,959	7,585	8,107	85	Warrick.....	332	359	388	7.96	8,075	8,625	9,353	25
Winnebago.....	2,364	2,520	2,756	9.36	9,545	10,011	10,808	19	Washington.....	126	131	140	7.41	5,828	5,937	6,416	90
Woodford.....	296	305	350	14.78	9,290	9,081	10,387	27	Wayne.....	594	627	692	10.39	7,775	8,264	9,212	37
Indiana.....	46,141	48,757	53,185	9.08	8,428	8,983	9,727	.....	Wells.....	290	234	259	10.57	8,996	9,251	9,957	16
Sum of SMSA counties.....	33,564	35,606	38,837	9.07	8,780	9,296	10,170	.....	White.....	218	227	245	7.81	9,343	9,485	10,273	9
Sum of non-SMSA counties.....	12,577	13,151	14,348	9.10	7,613	7,929	8,700	.....	Whitley.....	217	221	240	8.57	8,409	8,409	9,152	41
Adams.....	2,696	2,799	3,046	9.25	8,415	8,287	9,995	47	Iowa.....	25,704	27,038	30,373	12.33	8,812	9,283	10,478	.....
Allen.....	582	601	651	8.38	9,163	9,513	10,403	6	Sum of SMSA counties.....	10,956	11,906	13,063	9.71	9,413	10,180	11,194	.....
Bartholomew.....	106	109	113	8.27	9,229	9,212	10,211	10	Sum of non-SMSA counties.....	14,748	15,132	17,310	14.40	8,414	8,681	9,995	.....
Benton.....	117	117	127	3.90	10,185	10,742	11,050	4	Adair.....	75	70	84	18.94	7,874	7,404	9,174	76
Blackford.....	327	349	381	9.10	9,147	9,555	10,342	68	Adams.....	45	41	48	18.31	7,693	7,141	8,782	83
Boone.....	721	77	85	10.77	5,893	6,140	7,013	82	Allamakee.....	102	102	114	11.39	6,658	6,817	7,570	98
Brown.....	166	167	181	8.25	8,425	8,490	9,238	34	Appanoose.....	105	112	126	13.08	6,749	7,201	8,493	90
Carroll.....	353	365	400	9.50	8,643	8,909	9,517	22	Audubon.....	71	67	79	18.69	8,046	7,874	9,424	70
Cass.....	671	722	808	11.11	7,569	8,136	8,957	48	Benton.....	197	198	223	12.66	8,311	8,556	9,497	66
Clark.....	195	205	216	5.61	7,906	8,287	8,815	53	Black Hawk.....	1,283	1,407	1,545	9.86	9,420	10,177	11,113	16
Clay.....	274	285	314	9.99	8,784	9,059	10,098	14	Boone.....	237	245	279	13.49	8,994	9,382	10,752	24
Clinton.....	52	55	61	10.64	5,384	5,620	6,215	92	Bremser.....	207	219	248	12.97	8,518	8,800	9,974	51
Crawford.....	187	196	227	16.03	6,874	7,006	8,274	63	Buchanan.....	180	180	211	16.98	7,759	7,883	9,346	73
Daviess.....	258	258	280	8.28	7,073	7,498	8,120	70	Buena Vista.....	189	197	225	14.25	9,177	9,501	10,720	25
Dearborn.....	190	198	219	10.48	7,924	8,335	9,239	30	Butler.....	143	143	168	17.27	8,033	8,102	9,628	59
De Kalb.....	275	272	298	9.50	8,291	8,102	9,154	40	Calhoun.....	130	134	158	18.04	9,656	9,914	12,041	3
Delaware.....	961	1,031	1,131	9.64	7,470	8,043	8,923	49	Carroll.....	201	206	240	16.33	8,790	9,003	10,489	33
Dubois.....	271	286	317	11.08	8,024	8,324	9,248	32	Cass.....	148	151	176	16.29	8,610	8,957	10,528	31
Elkhart.....	1,217	1,233	1,336	8.37	8,901	8,971	9,787	20	Cedar.....	158	154	184	19.37	8,410	8,284	9,991	43
Fayette.....	215	226	249	10.21	7,717	7,990	8,805	54	Cerro Gordo.....	432	462	523	13.16	9,816	9,548	10,769	28
Floyd.....	474	514	576	12.19	7,830	8,370	9,299	28	Cherokee.....	142	143	163	13.79	8,629	8,849	10,253	42
Fountain.....	145	154	168	9.19	7,413	8,115	8,635	58	Chickasaw.....	123	121	139	14.58	7,933	7,849	9,178	75
Franklin.....	114	120	131	9.96	5,932	6,065	6,685	88	Clarke.....	61	65	73	12.68	7,185	7,479	8,446	89
Fulton.....	146	150	165	9.60	7,551	7,776	8,347	62	Clay.....	181	187	207	10.76	9,201	9,543	10,680	27
Gibson.....	274	295	331	12.09	8,272	8,901	9,858	18	Clayton.....	161	157	181	14.84	7,466	7,489	8,700	84
Grant.....	654	672	736	9.47	8,057	8,335	9,338	27	Clinton.....	498	527	581	10.32	8,542	9,250	10,305	36
Greene.....	192	208	229	10.01	6,318	6,846	7,494	79	Crawford.....	158	163	188	15.23	8,195	8,620	9,912	53
Hamilton.....	796	853	930	8.97	9,870	10,277	11,371	2	Dallas.....	249	261	297	13.45	8,583	8,828	10,131	45
Hancock.....	391	418	451	7.93	9,066	9,478	10,141	12	Davis.....	63	65	74	14.81	6,833	7,099	8,149	94
Harrison.....	177	188	207	10.19	6,593	6,858	7,560	77	Decatur.....	54	60	67	10.43	5,550	6,159	6,960	99
Hendricks.....	604	649	706	8.88	8,879	9,244	10,023	15	Delaware.....	142	129	157	21.88	7,605	6,815	8,409	91
Henry.....	420	449	459	2.13	7,831	8,442	8,838	52	Des Moines.....	406	435	478	9.82	8,590	9,418	10,353	35
Howard.....	829	883	942	6.64	9,498	10,181	11,068	3	Dickinson.....	137	143	164	14.64	8,694	9,133	10,545	30
Huntington.....	304	308	332	7.82	8,490	8,676	9,365	24	Dubuque.....	829	885	945	6.74	8,877	9,441	10,163	43
Hunterdon.....	289	297	325	9.50	8,023	8,108	8,905	50	Emmet.....	117	124	140	12.96	8,667	9,367	10,605	28
Jasper.....	199	213	240	12.43	7,821	8,108	9,158	39	Fayette.....	193	191	224	17.13	7,660	7,502	8,880	82
Jay.....	178	180	193	7.01	7,530	7,787	8,363	61	Floyd.....	163	159	181	14.31	8,284	8,111	9,433	68
Jefferson.....	201	225	250	11.14	6,625	7,365	8,108	71	Franklin.....	113	108	130	20.97	8,660	8,243	10,291	37
Jennings.....	131	137	150	10.16	5,748	5,970	6,707	87	Fremont.....	82	80	96	19.70	8,433	8,551	10,260	39
Johnson.....	621	668	743	11.23	8,250	8,605	9,611	21	Greene.....	129	131	152	15.98	10,554	10,799	12,700	1
Knox.....	319	344	383	11.26	7,675	8,208	9,164	38	Grundy.....	135	139	164	17.77	9,385	9,690	11,535	8
Kosciusko.....	461	490	551	12.38	7,866	8,201	9,260	31	Guthrie.....	92	93	108	16.49	7,709	7,736	9,052	80
Lagrange.....	156	157	175	11.83	6,107	6,124	6,965	83	Hamilton.....	170	173	203	17.66	9,467	9,682	11,516	9
Lake.....	4,923	5,037	5,390	7.00	9,279	9,670	10,359	7	Hancock.....	127	120	142	18.62	9,246	8,664	10,563	29
La Porte.....	918	990	1,071	8.19	8,410	9,124	9,804	19	Hardin.....	198	208	239	15.05	9,002	9,524	10,906	19
Lawrence.....	312	334	365	9.41	7,372	7,856	8,603	59	Harrison.....	132	133	154	15.55	7,910	8,170	9,398	69
Madison.....	1,138	1,195	1,275	6.75	8,175	8,587	9,293	29	Henry.....	153	155	177	14.02	8,073	8,290	9,425	71
Marion.....	7,349	8,005	8,835	10.38	9,564	10,490	11,573	4	Howard.....	84	82	98	19.83	7,526	7,409	9,093	79
Marshall.....	316	321	348	8.37	8,202	8,195	9,037	45	Humboldt.....	119	121	141	17.09	9,640	9,882	11,648	6
Martin.....	70	75	85	13.52	6,245	6,853	7,561	76	Ida.....	78	77	89	16.01	8,639	8,607	9,992	48
Miami.....	286	294	322	9.53	7,111	7,413	8,240	64	Iowa.....	133	135	154	14.64	8,485	8,747	9,978	50
Monroe.....	602	666	751	12.77	6,194	6,762	7,541	78	Jackson.....	160	166	189	14.05	7,149	7,346	8,387	93
Montgomery.....	292	306	326	6.58	8,207	8,634	9,219	36	Jasper.....	313	332	371	11.69	8,518	9,131	10,255	41
Morgan.....	409	436	476	9.18	7,995	8,357	9,094	43	Jefferson.....	131	134	150	12.40	8,038	8,185	9,163	77
Newton.....	104	111	114	3.29	7,258	7,413	7,688	75	Johnson.....	663	720	806	12.02	8,146	8,775	9,689	58
Noble.....	269	275	303	10.17	7,608	7,737	8,662	57	Jones.....	151	148	170	14.93	7,437	7,248	8,473	88
Ohio.....	29	32	35	9.80	5,589	6,207	6,573	89	Keokuk.....	113	107	127	18.94	8,588	8,221	9,570	62
Orange.....	108	115	127	10.34	5,909	6,130	6,772	85	Kossuth.....	199	191	226	18.54	9,089	8,787	10,280	38
Owen.....	86	89	99	11.20	5,369	5,622	6,219	91	Lee.....	361	381	423	11.02	8,394	8,852	9,791	55
Parke.....	108	116	125	7.09	6,666	7,108	7,768	74	Linn.....	1,657	1,807	1,950	7.95	9,871	10,620	11,484	10
Perry.....	121	125	136	8.43	6,222	6,477	7,134	81	Louisa.....	87	91	110	21.04	7,229	7,573	9,147	78
Pike.....	115	119	132	11.43	8,593	8,797	10,141	13	Lucas.....	80	86	97	13.25	7,690	8,391	9,555	64
Porter.....	1,096	1,147	1,242	8.32	9,443	9,490	10,196	11	Lyon.....	112	109	126	16.51	8,740	8,435		

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			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981		Millions of dollars			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Scott	1,499	1,645	1,816	10.40	9,391	10,269	11,382	11	Ottawa	53	54	52	-4.30	8,602	9,148	8,751	79
Shelby	128	128	150	17.18	8,663	8,472	10,075	46	Pawnee	74	73	77	5.12	8,803	9,177	9,841	42
Sioux	225	227	260	14.73	7,358	7,337	8,612	86	Phillips	63	68	73	7.53	8,116	9,231	10,004	37
Story	577	613	685	11.81	8,078	8,454	9,518	65	Pottawatomie	109	108	124	15.03	7,493	7,269	8,381	87
Tama	167	170	198	16.92	8,400	8,720	10,260	40	Pratt	111	116	122	5.17	10,891	11,223	11,720	12
Taylor	57	55	66	20.23	6,857	6,622	7,979	95	Rawlins	32	33	36	8.71	8,149	7,922	8,825	77
Union	108	115	129	12.45	7,648	8,315	9,301	74	Reno	559	602	662	9.88	8,715	9,249	10,173	34
Van Buren	60	59	68	14.39	7,004	6,836	7,881	97	Republic	61	57	64	11.58	7,948	7,627	8,886	74
Wapello	333	368	388	5.57	8,180	9,144	9,750	56	Rice	107	114	117	2.66	8,883	9,602	9,807	43
Warren	288	307	337	9.79	8,414	8,753	9,619	61	Riley	416	459	517	12.51	6,630	7,218	8,077	94
Washington	180	179	210	17.56	8,862	8,879	10,511	32	Rooks	59	65	68	5.11	8,429	9,222	9,558	52
Wayne	61	60	71	17.06	7,469	7,367	8,556	87	Rush	45	48	49	1.65	9,603	10,623	11,513	13
Webster	427	453	502	10.91	9,301	9,867	10,951	18	Russell	92	101	111	9.45	10,462	11,375	12,222	8
Winnebago	123	111	134	21.49	9,094	8,576	10,807	22	Saline	442	496	539	8.57	9,010	10,158	10,693	21
Winneshiek	148	151	173	14.31	6,651	6,902	7,887	96	Scott	76	68	66	-3.03	13,094	11,860	11,286	15
Woodbury	896	962	1,080	12.26	8,756	9,582	10,711	26	Sedgwick	3,625	4,105	4,579	11.55	9,959	11,164	12,334	7
Worth	78	73	87	18.28	8,380	8,098	9,563	63	Seward	188	206	228	10.33	10,854	12,092	13,418	5
Wright	164	163	192	17.85	10,002	9,988	11,958	5	Shawnee	1,431	1,565	1,720	9.85	9,335	10,087	10,995	18
Kansas	21,782	23,412	25,790	10.16	9,279	9,889	10,824		Sheridan	40	31	31	-5.22	11,132	8,838	8,623	82
Sum of SMSA counties	11,096	12,247	13,601	11.05	10,137	11,027	12,125		Sherman	68	70	77	10.26	8,606	9,091	10,487	24
Sum of non-SMSA counties	10,686	11,165	12,189	9.18	8,530	8,884	9,667		Smith	49	44	49	10.99	8,138	7,483	8,368	88
Allen	125	130	146	12.24	7,926	8,292	9,300	60	Stafford	57	55	57	2.60	10,121	9,990	10,481	25
Anderson	71	71	82	16.27	8,111	8,045	9,704	47	Stanton	30	22	23	8.42	12,362	9,309	9,531	53
Atchison	144	142	153	7.48	7,798	7,707	8,312	91	Stevens	62	50	54	7.77	13,572	10,481	11,150	16
Barber	63	63	74	8.20	9,642	10,440	11,019	17	Summer	192	224	236	5.58	7,828	8,947	9,468	55
Barton	295	334	381	14.04	9,406	10,654	11,865	10	Thomas	79	78	89	14.80	9,437	9,174	10,353	28
Bourbon	132	140	153	9.10	8,454	8,732	9,437	54	Trego	34	35	39	10.05	8,206	8,388	9,130	65
Brown	100	87	102	16.98	8,419	7,274	8,411	86	Wabaunsee	54	53	59	11.07	8,064	7,687	8,536	83
Butler	406	453	512	13.02	9,378	10,006	10,924	19	Wallace	25	19	22	10.78	12,066	9,497	10,196	33
Chase	26	26	27	3.01	7,822	7,855	8,033	97	Washington	62	59	67	13.93	7,078	6,891	7,980	99
Chautauqua	33	36	39	8.57	6,450	7,173	7,588	105	Wichita	61	55	41	-25.88	18,796	18,460	13,976	2
Cherokee	149	152	169	11.28	6,727	6,810	7,590	104	Wilson	86	85	97	14.18	7,162	7,027	8,048	96
Cheyenne	30	29	31	9.17	7,921	7,859	8,673	80	Woodson	36	39	43	9.11	7,807	8,466	9,032	69
Clark	33	34	31	-8.68	12,744	13,119	11,767	11	Wyandotte	1,500	1,620	1,768	9.09	8,667	9,416	10,325	29
Clay	73	70	80	13.79	7,396	7,193	8,328	90	Kentucky	25,941	27,710	30,824	11.24	7,119	7,567	8,416	
Cloud	112	116	120	3.41	8,971	9,257	9,727	45	Sum of SMSA counties	13,633	14,670	16,187	10.34	8,371	9,014	9,987	
Coffey	75	77	85	10.61	8,353	8,114	9,258	62	Sum of non-SMSA counties	12,308	13,040	14,637	12.25	6,108	6,409	7,170	
Comanche	26	28	28	-8.3	10,423	10,875	11,890	14	Adair	69	76	88	16.08	4,535	4,977	5,745	95
Cowley	293	326	360	10.44	8,286	8,793	9,682	48	Allen	83	88	101	14.99	6,042	6,197	7,187	60
Crawford	284	307	336	9.43	7,490	8,101	8,874	75	Anderson	87	96	111	15.84	7,295	7,543	8,467	25
Decatur	45	46	48	3.61	9,971	10,242	10,581	23	Ballard	62	58	70	20.58	7,106	6,620	8,234	30
DeKalb	155	171	178	4.11	7,437	8,520	9,087	63	Barren	213	227	258	13.74	6,284	6,663	7,586	46
Doniphan	72	60	75	24.91	7,935	6,463	8,065	95	Bath	51	57	64	12.77	5,150	5,663	6,334	81
Douglas	476	510	565	10.83	7,141	7,511	8,284	92	Bell	204	222	248	11.86	5,971	6,476	7,274	56
Edwards	41	38	42	10.70	9,324	8,954	9,675	49	Boone	355	381	408	7.26	7,925	8,249	8,722	18
Elk	29	29	30	3.99	6,995	7,459	7,723	102	Bourbon	169	199	233	17.04	8,934	10,259	12,056	6
Ellis	196	219	249	13.56	7,651	8,357	9,244	63	Boyd	499	523	564	7.78	8,964	9,432	10,248	1
Ellsworth	60	63	65	2.45	8,997	9,567	9,980	40	Boyle	175	192	216	12.15	7,057	7,682	8,736	17
Finney	283	285	338	18.41	12,158	11,927	13,851	3	Bracken	42	44	51	15.02	5,393	5,761	6,846	68
Ford	265	281	307	9.22	11,034	11,537	12,036	9	Breathitt	72	88	98	11.14	4,192	5,203	5,796	92
Franklin	182	191	212	10.99	8,285	8,730	9,705	46	Breathitt	94	96	111	15.79	5,620	5,699	6,603	77
Geary	241	264	294	11.31	7,861	8,914	9,856	41	Bullitt	254	275	302	9.83	5,953	6,312	6,837	69
Gove	38	31	32	2.30	10,301	8,442	8,837	76	Butler	59	58	67	16.46	5,244	5,215	6,172	84
Graham	37	36	36	6.7	9,145	9,083	9,028	70	Caldwell	98	101	115	13.32	7,264	7,526	8,520	21
Graham	71	66	68	3.24	10,387	9,475	10,045	36	Calloway	191	197	219	11.03	6,418	6,552	7,295	55
Gray	60	48	51	7.28	11,755	9,245	10,834	20	Campbell	697	744	790	6.21	8,297	8,958	9,743	9
Greene	31	30	23	-24.40	16,328	16,513	12,811	6	Carlisle	37	35	41	19.71	6,679	6,333	7,489	51
Greenwood	75	78	90	15.06	8,553	8,959	10,115	35	Carroll	64	67	80	19.21	6,708	7,279	8,391	26
Hamilton	26	26	21	-18.60	10,040	10,268	8,502	84	Carter	111	118	134	13.52	4,521	4,692	5,330	103
Harper	72	77	70	-8.65	9,358	9,817	9,109	66	Casey	59	63	73	15.94	3,944	4,253	4,839	114
Harvey	257	276	293	6.04	8,440	9,005	9,584	51	Christian	445	451	506	12.25	6,594	6,771	7,648	44
Haskell	64	43	39	-10.05	15,967	11,420	10,374	26	Clark	218	226	253	12.19	7,663	7,980	8,977	16
Hodgeman	28	30	21	-29.81	12,259	13,085	9,225	64	Clay	107	116	135	16.63	4,764	5,092	6,050	90
Jackson	86	87	95	9.32	7,461	7,479	7,943	100	Clinton	34	36	43	17.85	3,649	3,887	4,448	120
Jefferson	115	114	135	18.37	7,697	7,439	8,344	89	Crittenden	65	66	73	10.92	6,990	7,153	7,876	39
Jewell	42	39	41	5.12	7,373	7,482	7,759	101	Cumberland	34	35	41	17.01	4,625			

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			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981		Millions of dollars			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Jefferson.....	6,192	6,632	7,276	9.70	8,946	9,724	10,760	3	Jackson.....	102	114	129	12.30	5,933	6,591	7,285	36
Jessamine.....	157	178	200	12.58	5,855	6,647	7,404	53	Jefferson.....	3,956	4,576	5,258	14.90	8,849	10,017	11,213	3
Johnson.....	148	160	174	8.51	6,160	6,553	7,040	66	Jefferson Davis.....	193	215	252	17.67	6,091	6,647	7,681	30
Kenton.....	1,107	1,199	1,295	8.04	8,202	8,733	9,420	13	Lafayette.....	1,358	1,657	2,057	24.11	9,292	10,972	13,284	1
Knott.....	89	93	111	18.64	5,038	5,199	6,051	89	Lafourche.....	580	689	806	17.00	7,175	8,308	9,413	15
Knox.....	138	149	163	9.57	4,570	4,925	5,298	104	La Salle.....	85	94	108	14.73	5,194	5,497	6,126	52
Larue.....	71	73	85	16.24	6,088	6,070	7,160	62	Lincoln.....	240	279	315	12.68	6,127	7,004	7,771	28
Laurel.....	204	222	251	12.75	5,395	5,669	6,289	82	Livingston.....	360	435	499	14.75	6,455	7,300	8,027	26
Lawrence.....	75	81	87	8.18	5,428	5,709	6,145	86	Madison.....	64	67	77	15.21	4,269	4,525	4,679	64
Lee.....	32	34	39	13.44	3,997	4,440	5,151	107	Morehouse.....	205	228	249	9.39	5,918	6,526	6,987	41
Lislie.....	67	70	77	11.32	4,497	4,677	5,260	105	Natchitoches.....	202	226	257	14.03	5,085	5,651	6,383	48
Letcher.....	176	183	190	3.93	5,710	5,971	6,170	85	Orleans.....	4,821	5,552	6,291	13.32	8,658	9,964	11,155	4
Lewis.....	63	68	78	15.36	4,372	4,652	5,212	106	Ouachita.....	917	1,021	1,147	12.35	6,692	7,305	8,120	24
Lincoln.....	94	101	115	13.51	4,919	5,317	6,055	88	Plaquemines.....	204	241	280	16.25	7,863	9,258	10,531	9
Livingston.....	67	66	70	6.92	7,119	7,137	7,677	43	Pointe Coupee.....	148	162	186	14.85	6,165	6,719	7,601	32
Logan.....	167	161	197	22.35	6,996	6,679	8,262	29	Rapides.....	804	926	1,048	13.14	6,022	6,824	7,877	31
Lyon.....	40	41	46	12.89	6,292	6,285	6,805	70	Red River.....	60	64	72	13.10	5,790	6,068	6,681	44
McCracken.....	511	538	587	9.24	8,345	8,785	9,479	12	Richland.....	129	145	155	6.61	5,795	6,556	6,911	43
McCreary.....	56	63	72	14.07	3,624	4,016	4,540	118	Sabine.....	101	111	126	13.78	4,021	4,351	4,892	63
McLean.....	72	67	81	20.94	7,012	6,704	7,943	37	St. Bernard.....	522	610	687	12.71	8,296	9,473	10,338	11
Madison.....	305	331	363	9.57	5,853	6,184	6,639	75	St. Charles.....	285	334	389	16.39	7,754	8,936	10,189	12
Magoffin.....	58	66	78	18.48	4,368	4,885	5,670	97	St. Helena.....	49	52	54	4.16	4,958	5,242	5,560	59
Marion.....	86	91	103	12.83	4,734	5,106	5,730	96	St. James.....	161	188	206	9.20	7,558	8,730	9,443	14
Marshall.....	173	180	204	13.22	6,931	6,984	8,029	33	St. John the Baptist.....	213	254	285	12.22	6,846	7,880	8,523	21
Martin.....	89	96	105	9.27	6,472	6,885	7,362	54	St. Landry.....	450	533	621	16.53	5,394	6,323	7,204	38
Mason.....	124	129	142	10.48	6,902	7,280	7,965	36	St. Martin.....	215	251	303	20.93	5,502	6,185	7,259	37
Meade.....	106	112	124	11.17	4,817	4,853	5,330	102	St. Mary.....	590	608	703	15.77	8,250	9,421	10,735	7
Menifee.....	19	20	24	19.35	3,763	3,853	4,504	119	St. Tammany.....	758	923	1,092	18.39	7,296	8,202	9,306	16
Mercer.....	126	135	151	12.15	6,705	7,092	7,967	35	Tangipahoa.....	442	514	583	13.36	5,541	6,341	7,037	39
Metcalfe.....	38	41	48	16.57	4,239	4,327	5,002	110	Tensas.....	48	47	52	10.57	5,709	5,502	6,126	53
Monroe.....	59	63	71	12.83	4,652	5,110	5,746	93	Terrebonne.....	751	888	1,023	15.29	8,064	9,358	10,513	10
Montgomery.....	120	130	151	16.19	6,151	6,444	7,496	48	Union.....	118	128	144	12.43	5,734	6,010	6,668	45
Morgan.....	51	55	61	11.75	4,244	4,500	4,965	112	Vermilion.....	343	390	460	17.98	7,190	8,018	9,189	17
Muhlenberg.....	252	262	274	4.37	7,849	8,148	8,487	24	Vernon.....	269	299	332	11.13	5,226	5,555	6,044	54
Nelson.....	173	187	209	11.43	6,413	6,776	7,505	47	Washington.....	261	300	328	9.42	5,992	6,759	7,321	35
Nicholas.....	40	45	48	7.32	5,500	6,349	6,700	73	Webster.....	273	318	360	13.23	6,280	7,280	8,149	23
Ohio.....	151	154	162	5.64	6,798	7,083	7,611	45	West Baton Rouge.....	129	151	172	14.29	6,842	7,877	8,914	18
Oldham.....	177	197	225	14.18	6,728	6,879	7,788	41	West Carroll.....	56	62	68	9.93	4,323	4,806	5,224	61
Owen.....	45	52	59	13.88	5,075	5,776	6,553	79	West Feliciana.....	53	61	73	19.77	4,631	4,924	5,339	57
Owsley.....	20	22	26	21.43	3,457	3,827	4,694	116	Winn.....	90	96	110	13.90	5,235	5,565	6,171	51
Pendleton.....	65	72	78	9.26	6,010	6,529	7,170	61	Sum of SMSA counties.....	7,787	8,647	9,663	11.75	6,922	7,677	8,530	.....
Perry.....	207	213	247	15.79	6,101	6,326	7,491	50	Sum of non-SMSA counties.....	4,567	5,100	5,658	10.93	7,367	8,197	9,026	.....
Pike.....	532	585	624	6.81	6,625	7,196	7,699	42	Androscooggin.....	3,219	3,547	4,005	12.91	6,375	7,034	7,914	.....
Powell.....	51	55	63	14.68	4,693	4,934	5,643	98	Aroostook.....	694	771	833	8.04	6,968	7,722	8,324	6
Pulaski.....	268	282	322	14.17	5,784	6,141	7,069	64	Cumberland.....	534	567	711	25.45	5,745	6,231	7,816	10
Robertson.....	10	11	13	16.73	4,577	5,024	5,745	94	Franklin.....	1,783	1,988	2,219	11.65	8,301	9,195	10,230	1
Rockcastle.....	57	61	70	13.23	4,034	4,404	4,948	113	Hancock.....	163	183	199	8.62	6,101	6,753	7,150	14
Rowan.....	94	103	111	7.48	4,802	5,440	5,542	99	Kennebec.....	280	309	343	11.06	6,644	7,386	8,156	9
Russell.....	61	64	75	16.31	4,533	4,694	5,367	101	Knox.....	795	877	966	10.16	7,307	7,964	8,722	3
Scott.....	151	166	187	12.63	7,008	7,580	8,512	23	Lincoln.....	234	254	280	10.35	7,042	7,713	8,417	5
Shelby.....	162	177	201	13.16	7,087	7,579	8,519	22	Oxford.....	186	209	239	14.35	7,164	8,102	9,230	2
Simpson.....	114	116	134	15.42	7,636	7,911	9,213	15	Penobscot.....	306	345	367	6.62	6,331	7,010	7,521	11
Spencer.....	98	40	47	19.03	6,206	6,747	7,817	40	Sagadahoc.....	934	1,028	1,137	10.58	6,812	7,503	8,219	8
Taylor.....	125	135	153	13.25	5,965	6,364	7,221	59	Sagadahoc.....	105	117	131	11.86	5,932	6,608	7,376	13
Todd.....	74	69	83	20.82	6,013	5,815	7,121	63	Sagadahoc.....	192	217	236	8.81	6,663	7,510	8,237	7
Trigg.....	64	65	76	16.44	6,716	6,961	8,172	31	Somerset.....	259	289	338	17.16	5,721	6,404	7,389	12
Trimble.....	32	33	39	18.56	5,109	5,281	6,183	83	Waldo.....	162	177	191	7.91	5,663	6,213	6,716	16
Union.....	136	141	163	16.28	7,567	7,876	9,366	14	Washington.....	196	220	239	8.27	5,547	6,300	6,949	15
Warren.....	485	518	601	16.01	6,848	7,188	8,141	32	York.....	964	1,096	1,232	12.42	6,905	7,816	8,629	4
Washington.....	58	63	72	13.81	5,435	5,881	6,774	71	Maryland.....	39,359	43,930	48,822	11.13	9,319	10,397	11,452	.....
Wayne.....	72	78	88	12.62	4,281	4,598	5,131	109	Sum of SMSA counties.....	35,982	40,205	44,569	10.86	9,578	10,719	11,790	.....
Webster.....	128	130	143	9.86	8,642	8,808	9,685	11	Sum of non-SMSA counties.....	3,377	3,726	4,253	14.14	7,233	7,851	8,806	.....
Whitley.....	201	214	228	6.55	6,057	6,414	6,863	67	Allegheny.....	551	610	663	8.80	6,798	7,559	8,230	19
Wolfe.....	27	30	33	11.86	3,966	4,426	4,970	111	Anne Arundel.....	3,376	3,775	4,202	11.32	9,150	10,141	11,092	6
Woodford.....	159	176	205	16.52	8,828	9,893	11,465	2									

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			Per cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
				1980-81				1981					1980-81				1981
Dukes	72	81	92	13.22	7,842	9,057	10,124	7	Shiawassee	598	629	676	7.49	8,373	8,835	9,574	21
Essex	5,855	6,619	7,400	11.79	9,248	10,429	11,554	4	Tuscola	441	477	510	6.99	7,897	8,354	9,007	31
Franklin	475	523	579	10.59	7,351	8,119	9,122	12	Van Buren	469	513	565	10.15	7,114	7,657	8,462	43
Hampden	3,705	4,098	4,473	9.15	8,344	9,251	10,078	8	Washtenaw	2,549	2,792	3,031	8.56	9,698	10,532	11,462	3
Hampshire	967	1,068	1,189	11.36	6,980	7,670	8,514	14	Wayne	23,560	24,935	26,252	5.28	10,012	10,712	11,486	2
Middlesex	13,924	15,747	17,726	12.57	10,157	11,517	12,936	2	Wexford	163	179	198	10.71	6,553	7,087	7,768	56
Nantucket	49	57	66	14.98	9,318	11,330	12,767	3	Minnesota	35,935	39,590	44,060	11.29	8,899	9,697	10,762	
Norfolk	6,500	7,324	8,209	12.08	10,679	12,079	13,437	1	Sum of SMSA counties	25,353	28,307	31,322	10.65	9,749	10,322	11,805	
Plymouth	3,268	3,661	4,011	9.55	8,076	8,993	9,778	10	Sum of non-SMSA counties	10,582	11,284	12,738	12.89	7,361	7,805	8,840	
Suffolk	5,412	6,057	6,682	10.31	8,286	9,321	10,145	6	Aitkin	71	77	87	12.95	5,440	5,713	6,516	82
Worcester	5,210	5,769	6,329	9.72	8,026	8,919	9,740	11	Anoka	1,828	2,025	2,205	8.87	9,536	10,276	10,765	15
Michigan	85,982	91,653	99,017	8.03	9,297	9,903	10,758		Becker	163	180	203	13.16	5,559	6,118	6,739	81
Sum of SMSA counties	74,758	79,427	85,599	7.77	9,770	10,374	11,250		Beltrami	156	174	197	12.94	5,159	5,607	6,063	86
Sum of non-SMSA counties	11,224	12,226	13,418	9.75	7,028	7,648	8,411		Benton	172	187	214	14.02	6,943	7,411	8,202	60
Alcona	55	61	69	13.29	5,719	6,236	7,025	74	Big Stone	54	57	67	18.20	7,034	7,417	8,686	52
Alger	53	57	63	10.59	5,598	6,174	6,934	76	Blue Earth	423	450	501	11.49	8,176	8,591	9,676	29
Allegan	566	606	672	10.86	6,996	7,407	8,205	50	Brown	236	249	281	12.94	8,203	8,700	9,966	25
Alpena	238	257	274	6.99	7,354	7,940	8,450	44	Carlton	199	214	235	9.85	6,522	7,141	7,710	73
Antrim	111	123	134	8.95	6,773	7,620	8,232	48	Carver	283	316	356	12.63	7,676	8,513	9,546	32
Arenac	90	97	107	10.16	6,187	6,547	7,226	69	Cass	120	132	147	11.32	5,792	6,226	6,953	79
Baraga	55	59	64	8.25	6,304	7,000	7,568	62	Chippewa	110	113	130	14.78	7,277	7,613	8,857	48
Barry	317	343	367	7.06	6,991	7,458	7,913	54	Clay	347	395	433	9.50	7,068	8,013	8,752	50
Bay	999	1,076	1,190	10.60	8,259	9,007	10,048	14	Clearwater	39	42	48	14.28	4,526	4,827	5,421	87
Benzie	73	78	87	11.82	6,536	6,940	7,740	57	Cook	29	30	34	11.74	7,117	7,306	7,871	67
Berrien	1,379	1,458	1,594	9.33	7,942	8,536	9,501	23	Cottonwood	132	134	153	13.77	8,702	9,079	10,503	19
Branch	321	328	355	8.14	7,826	8,178	8,844	34	Crow Wing	267	292	327	12.19	6,545	6,967	7,834	69
Calhoun	1,273	1,353	1,466	8.38	8,946	9,587	10,497	10	Dakota	1,874	2,080	2,303	10.71	9,832	10,656	11,586	9
Cass	391	419	449	7.25	7,387	8,449	9,174	27	Dodge	113	116	132	13.22	7,773	7,831	9,009	45
Charlevoix	144	156	170	8.94	7,288	7,810	8,636	39	Douglas	179	195	220	12.83	6,527	6,985	7,890	66
Cheboygan	134	148	159	7.36	6,618	7,143	7,717	58	Faribault	155	162	177	16.26	7,952	7,752	9,288	37
Chippewa	169	186	212	13.60	5,608	6,494	7,562	63	Fillmore	167	176	202	14.30	7,562	8,050	9,082	40
Clare	143	153	170	11.26	6,131	6,380	6,998	75	Freeborn	315	328	370	12.62	8,586	9,070	10,267	22
Clinton	452	511	554	8.43	8,033	9,142	9,850	15	Goodhue	306	337	375	11.25	7,934	8,695	9,799	27
Crawford	51	58	65	12.11	5,390	6,071	6,798	78	Grant	46	51	63	24.25	6,608	7,070	8,731	51
Delta	262	289	322	11.63	6,880	7,424	8,357	46	Hennepin	10,434	11,797	13,033	10.48	11,198	12,523	13,801	1
Dickinson	216	232	247	6.48	8,392	9,175	9,763	16	Houston	132	142	158	11.38	6,845	7,191	8,431	57
Eaton	720	774	854	10.27	8,182	8,793	9,638	20	Hubbard	71	78	88	12.43	5,232	5,519	6,112	85
Emmet	174	193	211	9.27	7,597	8,399	9,099	30	Isanti	146	162	176	8.54	6,357	6,833	7,258	77
Genesee	4,352	4,559	5,059	10.97	9,647	10,132	11,296	5	Itasca	280	302	333	10.22	6,659	6,998	7,658	74
Gladwin	116	129	140	8.69	5,815	6,423	7,037	73	Jackson	126	125	144	15.73	9,024	9,145	10,671	16
Gogebic	127	142	157	10.04	6,280	7,283	8,022	52	Kanabec	75	81	90	11.84	6,326	6,604	7,318	76
Grand Traverse	458	513	569	10.92	8,554	9,265	10,160	13	Kandiyohi	263	280	314	12.31	7,307	7,575	8,452	56
Gratiot	314	350	369	5.50	7,786	8,660	9,147	22	Kittson	55	78	86	10.56	7,966	11,700	13,074	2
Hillsdale	306	313	351	12.38	7,405	7,426	8,479	42	Koochiching	113	123	135	10.52	6,437	6,983	7,782	70
Houghton	218	247	275	11.15	5,728	6,542	7,301	68	Lac Qui Parle	93	95	110	15.55	8,668	8,977	10,540	18
Huron	279	314	338	7.76	7,587	8,624	9,356	26	Lake	99	98	102	3.69	7,695	7,532	8,203	59
Ingham	2,532	2,709	3,038	12.13	9,397	9,940	11,062	6	Lake of the Woods	23	25	29	16.24	5,823	6,737	7,743	71
Ionia	342	374	407	8.89	6,638	7,210	7,837	55	Le Sueur	188	200	216	8.12	8,058	8,536	9,320	35
Iosco	188	203	225	10.65	6,499	7,186	7,968	53	Lincoln	54	56	65	17.37	6,629	6,806	8,109	63
Iron	95	105	119	12.81	6,765	7,748	8,601	40	Lyon	201	212	244	15.15	8,008	8,401	9,587	31
Isabella	319	354	410	15.84	5,831	6,541	7,687	59	McLeod	262	278	314	12.89	8,960	9,379	10,629	17
Jackson	1,265	1,396	1,459	9.24	8,332	8,830	9,758	17	Mahnomen	38	42	49	17.39	8,801	7,625	8,815	49
Kalamazoo	1,927	2,108	2,321	10.09	9,163	9,917	10,852	7	Marshall	103	139	152	9.73	7,836	10,727	12,136	4
Kalkaska	64	70	83	18.61	5,960	6,239	7,369	67	Martin	234	246	288	16.97	9,494	9,970	11,609	8
Kent	3,974	4,293	4,755	10.77	9,069	9,691	10,586	9	Meeker	155	163	182	11.60	7,483	7,933	8,949	46
Keweenaw	12	13	15	14.25	6,043	6,840	7,657	60	Mille Lacs	124	135	152	11.97	6,744	7,336	8,106	64
Lake	39	45	50	11.88	4,964	5,773	6,529	80	Morrison	157	169	188	11.44	5,434	5,755	6,469	83
Lapeer	544	572	626	9.46	7,582	8,123	8,892	32	Mower	340	357	399	11.80	8,236	8,908	10,144	24
Leelanau	101	111	125	11.79	7,111	7,931	8,660	36	Murray	109	111	128	15.68	9,436	9,658	11,644	7
Lenawee	742	788	845	7.27	8,188	8,771	9,525	22	Nicollet	205	216	242	12.29	7,679	8,006	9,045	43
Livingston	815	887	968	9.13	8,435	8,742	9,464	25	Nobles	194	205	232	13.06	8,813	9,428	10,841	14
Luce	51	57	62	7.73	7,344	8,696	9,698	18	Norman	77	90	108	19.26	8,226	8,666	11,800	6
Mackinac	68	75	86	15.04	6,654	7,404	8,507	41	Ohmsted	895	992	1,102	11.10	9,652	10,776	11,976	5
Macomb	7,308	7,613	7,994	5.00	10,596	10,944	11,430	4	Otter Tail	316	345	400	16.15	6,616	7,730	7,730	72
Manistee	158	173	190														

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
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
				1980-81				1981					1980-81				1981
Wilkin	56	62	77	24.06	6,872	7,399	9,186	39	Sum of non-SMSA counties	11,037	11,317	12,853	13.57	6,532	6,619	7,498	.....
Witona	338	360	398	10.71	7,289	7,788	8,600	54	Adair	163	171	192	12.64	6,656	6,849	7,588	58
Wright	382	427	483	13.18	6,757	7,172	8,179	61	Andrew	99	93	110	17.50	7,161	6,671	7,599	57
Yellow Medicine	109	108	128	18.01	8,038	7,951	9,393	34	Atchison	92	64	105	62.81	10,413	7,593	11,920	2
Mississippi	15,358	16,807	18,752	11.57	6,124	6,663	7,409	.....	Audrain	227	225	254	12.58	8,830	8,492	9,600	13
Sum of SMSA counties	4,920	5,460	6,111	11.91	7,263	7,961	8,857	.....	Barry	145	161	181	12.31	5,989	6,573	7,368	63
Sum of non-SMSA counties	10,438	11,347	12,641	11.41	5,702	6,178	6,866	.....	Barton	76	76	84	10.00	7,468	6,716	7,447	62
Adams	266	296	334	13.16	7,058	7,774	8,488	4	Bates	117	119	129	8.99	7,448	7,473	8,305	37
Alcorn	205	225	251	11.20	6,322	6,792	7,664	12	Benton	67	69	77	11.50	6,013	5,587	7,056	74
Amite	66	71	79	11.86	5,035	5,293	5,755	68	Bollinger	43	43	47	10.22	4,191	4,118	4,574	113
Attala	97	103	112	8.81	4,900	5,207	5,666	71	Boone	732	812	894	10.09	7,491	8,049	8,750	26
Benton	37	39	43	10.87	4,561	4,747	5,475	74	Buchanan	668	732	815	11.26	7,555	8,343	9,340	14
Bolivar	235	252	272	7.98	5,086	5,490	6,007	60	Butler	208	228	252	10.62	5,501	6,045	6,356	92
Calhoun	81	84	92	9.36	5,239	5,390	5,791	65	Caldwell	60	56	67	20.13	6,832	6,437	7,911	47
Carroll	38	37	44	16.91	3,779	3,835	4,298	81	Callaway	237	254	283	11.57	7,535	7,814	8,865	22
Chickasaw	105	107	120	12.87	5,844	5,987	6,797	31	Camden	119	132	153	15.83	6,086	6,581	7,645	54
Choctaw	44	47	52	11.55	4,881	5,242	5,711	70	Cape Girardeau	498	465	520	11.93	7,621	7,858	8,712	28
Claiborne	69	66	79	18.74	5,602	5,440	6,377	44	Carroll	113	98	119	20.99	9,344	8,067	9,950	10
Clarke	96	106	118	11.17	5,688	6,275	6,989	24	Carter	21	23	25	10.60	3,721	4,163	4,416	114
Clay	128	137	151	10.64	6,082	6,490	7,051	22	Cass	384	417	468	12.21	7,734	8,141	9,181	18
Coahoma	204	223	247	10.57	5,498	6,074	6,847	30	Cedar	60	65	73	13.62	5,199	5,380	6,113	97
Copiah	139	152	167	9.28	5,298	5,752	6,425	40	Chariton	105	90	109	20.66	9,674	8,621	10,427	5
Covington	87	94	105	10.94	5,610	5,904	6,471	39	Christian	130	143	163	13.83	5,880	6,357	7,188	72
De Soto	343	373	414	11.02	6,463	6,879	7,675	11	Clark	63	48	66	35.84	7,667	5,667	7,823	51
Forrest	438	491	544	10.96	6,718	7,425	8,264	7	Clayton	1,235	1,324	1,484	12.11	9,039	9,696	10,760	3
Franklin	41	44	49	10.90	5,093	5,372	5,975	61	Clinton	113	109	126	15.96	7,231	6,798	8,006	45
George	79	84	90	7.66	5,231	5,465	5,785	66	Cole	461	516	577	11.92	8,455	9,044	9,918	11
Greene	40	43	45	4.64	4,128	4,356	4,649	80	Cooper	120	121	132	8.50	8,301	8,258	8,925	20
Grenada	127	135	149	10.77	6,035	6,411	7,166	21	Crawford	98	108	123	13.38	5,520	5,869	6,816	84
Hancock	119	138	156	12.85	5,034	5,569	6,070	55	Dade	44	46	50	8.88	5,966	6,247	6,871	82
Harrison	989	1,145	1,305	14.02	6,308	7,254	8,206	8	Dallas	55	63	73	15.93	4,620	5,187	6,078	100
Hinds	2,203	2,448	2,696	10.13	8,847	9,734	10,721	1	Daviess	64	54	65	20.39	7,200	6,055	7,291	65
Holmes	100	104	116	11.91	4,289	4,532	5,104	77	De Kalb	57	50	58	15.99	6,789	6,112	6,973	80
Humphreys	71	74	81	9.28	5,056	5,309	5,757	67	Dent	71	80	89	10.80	4,865	5,486	6,080	99
Issaquena	15	9	11	23.08	5,985	3,583	4,271	82	Douglas	45	50	56	12.92	4,029	4,245	4,802	111
Itawamba	109	119	134	12.78	5,435	5,758	6,509	37	Dunklin	197	216	234	8.48	5,323	5,977	6,435	90
Jackson	776	818	922	12.66	6,558	6,943	7,755	10	Franklin	522	568	625	12.08	7,335	7,798	8,788	24
Jasper	94	105	121	14.60	5,397	6,108	6,960	26	Gasonade	84	91	103	13.17	6,441	6,876	7,738	53
Jefferson	52	52	60	16.04	5,640	5,665	6,602	35	Geny	62	57	69	22.24	7,749	7,186	8,849	23
Jefferson Davis	64	70	77	9.92	4,663	5,076	5,616	72	Greene	1,394	1,554	1,726	11.11	7,600	8,360	9,187	17
Jones	406	458	519	13.45	6,556	7,393	8,307	5	Grundy	95	89	100	11.53	7,760	7,481	8,477	34
Kemper	44	47	52	11.05	4,265	4,595	5,040	78	Harrison	73	62	77	24.42	7,320	6,297	7,859	50
Lafayette	157	174	192	10.17	5,047	5,608	6,159	51	Henry	152	153	167	9.35	7,765	7,757	8,546	32
Lamar	115	128	145	13.64	4,954	5,306	6,057	56	Hickory	28	31	35	13.52	4,586	4,823	5,567	103
Lauderdale	523	581	641	10.25	6,798	7,515	8,367	6	Holt	67	49	69	41.85	9,563	7,071	10,116	9
Lawrence	60	67	74	10.65	4,863	5,298	5,867	63	Howard	72	71	80	11.75	7,304	7,105	8,059	42
Leake	98	105	121	14.70	5,188	5,591	6,387	43	Howell	148	165	181	10.04	5,153	5,711	6,133	96
Lee	412	450	493	9.74	7,372	7,857	8,621	3	Iron	69	77	80	3.89	6,110	6,964	7,082	75
Leflore	247	265	296	11.62	5,959	6,388	6,971	25	Jackson	5,721	6,180	6,605	6.87	9,055	9,830	10,514	4
Lincoln	173	187	205	9.70	5,800	6,187	6,739	33	Jasper	615	670	745	11.11	7,050	7,690	8,480	33
Lowndes	363	407	449	10.48	6,272	7,105	7,831	9	Jefferson	959	1,049	1,169	11.49	6,647	7,090	8,009	44
Madison	207	223	255	14.07	5,049	5,340	5,954	62	Johnson	240	243	274	12.90	6,207	6,201	7,129	73
Marion	133	152	169	11.57	5,148	5,893	6,336	46	Knox	49	35	48	34.77	8,783	6,456	8,885	21
Marshall	122	130	143	10.03	4,200	4,441	4,860	79	Laclede	136	154	172	11.99	5,609	6,311	7,006	76
Monroe	212	231	263	13.73	5,782	6,345	7,228	20	Lafayette	248	246	277	12.68	8,490	8,195	9,284	15
Montgomery	64	68	75	10.32	4,863	5,081	5,486	73	Lawrence	169	183	200	9.54	5,863	6,286	6,991	77
Neshoba	130	141	157	11.46	5,467	5,921	6,502	38	Lewis	78	72	91	26.55	7,276	6,615	8,211	41
Newton	116	126	142	12.97	5,803	6,335	7,345	17	Lincoln	159	156	182	16.67	7,426	6,963	8,334	36
Noxubee	65	61	69	13.95	4,825	4,626	5,256	76	Linn	118	115	131	14.59	7,406	7,391	8,367	35
Oktibbeha	196	220	248	12.64	5,536	6,111	6,861	29	Livingston	143	139	159	14.87	8,970	8,845	10,188	8
Panola	147	155	171	10.41	5,272	5,480	6,008	59	McDonald	68	72	81	12.81	4,500	4,856	5,553	104
Pearl River	188	210	237	13.22	5,649	6,174	6,919	28	Macon	118	109	124	14.01	7,351	6,645	7,236	68
Perry	53	55	60	8.26	5,306	5,603	6,288	47	Madison	51	57	65	13.95	4,705	5,293	5,990	101
Pike	196	216	239	10.87	5,441	5,961	6,577	36	Maries	38	39	41	5.15	4,852	5,140	5,304	108
Pontotoc	115	119	133	11.95	5,497	5,656	6,287	49	Marion	211	218	247	13.17	7,477	7,593	8,606	31
Prentiss	126	135	150	11.62	5,225	5,594	6,287	48	Mercer	35	26	36	38.55	7,717	5,580	7,199	71
Quitman	63	65	75	15.93	4,941	5,154	6,125	52	Miller	116	128	140	9.78	6,324	6,875	7,491	60
Rankin	425	473	544	14.99	6,334	6,749	7,658	13	Mississippi	96	90	105	17.20	6,075	5,739	6,766	85
Scott	130	139	158	13.57	5,308	5,668	6,411	41	Moniteau	78	86	94	8.94	6,645	7,098	7,624	55
Sharkey	44	41	50	22.00	5,369	5,216	6,396	42	Monroe	81	74	88	18.46	8,342	7,639	9,210	16
Simpson	138	145	161	11.07	5,898	6,174	6,747	32	Montgomery	87	82	99	20.93	7,593	7,070	8,626	30
Smith	76	81	91	12.52	5,051	5,371	6,105	54	Morgan	72	78	85	9.08	5,282	5,638	6,107	98
Stone	65</																

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

Table with columns for Area title, Total personal income (Millions of dollars, Percent change), and Per capita personal income (Dollars, Rank in State). Rows list counties across Montana, Wyoming, and Nevada.

See footnotes at end of table.

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			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981		Millions of dollars			Per cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Douglas.....	203	231	255	10.38	11,035	11,665	12,424	2	<b>Sum of non-SMSA counties</b> .....	11,753	12,955	14,305	10.42	6,754	7,482	8,242	.....
Elko.....	152	180	211	16.73	9,467	10,377	11,558	4	Albany.....	2,647	2,947	3,244	10.07	9,223	10,294	11,398	8
Esmeralda.....	6	7	8	16.59	7,465	8,360	9,528	10	Allegany.....	303	334	365	9.42	5,792	6,442	7,033	60
Eureka.....	10	13	14	12.07	9,897	10,356	10,390	6	Bronx.....	8,697	9,616	10,757	11.86	7,318	8,256	9,248	25
Humboldt.....	70	85	98	15.95	8,055	8,832	9,362	12	Broome.....	1,770	1,944	2,162	11.19	8,155	9,109	10,113	15
Lander.....	32	41	48	18.98	8,896	9,786	10,099	7	Cattaraugus.....	555	602	659	9.49	6,490	7,011	7,576	55
Lincoln.....	22	28	34	21.62	6,090	7,420	8,292	17	Cayuga.....	566	625	692	10.84	7,005	7,818	8,579	36
Lyon.....	102	121	137	13.47	8,223	8,721	9,441	11	Chautauqua.....	1,086	1,202	1,312	9.17	7,390	8,172	8,856	34
Mineral.....	46	53	59	12.42	7,487	8,495	9,633	9	Chemung.....	741	822	907	10.38	7,463	8,411	9,342	23
Nye.....	61	74	94	26.96	7,487	8,036	8,650	15	Chenango.....	322	360	395	9.69	6,516	7,287	7,823	53
Pershing.....	24	29	30	4.45	7,884	8,461	8,530	16	Clinton.....	497	543	592	8.98	6,139	6,717	7,359	57
Storey.....	10	12	13	13.91	7,457	7,777	9,077	14	Columbia.....	412	453	499	10.15	6,962	7,583	8,305	42
Washoe.....	2,143	2,400	2,673	11.36	11,450	12,311	13,255	1	Cortland.....	324	355	398	11.96	6,762	7,250	8,102	47
White Pine.....	61	75	86	15.20	7,624	9,314	9,831	8	Delaware.....	301	332	373	12.32	6,359	7,079	7,959	49
Carson City-Independent City.....	302	338	393	16.26	9,499	10,522	11,762	3	Dutchess.....	2,137	2,398	2,719	13.61	8,824	9,719	11,013	11
New Hampshire.....	7,433	8,338	9,367	12.35	8,151	9,028	10,013	.....	Erie.....	8,974	9,679	10,607	9.60	6,887	9,550	10,508	12
<b>Sum of SMSA counties</b> .....	<b>4,583</b>	<b>5,165</b>	<b>5,816</b>	<b>12.60</b>	<b>8,371</b>	<b>9,320</b>	<b>10,339</b>	.....	Essex.....	227	251	279	11.22	6,308	6,918	7,842	52
<b>Sum of non-SMSA counties</b> .....	<b>2,849</b>	<b>3,172</b>	<b>3,551</b>	<b>11.94</b>	<b>7,820</b>	<b>8,591</b>	<b>9,521</b>	.....	Franklin.....	255	285	309	8.14	5,710	6,338	6,754	61
Belnap.....	339	379	416	9.87	7,912	8,798	9,567	6	Fulton.....	362	397	443	11.82	6,435	7,197	8,032	48
Carroll.....	210	235	273	16.12	7,658	8,359	9,639	5	Genesee.....	451	493	552	11.95	5,955	6,291	6,987	24
Cheshire.....	491	549	616	12.31	7,899	8,826	9,700	4	Greene.....	277	305	335	10.01	6,795	7,463	8,214	45
Coos.....	242	266	294	10.75	6,912	7,576	8,287	10	Hamilton.....	30	34	38	12.46	5,767	6,769	7,569	56
Grafton.....	506	557	628	12.75	7,780	8,434	9,439	7	Herkimer.....	473	521	566	8.64	7,062	7,795	8,526	38
Hillsborough.....	2,862	2,683	3,007	12.10	8,584	9,668	10,766	1	Jefferson.....	616	672	737	9.66	6,904	7,628	8,438	40
Merrimack.....	789	886	991	11.85	8,174	8,978	10,015	3	Kings.....	17,227	19,066	21,329	11.87	7,682	8,548	9,563	17
Rockingham.....	1,627	1,827	2,078	13.77	8,678	9,552	10,609	2	Lewis.....	145	159	177	10.81	5,592	6,376	7,155	59
Strafford.....	594	656	731	11.43	7,001	7,672	8,368	9	Livingston.....	397	443	486	9.76	6,843	7,757	8,540	37
Sullivan.....	273	302	333	10.40	7,697	8,333	9,074	8	Madison.....	437	480	535	11.53	6,596	7,367	8,132	46
New Jersey.....	72,196	80,708	90,001	11.51	9,792	10,941	12,156	.....	Monroe.....	6,900	7,783	8,698	11.77	9,831	11,065	12,248	5
<b>Sum of SMSA counties</b> .....	<b>66,956</b>	<b>74,805</b>	<b>83,323</b>	<b>11.39</b>	<b>9,924</b>	<b>11,097</b>	<b>12,330</b>	.....	Montgomery.....	389	425	469	10.42	7,259	7,969	8,983	30
<b>Sum of non-SMSA counties</b> .....	<b>5,240</b>	<b>5,903</b>	<b>6,678</b>	<b>13.13</b>	<b>8,869</b>	<b>9,844</b>	<b>10,826</b>	.....	Nassau.....	16,963	18,926	21,191	11.97	12,906	14,289	16,012	3
Atlantic.....	1,673	2,010	2,396	19.20	8,666	10,324	12,272	7	New York.....	18,615	20,771	23,388	12.60	13,084	14,512	16,368	1
Bergen.....	10,816	12,047	13,402	11.24	12,705	14,261	15,857	1	Niagara.....	1,904	2,047	2,220	8.45	8,260	9,025	9,787	16
Burlington.....	3,067	3,368	3,752	11.42	8,474	9,269	10,201	17	Oneida.....	1,892	2,074	2,296	10.71	7,370	8,189	9,075	26
Camden.....	4,067	4,522	4,987	10.28	8,596	9,577	10,498	15	Onondaga.....	3,938	4,327	4,789	10.67	8,499	9,328	10,323	14
Cape May.....	673	763	875	14.66	8,230	9,226	10,330	16	Ontario.....	687	762	843	10.65	7,672	8,560	9,400	21
Cumberland.....	1,006	1,107	1,219	10.12	7,507	8,342	9,145	20	Orange.....	2,057	2,263	2,512	11.00	7,914	8,682	9,517	18
Essex.....	7,964	8,929	9,832	10.12	9,273	10,513	11,664	20	Orleans.....	299	325	361	11.05	7,726	8,446	9,396	22
Gloucester.....	1,558	1,711	1,916	12.02	7,921	8,506	9,318	19	Oswego.....	796	862	958	11.09	6,916	7,566	8,448	39
Hudson.....	5,007	5,559	6,132	10.30	8,961	9,935	11,034	12	Putnam.....	383	423	471	11.34	6,420	7,157	7,860	51
Hunterdon.....	880	976	1,093	12.05	10,066	11,121	12,297	6	Queens.....	18,208	20,274	22,904	12.97	9,604	10,703	12,012	6
Mercer.....	2,999	3,349	3,724	11.20	9,675	10,887	12,087	9	Rensselaer.....	1,137	1,255	1,373	9.36	7,442	8,251	9,383	29
Middlesex.....	5,955	6,664	7,474	12.15	10,016	11,158	12,465	5	Richmond.....	3,097	3,483	3,957	13.60	8,927	9,823	11,107	10
Monmouth.....	4,930	5,527	6,217	12.49	9,863	10,956	12,199	8	Rockland.....	2,692	2,991	3,366	12.54	10,472	11,473	12,907	4
Morris.....	4,604	5,203	5,857	12.58	11,335	12,736	14,169	3	St. Lawrence.....	677	747	825	10.44	5,864	6,541	7,219	58
Ocean.....	2,699	3,041	3,438	13.06	7,894	8,727	9,696	18	Saratoga.....	1,144	1,255	1,383	10.24	7,365	8,145	8,986	28
Passaic.....	4,107	4,571	5,068	10.89	9,129	10,205	11,330	11	Schenectady.....	1,434	1,578	1,753	11.06	9,470	10,538	11,555	7
Salem.....	525	546	594	8.77	8,036	8,452	9,097	21	Schoharie.....	168	179	197	9.96	6,566	6,024	6,702	62
Somerset.....	2,521	2,798	3,125	11.67	12,429	13,744	15,235	2	Schuyler.....	113	126	138	9.68	6,309	7,118	7,958	50
Sussex.....	989	1,123	1,272	13.23	8,592	9,607	10,762	13	Seneca.....	244	276	305	10.85	7,025	8,178	9,324	32
Union.....	5,432	6,074	6,720	10.63	10,686	12,041	13,368	4	Steuben.....	740	818	897	9.67	7,897	8,247	9,045	27
Warren.....	723	820	907	10.61	8,795	9,660	10,582	14	Suffolk.....	11,529	13,067	14,566	11.47	8,391	10,151	11,282	9
New Mexico.....	9,211	10,268	11,298	10.03	7,193	7,867	8,509	.....	Sullivan.....	458	509	575	12.95	6,914	7,813	8,922	33
<b>Sum of SMSA counties</b> .....	<b>4,075</b>	<b>4,549</b>	<b>5,054</b>	<b>11.11</b>	<b>7,563</b>	<b>8,211</b>	<b>9,096</b>	.....	Tioga.....	364	394	438	11.14	7,285	7,908	8,616	35
<b>Sum of non-SMSA counties</b> .....	<b>5,136</b>	<b>5,719</b>	<b>6,243</b>	<b>9.17</b>	<b>6,924</b>	<b>7,613</b>	<b>8,086</b>	.....	Tompkins.....	590	660	733	11.10	6,770	7,553	8,282	43
Bernalillo.....	3,369	3,760	4,133	11.25	8,198	8,906	9,823	3	Ulster.....	1,228	1,362	1,499	10.00	7,695	8,601	9,453	20
Catron.....	15	15	13	-14.14	5,813	5,384	4,484	30	Warren.....	408	446	494	10.82	7,411	8,116	8,976	31
Chaves.....	358	415	417	41	7,242	8,074	7,984	12	Washington.....	355	381	427	11.97	6,405	6,961	7,702	54
Colfax.....	94	106	104	-1.91	6,964	7,670	7,296	17	Wayne.....	664	737	798	8.25	7,647	8,611	9,460	19
Curry.....	309	339	339	10	7,203	8,116	8,002	11	Westchester.....	11,112	12,505	14,087	12.65	12,762	14,410	16,190	2
De Baca.....	20	20	17	-15.43	8,259	8,163	7,364	16	Wyoming.....	274	291	325	11.59	6,747	7,288	8,261	44
Dona Ana.....	551	619	686	10.81	5,878	6,394	7,237	19	Yates.....	150	162	184	14.04	7,088	7,500	8,434	41
Eddy.....	344	390	449	15.15	7,267	8,123	9,000	5	North Carolina.....	41,336	45,809	51,534	12.50	7,125	7,780	8,656	.....
Grant.....	177	194	234	20.44	6,997	7,390	8,772	7	<b>Sum of SMSA counties</b> .....	<b>24,091</b>	<b>26,750</b>	<b>29,979</b>	<b>12.07</b>	<b>7,890</b>	<b>8,613</b>	<b>9,529</b>	<b>27</b>
Guadalupe.....	25	26	24	-9.93	5,453	5,851	5,161	29	<b>Sum of non-SMSA counties</b> .....	<b>17,245</b>	<b>19,059</b>	<b>21,555</b>	<b>13.10</b>	<b>6,275</b>	<b>6,851</b>	<b>7,678</b>	<b>.....</b>
Harding.....	8	8	8	95	7,227	7,028	7,452	15	Alamance.....	734	802	903	12.61	7,414	8,093	9,084	14
Hidalgo.....	42	47	50	6.88	6,860	7,785	8,456	8	Alexander.....	152	162	182	12.09	6,139	6,45		

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			Per- cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per- cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
				1980-81				1981					1981				
Currituck	61	69	83	20.16	5,430	6,226	7,431	59	Foster	35	36	43	20.16	7,578	7,773	10,384	26
Dare	76	86	99	15.41	6,003	6,324	7,079	71	Golden Valley	21	24	29	20.55	8,644	10,000	11,154	18
Davidson	796	871	976	12.09	7,154	7,661	8,469	24	Grand Forks	461	505	588	16.29	6,935	7,635	8,897	47
Davie	161	178	198	11.26	6,620	7,220	7,974	47	Grant	28	26	33	28.71	6,393	6,021	7,901	43
Duplin	225	261	310	18.97	5,539	6,368	7,606	53	Griggs	24	22	32	45.12	6,254	5,910	9,072	39
Durham	1,261	1,403	1,574	12.20	8,333	9,158	10,095	5	Hettinger	29	28	38	36.71	6,620	6,541	9,068	40
Edgecombe	386	427	487	14.11	6,864	7,618	8,584	20	Kidder	28	24	34	42.50	7,316	6,260	8,956	42
Forsyth	2,167	2,421	2,714	12.13	8,958	9,912	11,014	2	La Moure	40	33	48	44.86	6,119	5,158	7,524	49
Franklin	161	177	201	13.45	5,413	5,860	6,527	86	Logan	23	20	30	54.31	6,377	5,653	9,085	37
Gaston	1,146	1,274	1,405	10.30	7,168	7,815	8,493	23	McHenry	65	58	85	47.28	8,002	7,431	10,936	20
Gates	58	62	73	18.49	6,703	6,940	8,249	31	McIntosh	36	36	50	37.84	7,399	7,567	10,717	23
Graham	39	44	46	3.82	5,489	6,136	6,440	89	McKenzie	59	68	94	38.30	8,728	9,360	11,941	8
Granville	197	204	235	14.85	5,813	6,011	6,870	75	McLean	111	113	146	29.83	9,064	9,098	11,671	11
Greene	104	119	144	20.97	6,696	7,374	8,855	15	Mercer	74	84	96	14.81	8,665	8,636	9,428	34
Guilford	2,848	3,148	3,508	11.44	9,045	9,913	10,943	3	Morton	188	202	233	15.64	7,695	7,949	9,035	44
Halifax	295	318	358	12.63	5,308	5,767	6,422	90	Mountrail	59	57	83	44.96	7,571	7,478	10,404	25
Harnett	319	357	401	12.27	5,379	5,979	6,681	82	Nelson	56	58	66	46.90	7,960	7,777	11,182	17
Haywood	299	338	378	11.80	6,476	7,255	8,034	40	Oliver	17	18	24	34.71	6,797	7,125	9,269	35
Henderson	432	492	560	13.68	7,578	8,346	9,294	9	Pembina	77	81	118	46.10	7,228	7,830	11,554	12
Hertford	138	147	167	13.77	5,920	6,275	7,129	69	Pierce	45	43	61	40.46	7,090	7,043	10,049	29
Hoke	87	100	113	12.70	4,417	4,865	5,520	99	Ramsey	109	112	142	26.98	8,378	8,587	10,894	22
Hyde	29	33	44	31.87	4,852	5,664	7,313	63	Ransom	51	44	44	30	7,663	6,540	6,927	52
Iredell	569	627	698	11.29	6,953	7,577	8,288	30	Renville	29	27	42	53.71	7,920	7,598	11,469	13
Jackson	140	156	176	12.63	5,574	6,024	6,634	84	Richland	125	119	115	-2.93	6,930	6,181	5,948	53
Johnston	448	505	571	13.15	6,378	7,143	7,982	45	Rolette	66	67	86	28.82	5,383	5,502	7,319	50
Jones	48	58	73	25.72	5,005	5,989	7,524	57	Sargent	37	36	42	16.73	6,629	6,331	7,802	48
Lee	268	293	341	16.46	4,747	4,955	5,924	11	Sheridan	23	19	30	58.19	7,442	6,858	11,200	16
Lenoir	395	440	496	12.66	6,668	7,354	8,223	32	Sioux	22	23	27	18.11	5,878	6,342	7,272	51
Lincoln	281	309	346	11.96	6,848	7,254	8,184	35	Slope	10	11	14	28.37	8,542	9,576	12,082	6
McDowell	229	255	276	8.19	6,680	7,221	7,783	51	Stark	175	206	255	23.53	7,833	8,581	9,921	31
Macon	116	133	152	14.08	5,758	6,588	7,228	66	Steele	21	17	27	61.45	6,626	5,506	9,162	36
Madison	80	91	102	12.76	4,852	5,391	5,946	93	Stutsman	187	194	238	22.46	7,771	8,026	9,844	32
Martin	159	177	208	17.53	6,145	6,834	7,904	49	Towner	31	28	49	73.13	7,497	7,023	11,977	7
Mecklenburg	3,768	4,198	4,728	12.64	9,523	10,335	11,460	1	Trail	76	76	109	43.65	7,770	7,834	11,420	14
Mitchell	81	90	102	12.28	5,631	6,284	6,843	77	Walsh	106	106	154	44.99	6,636	6,945	10,223	28
Montgomery	136	150	165	9.42	6,279	6,648	7,247	65	Ward	492	537	641	19.43	8,307	9,222	10,921	21
Moore	351	397	445	12.05	7,107	7,817	8,729	19	Wells	71	69	91	33.03	9,973	9,867	13,189	3
Nash	470	518	593	14.53	7,008	7,714	8,801	16	Williams	206	249	354	41.95	9,783	11,049	14,748	1
New Hanover	771	865	961	11.06	7,951	8,339	9,158	13	Ohio	94,334	102,133	111,186	8.86	8,736	9,456	10,314	.....
Northampton	109	108	125	15.32	4,774	4,816	5,577	98	Sum of SMSA counties	78,542	85,218	92,959	9.08	9,059	9,834	10,770	.....
Onslow	611	670	805	20.13	5,401	5,989	7,089	70	Sum of non-SMSA counties	15,793	16,914	18,228	7.77	7,440	7,925	8,482	.....
Orange	578	648	733	13.07	7,615	8,370	9,297	8	Adams	116	131	161	22.66	4,853	5,376	6,286	85
Pamlico	61	70	77	9.74	6,001	6,699	7,260	64	Allen	966	1,034	1,079	4.35	8,680	9,181	9,635	26
Pasquotank	191	205	231	12.88	6,781	7,188	8,090	39	Ashland	365	394	436	10.59	7,978	8,513	9,344	36
Pender	119	135	155	14.78	5,485	6,054	6,892	73	Ashtabula	789	851	921	8.13	7,602	8,149	8,950	44
Perquimans	53	54	65	20.43	5,535	5,687	6,730	80	Athens	296	327	355	8.55	5,364	5,785	6,145	87
Person	171	182	203	11.35	5,939	6,219	6,867	76	Auglaize	346	369	396	7.46	8,139	8,643	9,113	40
Pitt	560	638	739	15.90	6,768	7,609	8,152	36	Belmont	677	726	775	6.65	8,122	8,790	9,438	33
Polk	101	113	128	13.66	7,983	8,648	9,555	6	Brown	198	226	239	5.70	6,279	7,063	7,226	76
Randolph	654	712	796	11.79	7,282	7,716	8,465	25	Butler	2,115	2,316	2,564	10.69	8,245	8,912	9,672	23
Richmond	276	290	320	10.26	6,158	6,364	6,992	72	Carroll	165	181	192	6.19	6,437	7,061	7,382	73
Robeson	508	561	633	12.72	5,054	5,518	6,268	81	Champaign	249	260	272	4.63	7,347	7,722	7,853	66
Rockingham	576	630	696	10.45	6,988	7,537	8,212	33	Clark	1,172	1,252	1,348	7.62	7,770	8,337	9,029	42
Rowan	688	766	849	10.93	7,028	7,698	8,387	27	Clermont	975	1,092	1,230	12.69	7,811	8,291	9,159	39
Rutherford	340	371	414	11.70	6,398	6,879	7,582	55	Clinton	274	287	314	9.40	7,923	8,298	8,900	48
Sampson	308	341	401	17.79	6,293	6,836	7,954	48	Columbiana	832	893	975	9.19	7,306	7,876	8,637	53
Scotland	194	213	239	12.01	6,051	6,591	7,372	62	Coshocton	282	298	328	9.94	7,872	8,261	8,947	45
Stanly	334	364	408	12.12	7,025	7,475	8,388	26	Crawford	411	429	450	4.91	8,088	8,596	8,855	49
Stokes	189	210	243	15.77	5,888	6,287	7,193	67	Cuyahoga	16,047	17,382	18,999	9.31	10,597	11,642	13,077	1
Surry	392	431	481	11.66	6,697	7,226	8,114	38	Darke	413	441	461	4.52	7,424	7,997	8,424	58
Swain	55	60	65	8.96	5,287	5,814	6,485	88	Defiance	350	362	390	7.81	8,776	9,029	9,796	16
Transylvania	153	175	200	14.35	6,584	7,461	8,341	28	Delaware	439	474	504	6.34	8,191	8,762	9,642	25
Tyrrell	23	27	34	28.98	5,759	6,691	8,304	29	Erie	709	750	778	3.62	9,064	9,402	9,762	17
Union	504	551	620	12.38	7,407	7,782	8,538	21	Fairfield	768	839	922	9.86	8,389	8,889	9,592	28
Vance	243	252	278	10.68	6,674	6,833	7,554	56	Fayette	205	208	213	2.24	7,462	7,550	7,732	69
Wake	2,598	2,915	3,251	11.52	8,851	9,633	10,623	4	Franklin	7,679	8,510	9,338	9.73	8,753	9,803	10,602	9
Warren	78	92	103	12.04	4,772	5,706	6,608	85	Fulton	317	331	362	9.49	8,404	8,760	9,452	31
Washington	104	116	133	14.89	6,980	7,807	9,160	12	Gallia	209	220	231	5.19	7,088	7,293	7,536	71
Watauga	170	191	216	13.26	5,483	6,000	6,680	83	Geauga	680	732	803	9.79	9,232	9,800	10,622	8
Wayne	615	677	761	12.45	6,335	6,979	7,790	50	Greene	1,058	1,142	1,251	9.53	8,152	8,796	9,630	27
Wilkes	383	422	473	12.16	6,519	7,193	7,985	43	Guernsey	280	303	328	8.11	6,825	7,176	7,708	70
Wilson	463	510	584	14.65	7,435	8,051	9,239	10	Hamilton	8,496	9,342	10,174	8.90	9,660	10,721	11,836	2
Yadkin	200	221	248	11.97	7,087	7,765	8,514	22	Hancock	564	620	675	9.01	8,711	9,599	10,441	10
Yancey	69</																

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			Per- cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per- cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Medina	1,002	1,087	1,179	8.47	8,997	9,538	10,161	12	Okfuskee	59	66	75	14.57	5,199	5,946	6,634	63
Meigs	144	159	167	4.93	6,295	6,687	7,201	77	Oklahoma	5,602	6,557	7,580	15.61	10,010	11,511	13,093	3
Mercer	329	338	351	4.10	8,597	8,804	9,058	41	Okmulgee	252	287	332	15.70	6,512	7,316	8,275	38
Miami	778	839	896	6.90	8,606	9,268	9,758	18	Osage	226	273	320	17.07	6,199	6,883	8,252	41
Monroe	109	121	129	6.80	6,384	6,887	7,342	74	Ottawa	240	257	287	11.54	7,322	7,819	8,773	32
Montgomery	5,345	5,723	6,316	10.36	9,359	10,001	11,126	3	Pawnee	101	110	126	14.34	6,584	7,187	8,009	48
Morgan	96	107	117	9.19	6,909	7,487	8,246	63	Payne	380	427	492	15.43	6,192	6,813	7,674	52
Morrow	164	169	174	3.31	6,086	6,379	6,549	84	Pittsburg	234	255	290	13.79	5,717	6,307	7,193	57
Muskingum	609	668	732	9.57	7,316	8,006	8,709	52	Pontotoc	226	259	297	14.61	7,015	7,927	8,970	31
Noble	67	71	82	15.95	5,968	6,241	7,147	78	Pottawatomie	395	453	526	15.95	7,339	8,172	9,115	27
Ottawa	337	378	397	5.21	8,313	9,435	10,004	14	Pushmataha	46	49	57	15.61	4,015	4,147	4,658	77
Paulding	174	181	181	.38	8,172	8,464	8,579	54	Roger Mills	40	40	53	32.15	9,298	8,194	7,698	51
Perry	184	199	221	10.88	5,937	6,415	6,822	81	Rogers	309	354	408	14.96	6,848	7,537	8,528	37
Pickaway	322	348	367	5.27	7,511	7,991	8,248	62	Seminole	180	209	256	22.26	6,692	7,606	9,241	23
Pike	121	135	156	15.64	5,408	5,884	6,653	82	Sequoyah	153	168	195	16.40	4,968	5,425	6,271	66
Portage	977	1,064	1,165	9.49	7,279	7,818	8,393	59	Stephens	365	423	491	16.21	8,628	9,669	10,886	11
Preble	279	289	309	6.91	7,797	7,531	8,129	65	Texas	245	263	206	-21.70	13,844	14,893	11,403	8
Putnam	258	282	283	.37	7,512	8,554	8,464	57	Tillman	111	104	102	-1.32	9,083	8,335	8,257	39
Richland	1,060	1,133	1,262	11.31	8,140	8,634	9,669	24	Tulsa	4,793	5,646	6,548	15.97	10,544	11,898	13,511	2
Ross	463	501	552	10.00	7,149	7,704	8,276	61	Wagoner	200	226	261	15.46	5,023	5,316	5,875	71
Sandusky	512	552	590	6.78	8,043	8,743	9,388	35	Washington	523	620	739	19.13	11,288	12,746	14,538	1
Scioto	516	559	600	7.44	6,104	6,598	6,961	79	Washita	109	109	121	10.60	8,222	7,842	7,877	47
Seneca	516	549	585	6.45	8,231	8,887	9,457	30	Woods	92	100	105	4.96	8,651	9,154	9,504	21
Shelby	330	358	376	5.07	7,652	8,303	8,532	55	Woodward	164	191	240	25.95	8,047	8,923	10,519	14
Stark	3,278	3,542	3,922	10.73	8,688	9,347	10,360	11	Oregon	22,338	24,464	26,529	8.44	8,664	9,275	10,009	.....
Summit	4,688	5,077	5,537	9.06	8,911	9,676	10,730	7	Sum of SMSA counties	15,324	16,901	18,364	8.66	9,172	9,879	10,678	.....
Tuscarawas	628	674	759	12.52	7,477	7,951	8,911	47	Sum of Non-SMSA counties	7,014	7,563	8,164	7.96	7,729	8,159	8,773	.....
Union	241	258	283	9.96	8,182	8,719	9,434	34	Baker	121	127	136	6.97	7,490	7,876	8,315	32
Van Wert	283	297	308	3.79	9,304	9,739	10,093	13	Benton	485	540	610	12.90	7,116	7,939	8,776	19
Vinton	60	66	70	6.62	5,338	5,638	6,076	88	Clackamas	2,176	2,416	2,643	9.43	9,188	9,961	10,811	5
Warren	762	837	921	10.06	7,753	8,390	8,929	46	Clatsop	265	286	310	8.28	8,229	8,811	9,559	9
Washington	462	512	565	10.34	7,251	7,937	8,715	51	Columbia	292	315	339	7.52	8,226	8,890	9,355	11
Wayne	772	836	926	10.79	7,933	8,555	9,448	32	Coos	509	511	541	5.71	8,017	7,999	8,561	26
Williams	314	327	349	6.61	8,706	8,977	9,341	37	Crook	104	107	116	8.50	8,102	8,145	8,763	20
Wood	869	951	1,007	5.96	8,196	8,813	9,306	38	Curry	129	139	153	10.19	7,753	8,127	8,798	17
Wyandot	188	196	205	4.39	8,231	8,653	8,778	50	Deschutes	477	505	543	7.67	8,155	7,996	8,475	28
Oklahoma	24,179	27,631	31,753	14.92	8,141	9,097	10,241	.....	Douglas	703	767	793	3.31	7,638	8,179	8,644	25
Sum of SMSA counties	15,245	17,765	20,600	13.06	8,805	9,984	11,355	.....	Gilliam	17	18	21	12.17	8,208	9,061	10,219	7
Sum of non-SMSA counties	8,935	9,867	11,152	15.03	7,213	7,842	8,670	.....	Grant	61	64	69	7.48	7,597	7,845	8,447	30
Adair	71	81	95	18.18	3,793	4,329	5,188	75	Harney	68	68	69	5.55	8,176	8,191	8,560	27
Alfalfa	63	63	66	4.58	8,769	8,931	9,058	29	Hood River	144	156	169	7.90	8,804	9,926	10,851	4
Atoka	51	55	63	15.39	4,041	4,275	4,985	76	Jackson	974	1,072	1,155	7.76	7,495	8,081	8,676	24
Beaver	73	71	70	-2.37	11,247	10,359	9,670	17	Jefferson	83	89	100	12.53	7,283	7,687	8,473	29
Beckham	142	158	196	24.27	7,792	8,086	9,594	20	Josephine	375	410	449	9.55	6,485	6,956	7,441	36
Blaine	101	106	118	11.26	7,546	7,843	8,257	40	Klamath	456	483	515	6.62	7,742	8,196	8,784	18
Bryan	182	197	217	10.17	6,041	6,423	6,924	61	Lake	57	61	66	8.96	7,994	7,998	8,713	22
Caddo	227	236	258	9.54	7,348	7,669	8,088	42	Lane	2,161	2,320	2,489	7.30	8,069	8,404	9,026	14
Canadian	452	525	611	16.47	8,256	9,165	10,261	16	Lincoln	272	302	336	11.26	8,090	8,504	9,462	10
Carter	339	399	464	16.26	7,917	9,153	10,719	13	Linn	666	732	789	7.82	7,488	8,177	8,744	21
Cherokee	154	178	194	9.29	5,126	5,756	6,250	68	Malheur	177	198	211	6.59	6,754	7,346	7,774	35
Choctaw	89	97	102	5.71	5,151	5,677	5,774	72	Marion	1,610	1,766	1,930	9.28	8,106	8,595	9,277	12
Cimarron	68	63	44	-30.17	18,939	17,207	11,493	7	Morrow	73	81	80	-1.56	10,209	10,600	10,917	3
Cleveland	898	1,075	1,280	19.06	7,044	7,972	9,143	25	Multnomah	5,795	6,422	6,996	8.94	10,408	11,436	12,548	1
Coal	32	34	37	9.03	5,112	5,709	6,270	67	Polk	318	342	373	9.00	7,068	7,588	7,826	34
Comanche	721	787	889	12.93	6,272	7,050	7,857	49	Sherman	18	17	19	8.50	8,546	7,916	8,282	33
Cotton	57	55	54	-9.6	7,873	7,451	7,448	54	Tillamook	165	176	193	9.73	8,001	8,293	9,193	13
Craig	122	134	145	7.72	8,003	8,987	9,611	19	Umatilla	446	473	520	9.87	7,771	8,013	8,707	23
Creek	389	450	534	18.84	6,663	7,570	8,725	34	Union	173	185	203	10.20	7,406	7,711	8,353	31
Custer	195	221	259	17.29	7,567	8,462	9,636	18	Wallowa	55	59	66	11.66	7,900	8,120	8,972	15
Delaware	111	120	139	15.88	4,635	4,968	5,773	73	Wasco	197	215	236	9.82	9,312	9,879	10,568	6
Dewey	55	58	64	9.62	9,048	9,818	10,472	15	Washington	2,290	2,563	2,778	8.36	9,711	10,360	10,970	2
Ellis	48	54	66	23.01	8,312	9,620	10,793	12	Wheeler	12	13	14	10.28	7,922	8,879	9,982	8
Garfield	558	647	758	17.29	8,965	10,287	12,049	5	Yamhill	418	464	499	7.62	7,831	8,343	8,956	16
Garvin	207	228	268	17.59	7,558	8,157	9,120	26	Pennsylvania	101,366	111,594	123,057	10.27	8,537	9,394	10,366	.....
Grady	278	300	352	17.21	7,201	7,561	8,688	35	Sum of SMSA counties	86,138	95,032	104,806	10.29	8,855	9,768	10,769	.....
Grant	83	78	83	6.01	12,644	12,113	11,523	6	Sum of Non-SMSA counties	15,228	16,562	18,250	10.19	7,095	7,700	8,534	.....
Greer	49	48	51	6.49	7,069	7,006	7,245	56	Adams	484	535	597	11.66	7,180	7,790	8,519	41
Harmon	38	36	36	-4.6	7,806	8,126	7,049	59	Allegheny	14,314	15,828	17,461	10.32	9,842	10,923	12,109	3
Harper	50	55	56	2.85	10,561	11,627	11,064	9	Armstrong	561	602	651	8.16	7,188	7,735	8,432	43
Haskell	62	68	75	11.18	5,701	6,142	6,663	62	Beaver	1,718	1,854	2,071	11.72	8,394	9,067	10,232	12
Hughes	83	90	105	16.24	5,787	6,271	7,172	58	Bedford	278	299	338	12.88	5,938	6,372	7,287	62
Jackson	203	215	234</														

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

Area title	Total personal income				Per capita personal income				Rank in State
	Millions of dollars			Per cent change <sup>1</sup>	Dollars			Rank in State	
	1979	1980	1981		1979	1980	1981		
				1980-81				1981	
Fayette	1,067	1,169	1,244	6.37	6,555	7,288	7,956	52	
Forest	33	37	41	12.58	6,619	7,297	8,048	51	
Franklin	892	996	1,108	11.29	7,953	8,729	9,958	14	
Fulton	71	81	90	10.33	5,629	6,309	7,010	66	
Greene	252	277	305	10.09	6,157	6,869	7,662	58	
Huntingdon	254	275	304	10.46	6,151	6,479	7,277	63	
Indiana	687	719	790	9.85	7,266	7,762	8,632	37	
Jefferson	349	372	413	10.85	7,176	7,695	8,614	38	
Juniata	138	147	160	8.97	7,171	7,660	8,314	44	
Lackawanna	1,698	1,871	2,051	9.61	7,392	8,219	8,988	27	
Lancaster	3,087	3,393	3,768	11.05	8,590	9,324	10,324	11	
Lawrence	778	833	929	11.62	7,306	7,756	8,764	34	
Lebanon	863	940	1,029	9.48	7,838	8,539	9,396	23	
Lehigh	2,455	2,733	3,022	10.59	9,009	9,959	11,015	7	
Luzerne	2,603	2,814	3,083	9.55	7,531	8,203	9,061	26	
Lycoming	887	954	1,046	9.71	7,416	8,045	8,949	30	
McKean	396	426	480	12.59	7,794	8,432	9,508	21	
Mercer	993	1,101	1,226	11.43	7,768	8,559	9,609	18	
Mifflin	306	334	367	9.85	6,569	7,101	7,780	56	
Monroe	509	577	646	11.99	7,501	8,232	9,123	25	
Montgomery	7,626	8,495	9,467	11.43	11,927	13,168	14,530	1	
Montour	115	129	145	12.77	6,846	7,718	8,794	32	
Northampton	2,040	2,271	2,471	9.31	9,084	10,057	10,967	8	
Northumberland	715	794	865	9.01	7,013	7,715	8,555	39	
Perry	238	257	282	9.54	6,681	7,165	7,868	55	
Philadelphia	13,759	15,123	16,635	10.00	8,641	9,976	9,901	15	
Pike	116	126	142	12.33	6,556	6,842	7,351	61	
Potter	106	113	127	12.32	6,043	6,373	7,071	65	
Schuylkill	1,141	1,247	1,377	10.45	7,055	7,762	8,689	36	
Snyder	222	239	269	12.60	6,647	7,087	7,925	53	
Somerset	600	635	695	9.53	7,410	7,803	8,554	40	
Sullivan	86	99	111	12.77	5,458	6,106	7,004	67	
Susquehanna	225	238	272	14.19	5,971	6,263	7,379	60	
Tioga	265	287	311	8.37	6,493	7,006	7,419	59	
Union	225	248	272	9.92	6,760	7,519	8,218	47	
Warren	510	551	611	10.81	7,894	8,571	9,540	19	
Washington	373	408	456	11.76	7,913	8,594	9,523	20	
Wayne	1,782	1,922	2,089	8.68	8,123	8,863	9,789	17	
Westmoreland	229	248	282	13.88	6,417	7,017	8,140	49	
Wyoming	3,194	3,517	3,889	9.15	8,135	8,947	9,756	16	
York	161	173	189	9.17	6,096	6,532	7,196	64	
York	2,610	2,885	3,182	10.29	8,412	9,179	10,073	13	
Rhode Island	7,902	8,724	9,678	10.94	8,260	9,197	10,156		
Sum of SMSA counties	7,257	7,992	8,839	10.61	8,298	9,217	10,150		
Sum of Non-SMSA counties	645	732	839	14.50	7,849	8,988	10,213		
Bristol	417	452	512	13.10	8,903	9,632	10,954	1	
Kent	1,343	1,480	1,649	11.36	8,702	9,575	10,637	2	
Newport	645	732	839	14.50	7,849	8,988	10,213	3	
Providence	4,770	5,295	5,756	9.96	8,215	9,158	10,019	4	
Washington	728	824	923	12.02	7,840	8,776	9,756	5	
South Carolina	20,548	22,722	25,456	12.03	6,657	7,266	8,039		
Sum of SMSA counties	13,091	14,615	16,316	11.64	7,120	7,819	8,629		
Sum of Non-SMSA counties	7,457	8,107	9,140	12.74	5,974	6,444	7,164		
Abbeville	130	141	158	12.37	5,691	6,236	6,958	25	
Aiken	796	879	987	12.30	7,648	8,300	9,202	5	
Allendale	49	47	61	30.57	4,554	4,343	5,566	40	
Anderson	876	967	1,059	9.59	6,744	7,218	7,738	17	
Bamberg	93	94	106	12.73	5,130	5,208	5,875	37	
Barnwell	128	134	149	11.23	6,246	6,764	7,548	21	
Beaufort	520	553	664	20.07	7,934	8,454	9,708	1	
Berkeley	437	505	562	11.30	4,802	5,275	5,680	39	
Calhoun	76	79	95	19.80	6,334	6,479	7,836	14	
Charleston	2,027	2,269	2,567	13.14	7,275	8,191	9,287	4	
Cherokee	275	297	322	8.33	6,681	7,250	7,709	18	
Chester	199	217	242	11.51	6,584	7,222	7,955	13	
Chesterfield	217	236	265	11.91	5,769	6,191	6,854	30	
Clarendon	121	123	147	20.11	4,319	4,469	5,938	46	
Colleton	161	175	196	11.70	5,115	5,513	6,142	36	
Darlington	362	389	434	11.52	5,767	6,191	6,918	26	
Dillon	143	152	173	14.08	4,637	4,878	5,553	41	
Dorchester	364	412	484	17.46	6,561	6,995	7,991	12	
Edgefield	99	112	124	10.64	5,931	6,366	6,836	31	
Fairfield	128	139	154	10.40	6,209	6,723	7,423	22	
Florence	676	749	850	13.56	6,200	6,780	7,669	19	
Georgetown	243	274	299	9.37	5,740	6,434	6,869	29	
Greenville	2,222	2,495	2,774	11.21	7,936	8,631	9,558	2	
Greenwood	387	435	480	10.39	6,800	7,502	8,159	11	
Hampton	108	109	126	15.73	5,950	5,980	6,757	32	
Horry	639	715	820	14.79	6,434	7,015	7,806	16	
Jasper	66	73	80	10.06	4,666	5,024	5,498	42	
Kershaw	282	307	341	11.27	7,365	7,847	8,530	8	
Lancaster	315	354	399	12.80	6,014	6,589	7,293	24	
Laurens	343	378	419	10.78	6,642	7,236	7,814	15	
Lee	84	87	101	15.95	4,428	4,615	5,398	44	
Lexington	977	1,080	1,202	11.27	7,104	7,656	8,326	10	
McCormick	38	42	45	6.68	4,797	5,402	5,815	38	
Marion	180	194	215	10.58	5,255	5,679	6,290	35	
Marlboro	145	154	173	12.76	4,631	4,842	5,491	43	
Newberry	222	243	266	9.36	7,137	7,818	8,497	9	
Oconee	296	336	377	12.24	6,230	6,887	7,656	27	
Orangeburg	460	493	562	13.91	5,647	5,998	6,718	33	
Pickens	475	533	590	10.78	6,085	6,693	7,398	23	
Richland	2,052	2,291	2,529	10.38	7,665	8,545	9,352	3	
Saluda	82	96	108	13.32	5,651	5,888	6,694	34	
Spartanburg	1,449	1,613	1,772	9.82	7,260	7,989	8,640	6	
Sumter	500	546	611	11.89	5,710	6,184	6,871	28	
Union	181	197	217	9.93	5,825	6,430	6,888	27	
Williamsburg	176	185	208	12.55	4,566	4,839	5,386	45	
York	740	822	939	14.22	7,106	7,651	8,592	7	
South Dakota	5,154	5,335	6,059	13.57	7,480	7,734	8,837		
Sum of SMSA counties	980	1,047	1,171	11.83	9,174	9,521	10,614		
Sum of Non-SMSA counties	4,174	4,288	4,888	13.99	7,169	7,395	8,497		
Aurora	22	22	22	.67	5,967	6,071	5,940	59	
Beadle	156	166	183	10.13	8,070	8,665	9,630	9	
Bennett	18	18	19	6.76	5,647	5,489	6,235	57	
Bon Homme	55	53	64	19.78	6,709	6,629	8,152	32	
Brookings	167	169	199	17.65	6,981	6,923	8,241	30	
Brown	299	320	368	14.95	8,201	8,680	10,108	16	
Brule	42	43	46	4.89	7,361	8,354	8,854	19	
Buffalo	10	10	10	-3.04	5,616	5,609	5,603	61	
Butte	55	59	66	10.95	6,491	7,060	8,103	34	
Campbell	17	19	19	.72	7,602	8,384	8,591	25	
Charles Mix	59	60	69	14.89	5,979	6,261	7,153	51	
Clark	35	31	39	28.72	7,028	6,292	8,106	33	
Clay	90	89	110	23.01	6,748	6,791	7,982	37	
Codington	152	161	184	14.30	7,250	7,729	8,698	20	
Corson	25	28	29	3.30	4,446	5,391	5,419	64	
Custer	35	37	41	11.16	6,215	6,117	6,689	56	
Davison	133	143	159	10.69	7,497	8,065	8,958	17	
Day	52	54	62	15.94	6,412	6,652	7,832	43	
Deuel	34	28	42	52.06	6,338	5,241	7,087	41	
Dewey	31	34	35	2.73	6,268	6,261	7,044	53	
Douglas	26	25	28	14.71	6,125	5,915	6,853	55	
Edmunds	32	34	35	2.30	6,027	6,790	7,045	52	
Fall River	70	76	81	7.43	8,559	8,978	10,251	3	
Faulk	26	27	28	3.81	7,688	8,174	8,653	23	
Grant	67	65	79	21.07	7,495	7,259	8,933	18	
Gregory	41	41	46	10.74	6,313	6,825	7,659	46	
Haakon	23	24	25	3.04	8,635	8,644	9,069	16	
Hamlin	94	29	41	41.17	6,883	5,477	7,800	44	
Hand	38	38	40	3.22	7,745	7,786	7,875	42	
Hanson	20	15	20	31.99	5,803	4,544	5,980	58	
Harding	13	15	16	5.97	7,957	8,770	9,998	7	
Hughes	116	130	141	8.44	8,144	9,190	10,191	4	
Hutchinson	67	58	70	22.07	7,274	6,169	7,703	45	
Hyde	16	17	16	-3.13	7,200	8,203	8,227	31	
Jackson	18	19	19	3.75	5,434	5,418	5,529	62	
Jerauld	18	19	20	5.28	5,973	6,375	6,950	54	
Jones	12	11	12	4.78	8,021	7,899	8,530	26	
Kingsbury	51	48	59	22.10	7,601	7,246	8,681	21	
Lake	77	68	86	26.26	7,286	6,368	8,016	36	
Lawrence	131	144	163	13.52	7,347	7,783	9,258	13	
Lincoln	103	90	117	31.25	7,839	6,357	8,658	22	
Lyman	27	28	29	3.39	7,256	7,392	7,658	47	

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				Rank in State	Area title	Total personal income				Per capita personal income				Rank in State
	Millions of dollars			Per-cent change <sup>1</sup>	Dollars			Rank in State			Millions of dollars			Per-cent change <sup>1</sup>	Dollars			Rank in State	
	1979	1980	1981		1979	1980	1981				1979	1980	1981		1979	1980	1981		
Claiborne	119	130	143	10.42	4,972	5,264	5,774	75	Atascosa	137	162	193	18.87	5,607	6,426	7,602	211		
Clay	33	36	41	12.88	4,537	4,691	5,395	85	Austin	132	153	183	19.48	7,756	8,534	9,744	100		
Cocke	140	152	168	10.87	4,929	5,280	5,888	74	Bailey	69	66	79	20.67	8,462	8,028	9,514	117		
Coffee	253	290	317	9.30	6,671	7,574	8,069	16	Bandera	50	58	67	16.51	7,547	8,032	9,518	116		
Crockett	82	90	99	10.30	5,456	6,050	7,127	39	Bastrop	143	164	191	16.21	5,931	6,582	7,351	225		
Cumberland	137	153	173	13.04	4,900	5,325	6,000	73	Baylor	52	48	56	17.19	10,912	9,641	11,101	43		
Davidson	4,282	4,709	5,255	11.61	9,038	9,854	11,170	1	Bee	151	185	216	17.06	5,889	7,064	8,259	187		
Decatur	58	61	68	12.74	5,390	5,573	6,354	62	Bell	1,125	1,262	1,400	10.93	6,923	8,060	8,767	154		
Dekalb	76	83	92	11.35	5,733	6,074	6,746	51	Bexar	7,338	8,446	9,636	14.09	7,509	8,523	9,452	121		
Dickson	182	197	223	13.33	6,099	6,551	7,292	32	Blanco	29	35	41	16.24	6,203	7,416	8,637	165		
Dyer	227	233	264	13.22	6,681	6,736	7,681	27	Borden	10	8	9	19.38	10,986	9,217	9,904	94		
Fayette	103	110	128	15.48	4,071	4,380	5,083	89	Bosque	114	115	138	20.00	8,438	8,570	10,323	74		
Fentress	56	60	67	10.35	3,875	4,065	4,546	94	Bowie	546	606	688	13.62	7,299	8,028	9,065	139		
Franklin	175	190	214	12.71	5,580	5,916	6,736	54	Brazoria	1,422	1,645	1,799	9.37	8,820	9,571	10,127	85		
Gibson	293	306	350	14.47	5,978	6,194	7,180	36	Brazos	542	649	790	21.75	5,981	6,862	8,013	197		
Giles	166	177	194	9.61	6,855	7,193	7,901	21	Brewster	49	58	65	11.66	6,510	7,697	8,497	177		
Grainger	76	84	93	11.60	4,513	5,006	5,618	78	Briscoe	29	19	26	35.47	11,486	7,473	10,524	64		
Greene	308	336	375	11.33	5,726	6,175	6,740	53	Brooks	41	47	54	16.48	4,945	5,502	6,325	239		
Grundy	58	62	73	17.31	4,213	4,482	5,281	86	Brown	224	249	293	17.69	6,862	7,496	8,713	160		
Hamblen	294	313	341	9.09	5,992	6,349	6,864	47	Burleson	69	86	113	31.43	5,891	6,925	8,771	153		
Hamilton	2,359	2,560	2,816	10.01	8,215	8,894	9,505	5	Burnet	134	156	186	18.95	7,814	8,689	10,139	83		
Hancock	25	27	33	20.30	3,712	3,968	4,603	93	Caldwell	135	158	189	19.41	5,863	6,669	7,765	206		
Hardeman	120	129	149	15.66	5,025	5,428	6,304	64	Calhoun	566	578	688	12.06	8,054	9,050	9,799	99		
Hardin	121	130	141	8.53	5,668	5,821	6,293	66	Callahan	79	85	100	18.33	7,373	7,664	8,985	143		
Hawkins	223	245	275	12.36	5,223	5,574	6,163	71	Cameron	1,021	1,163	1,341	15.27	4,966	5,512	6,172	242		
Haywood	104	114	128	12.49	5,120	5,634	6,473	58	Camp	70	80	95	18.60	7,756	8,557	10,105	87		
Henderson	123	117	137	16.79	5,714	5,491	6,238	67	Carson	83	75	80	5.88	12,449	11,273	11,611	28		
Henry	197	201	227	12.49	6,973	7,025	7,894	22	Cass	175	198	223	12.82	6,054	6,696	7,457	218		
Hickman	85	90	98	9.42	5,680	5,907	6,548	57	Castro	94	77	67	-12.40	8,979	7,296	6,220	241		
Houston	39	45	51	15.08	5,978	6,487	7,426	30	Chambers	132	154	191	24.69	7,431	8,172	9,707	103		
Humphreys	105	111	124	11.21	6,712	6,964	7,719	26	Cherokee	280	320	368	14.81	7,606	8,335	9,621	107		
Jackson	38	41	47	13.46	4,057	4,399	5,250	87	Chidress	57	62	62	8.72	8,889	8,115	8,948	146		
Jefferson	182	197	217	10.31	5,967	6,284	6,846	48	Clay	78	83	100	20.48	8,589	8,565	10,251	79		
Johnson	69	79	87	9.92	4,984	5,740	6,297	65	Cochran	40	31	34	9.27	8,199	6,442	7,156	229		
Knox	2,416	2,712	3,012	11.07	7,628	8,476	9,306	6	Coke	22	24	30	23.00	6,718	7,575	9,076	138		
Lake	38	39	46	18.48	5,115	5,245	6,187	70	Coleman	70	79	90	13.82	6,595	7,618	8,507	174		
Lauderdale	130	130	149	14.56	5,277	5,301	6,305	63	Collin	1,149	1,350	1,622	20.17	8,453	9,175	10,607	57		
Lawrence	218	230	242	5.27	6,415	6,763	7,044	42	Collingsworth	37	32	33	1.21	7,838	6,931	6,932	231		
Lewis	41	44	49	11.31	4,308	4,495	4,783	90	Colorado	147	168	195	15.97	8,052	8,868	10,119	86		
Lincoln	152	163	177	8.51	5,742	6,183	6,744	52	Comal	259	328	396	17.44	8,188	9,168	10,376	71		
Loudon	184	198	227	14.42	6,549	6,942	7,831	24	Comanche	82	92	109	18.37	6,620	7,296	8,691	163		
McMinn	245	270	303	12.43	5,945	6,437	7,156	38	Concho	21	18	27	53.05	7,455	6,139	9,182	133		
McNairy	121	127	143	12.33	5,389	5,649	6,422	60	Cooke	223	251	290	15.88	8,358	8,982	10,324	73		
Macon	92	99	115	16.19	6,046	6,305	7,093	41	Coryell	284	310	367	18.39	4,940	5,485	6,378	238		
Madison	514	563	615	9.35	6,993	7,534	8,132	14	Cottle	40	24	28	17.63	13,731	8,001	9,522	114		
Marion	144	156	170	9.30	6,019	6,392	6,953	45	Crane	39	48	57	20.54	8,644	10,296	11,821	21		
Marshall	134	135	138	2.50	6,309	6,842	7,018	43	Crockett	36	43	52	20.45	7,935	9,284	10,542	60		
Maury	360	369	408	10.42	7,095	7,235	7,972	18	Crosby	73	64	89	39.20	8,364	7,201	10,156	81		
Meigs	39	45	48	7.49	5,703	5,947	6,869	46	Culberson	21	23	29	25.89	6,038	6,966	8,407	182		
Monroe	130	144	160	11.66	4,612	4,998	5,563	79	Dallam	99	88	74	-16.19	15,050	13,500	11,059	45		
Montgomery	536	569	637	12.08	6,472	6,803	7,772	25	Dallas	16,367	19,165	21,875	14.14	10,753	12,256	13,530	7		
Moore	26	28	34	19.40	6,009	6,209	7,162	37	Dawson	121	119	145	22.37	7,445	7,369	9,026	140		
Morgan	65	72	78	8.29	4,016	4,326	4,660	91	Deaf Smith	184	193	184	-4.62	6,686	9,127	8,716	158		
Obion	238	250	279	11.89	7,076	7,662	8,670	8	Delta	31	33	38	15.23	6,534	6,791	7,965	201		
Overton	82	89	100	11.51	4,704	5,085	5,891	77	Denton	1,030	1,228	1,421	15.79	7,640	8,435	9,426	123		
Perry	31	33	40	21.13	5,010	5,375	6,381	61	De Witt	122	147	170	15.55	6,580	7,771	8,753	155		
Pickett	16	17	21	22.59	3,564	3,897	4,659	92	Dickens	27	24	26	10.05	7,847	6,779	7,511	213		
Polk	75	83	93	13.13	5,639	6,065	6,899	55	Dimmit	48	54	68	25.79	4,150	4,781	6,027	247		
Putnam	262	296	334	13.10	5,658	6,178	6,954	44	Donley	44	40	36	-11.03	11,190	9,767	8,847	152		
Rhea	183	177	196	10.78	7,797	7,271	7,967	19	Duval	69	82	94	15.13	5,663	6,494	7,382	221		
Roane	259	273	303	11.12	5,441	5,622	6,199	68	Eastland	129	145	169	16.69	6,773	7,395	8,406	183		
Robertson	233	258	293	13.57	6,480	6,947	7,843	23	Ector	1,001	1,194	1,514	26.75	8,983	10,269	12,268	14		
Rutherford	552	613	706	15.15	6,794	7,251	8,230	12	Edwards	19	19	22	13.55	9,377	9,484	10,325	72		
Scott	87	96	108	12.23	4,545	5,016	5,556	80	Ellis	436	494	593	19.97	7,592	8,200	9,708	102		
Sequatchie	40	42	48	15.36	4,804	4,851	5,526	81	El Paso	2,863	3,197	3,659	14.42	6,061	6,631	7,360	223		
Sevier	244	272	307	12.86	6,081	6,535	7,250	34	Erath	154	177	209	18.03	7,091	7,776	8,976	144		
Shelby	6,366	7,095	7,770	9.51	8,282	9,125	9,942	3	Falls	137	130	145	11.20	7,939	7,207	8,106	193		
Smith	76	89	99	10.51	5,209	5,982	6,556	56	Fannin	157	164	193	17.73	6,640	6,701	8,067	196		
Stewart	47	53	63	20.33	5,387	6,106	7,211	35	Fayette	139	164	196	19.34	7,581	8,642	9,809	98		
Sullivan	1,117	1,219	1,383	13.46	7,853	8,466	9,601	4	Fisher	50	43	58	34.44	8,362	7,344	9,897	96		
Sumner	550	601	680	13.26	6,498	6,987	7,906	20	Floyd	97	84	99	17.78	10,109	8,548	10,079	88		
Tipton	186	197	227	14.80	5,646	6,044	6,749	50	Foard	27	21	23	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			Per- cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981		Millions of dollars			Per- cent change <sup>1</sup> 1980-81	Dollars			Rank in State 1981
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981	
Hardeman	51	51	55	9.71	8,148	7,914	8,458	180	Randall	641	685	792	15.54	8,813	9,040	10,052	91
Hardin	285	322	366	13.82	7,203	7,833	8,714	159	Reagan	40	41	52	27.54	10,528	9,789	11,588	31
Harris	25,414	29,946	35,445	18.36	10,872	12,326	13,911	6	Real	14	14	17	20.09	5,856	5,754	6,509	237
Harrison	343	398	452	13.73	6,688	7,567	8,381	185	Red River	84	91	108	17.80	5,292	5,666	6,759	233
Hartley	35	33	30	-7.75	9,059	8,156	7,352	224	Reeves	99	111	120	8.11	6,270	7,003	7,550	212
Haskell	74	60	73	22.98	9,714	7,697	9,492	119	Refugio	72	87	101	16.48	8,156	9,251	10,313	75
Hays	229	270	317	17.30	5,852	6,601	7,459	217	Roberts	23	14	12	-9.49	21,128	11,521	10,542	61
Hemphill	57	60	68	13.91	11,202	11,175	11,901	20	Robertson	88	104	117	12.12	5,993	7,093	7,996	199
Henderson	244	281	326	15.86	5,920	6,523	7,370	222	Rockwall	124	149	179	20.06	9,169	10,002	11,265	37
Hidalgo	1,202	1,391	1,648	18.48	4,364	4,873	5,606	251	Runnels	87	98	111	13.30	7,369	8,229	9,375	126
Hill	174	181	209	15.78	7,068	7,185	8,400	184	Rusk	299	341	401	17.42	7,276	8,227	9,519	115
Hockley	158	181	210	16.51	6,941	7,727	8,920	147	Sabine	52	57	63	10.86	6,055	6,524	7,311	226
Hood	119	141	178	26.52	7,218	7,771	9,451	122	San Augustine	49	52	59	14.35	5,624	5,894	6,624	235
Hopkins	159	183	209	13.84	6,412	7,230	8,109	192	San Jacinto	52	63	72	15.23	4,903	5,397	6,089	244
Houston	136	159	191	20.16	6,351	7,068	8,552	172	San Patricio	403	442	508	14.82	7,160	7,555	8,586	169
Howard	275	304	365	20.21	8,230	9,198	10,859	52	San Saba	39	41	46	13.44	7,132	7,622	8,662	210
Hudspeth	26	22	30	39.62	9,971	7,864	10,758	56	Schleicher	23	24	34	41.01	8,330	8,496	11,756	24
Hunt	389	446	517	15.87	7,179	8,036	9,015	142	Scurry	152	166	199	19.96	8,421	9,125	10,876	51
Hutchinson	255	288	353	22.76	9,955	10,875	12,815	8	Shackelford	36	38	48	27.49	9,616	9,624	12,158	15
Irion	10	12	15	28.74	7,770	8,375	9,680	104	Shelby	132	150	174	16.34	5,822	6,457	7,508	214
Jack	60	65	78	19.48	8,379	8,718	10,144	82	Sherman	39	40	41	4.46	12,175	12,602	12,779	9
Jackson	99	115	132	14.85	7,491	8,566	9,596	108	Smith	1,066	1,204	1,401	16.39	8,465	9,305	10,605	58
Jasper	206	244	273	11.74	6,908	7,882	8,564	171	Somervell	35	39	44	13.62	8,980	9,170	10,272	78
Jeff Davis	10	12	13	10.41	6,059	7,321	7,996	198	Starr	85	97	111	14.42	3,283	3,533	3,884	253
Jefferson	2,395	2,677	3,061	14.36	9,631	10,645	12,061	18	Stephens	79	84	102	20.42	8,215	8,447	9,836	97
Jim Hogg	33	39	46	17.71	6,731	7,551	8,889	149	Sterling	10	11	13	17.41	8,444	9,215	10,303	77
Jim Wells	245	288	344	19.53	6,879	7,851	9,286	131	Stonewall	20	19	25	37.62	8,482	7,645	10,534	62
Johnson	507	591	676	14.41	7,729	8,658	9,585	110	Sutton	10	52	60	14.46	8,653	10,041	10,988	47
Jones	138	136	161	17.72	8,036	7,887	9,208	132	Swisher	134	99	118	19.05	13,477	10,246	12,516	11
Karnes	85	103	116	12.67	6,434	7,523	8,464	179	Tarrant	7,765	8,961	10,239	14.26	9,298	10,329	11,219	39
Kaufman	293	338	387	14.59	7,800	8,580	9,571	112	Taylor	955	1,090	1,278	17.24	8,788	9,786	11,140	42
Kendall	99	114	135	18.11	9,549	10,607	12,105	16	Terrill	16	16	16	-3	10,153	9,769	9,371	127
Kennedy	7	7	8	6.67	12,105	14,013	15,680	5	Terry	125	116	155	34.29	8,584	7,986	10,843	54
Kent	8	8	9	15.65	6,302	6,676	7,467	216	Throckmorton	26	20	26	27.10	12,980	9,891	11,961	19
Kerr	24	278	323	16.11	8,717	9,567	11,095	44	Titus	177	203	237	16.44	8,417	9,427	10,857	53
Kimble	28	30	34	13.37	6,951	7,310	8,148	189	Tom Green	675	774	921	19.02	8,141	9,070	10,522	65
King	2	6	7	20.12	6,529	14,102	15,978	2	Travis	3,539	4,085	4,771	16.78	8,541	9,657	11,055	46
Kinney	16	15	17	13.32	7,106	6,587	7,402	240	Trinity	51	60	70	15.84	5,659	6,320	7,286	227
Kleberg	224	240	286	19.27	6,773	7,185	8,504	175	Tyler	94	108	120	10.46	5,993	6,637	7,278	228
Knox	56	48	60	22.88	10,540	9,132	11,288	38	Upshur	166	189	220	15.97	5,956	6,567	7,423	219
Lamar	270	310	343	10.61	6,535	7,322	8,090	194	Upton	41	44	59	33.50	9,092	9,572	12,651	10
Lamb	135	160	171	6.96	7,312	8,568	9,296	130	Uvalde	145	147	166	12.60	6,690	6,538	7,491	215
Lampasas	76	87	98	12.90	5,939	7,351	8,486	178	Val Verde	190	216	244	12.82	5,397	5,986	6,734	234
La Salle	25	28	33	16.92	4,496	5,151	5,948	249	Van Zandt	200	223	260	16.53	6,454	7,063	8,075	195
Lavaca	123	147	165	12.39	6,449	7,716	9,115	135	Victoria	567	663	808	21.93	8,490	9,548	11,359	32
Lee	75	87	113	29.62	7,545	7,833	9,023	141	Walker	217	250	291	16.15	5,395	5,926	6,841	232
Leon	65	71	87	23.17	6,964	7,322	8,742	157	Waller	119	136	166	21.47	6,753	6,806	7,987	200
Liberty	377	443	528	19.29	8,237	9,318	10,879	49	Ward	108	126	160	27.12	8,211	8,908	10,905	48
Limestone	118	136	162	19.16	5,921	6,706	7,922	204	Washington	182	214	258	20.35	8,402	9,690	11,345	33
Lipscomb	49	42	41	-2.17	14,650	10,999	9,125	134	Webb	465	541	634	17.18	4,798	5,417	6,148	243
Live Oak	58	70	87	23.21	6,710	7,179	8,691	162	Wharton	286	320	384	20.28	7,246	7,903	9,365	128
Llano	82	93	108	15.24	8,054	9,152	10,524	63	Wheeler	77	74	79	6.40	11,144	10,258	10,767	55
Loving	2	2	2	14.17	24,874	23,813	26,042	1	Wichita	1,078	1,225	1,421	16.03	8,889	10,133	11,669	26
Lubbock	1,658	1,874	2,072	10.57	7,899	8,838	9,655	105	Wilbarger	132	135	163	20.87	8,245	8,448	10,013	92
Lynn	61	58	66	23.92	7,146	6,163	7,722	208	Willacy	81	85	98	14.75	4,639	4,863	5,615	250
McCulloch	64	63	79	16.68	7,324	7,756	8,911	148	Williamson	503	599	710	18.62	7,096	7,664	8,749	156
McLennan	1,281	1,446	1,641	13.52	7,569	8,444	9,494	118	Wilson	78	89	109	22.20	4,934	5,275	6,524	236
McMullen	12	10	10	-3.66	15,151	13,295	12,395	12	Winkler	79	90	111	23.33	8,192	9,042	10,597	59
Madison	64	72	78	8.56	6,372	6,694	7,028	230	Wise	173	199	245	22.82	6,728	7,439	8,883	150
Marion	50	57	64	12.22	4,962	5,432	6,054	245	Wood	179	197	227	15.68	7,515	7,900	9,091	136
Martin	49	41	58	42.82	10,440	8,695	11,634	27	Yoakum	76	75	99	31.95	9,489	8,953	11,712	25
Mason	23	29	31	9.72	6,719	7,736	8,695	161	Young	174	192	230	19.58	9,681	10,009	11,775	23
Matagorda	285	326	374	14.81	7,842	8,492	9,472	120	Zapata	28	32	37	17.34	4,362	4,713	5,263	252
Maverick	95	115	124	8.23	3,203	3,605	3,741	254	Zavala	66	61	72	19.41	5,738	5,194	6,286	240
Medina	146	155	182	17.06	6,357	6,681	7,758	207	Utah	10,007	11,226	12,632	12.52	7,067	7,626	8,322	.....
Menard	22	22	23	5.02	9,215	9,302	9,947	93	Sum of SMSA counties	8,136	9,091	10,227	12.49	7,266	7,818	8,545	.....
Midland	936	1,162	1,455	25.18	11,865	13,921	16,467	3	Sum of non-SMSA counties	1,871	2,135	2,405	12.66	6,314	6,903	7,490	.....
Milam	170	195	215	10.52	7,709	8,497	9,424	124	Beaver	25	27	28	4.58	5,783	6,124	6,269	24
Mills	41	41	47	13.92	9,540	9,116	10,129	84	Box Elder	236	272	304	11.99	7,268	8,133	8,818	6
Mitchell	76	74	80	7.92	8,325	8,201	8,851	151	Cache	325	368	405	10.16	5,888	6,392	6,790	18
Montague	125	142	170	19.16	7,208	8,150	9,642	106	Carbon	177	200	230	14.58	8,009	8,992	10,262	1
Montgomery	1,065	1,268	1,561	23.09	8,719	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				Rank in State	Area title	Total personal income				Per capita personal income			
	Millions of dollars			Per cent change <sup>1</sup>	Dollars			Rank in State			Millions of dollars			Per cent change <sup>1</sup>	Dollars			Rank in State
	1979	1980	1981		1979	1980	1981				1979	1980	1981		1979	1980	1981	
Wasatch.....	52	61	75	22.48	6,231	7,146	8,044	12	Patrick.....	95	102	116	13.96	5,366	5,791	6,637	116	
Washington.....	136	158	178	12.92	5,648	5,935	6,493	20	Pittsylvania.....	360	388	459	18.41	5,425	5,854	6,930	106	
Wayne.....	11	12	13	8.11	6,140	6,454	6,128	25	Powhatan.....	73	83	91	10.20	5,641	6,300	6,782	110	
Weber.....	1,079	1,204	1,339	11.22	7,535	8,312	9,074	3	Prince Edward.....	94	101	112	10.57	5,725	6,156	6,730	112	
Vermont.....	3,600	3,988	4,499	12.80	7,118	7,789	8,726	.....	Prince George.....	139	154	169	10.15	5,375	5,951	6,447	123	
Sum of SMSA counties.....	889	998	1,143	14.55	7,850	8,612	9,704	.....	Prince William.....	1,216	1,382	1,561	12.93	8,511	9,502	10,234	31	
Sum of non-SMSA counties.....	2,711	2,991	3,356	11.70	6,907	7,548	8,437	.....	Pulaski.....	218	232	254	9.52	6,073	6,580	7,184	97	
Addison.....	186	207	231	11.70	6,526	6,986	7,839	10	Rappahannock.....	42	47	50	6.53	6,923	7,689	8,622	59	
Bennington.....	248	269	304	12.88	7,479	8,085	9,060	3	Richmond.....	41	45	54	19.88	6,022	6,419	7,753	79	
Caledonia.....	159	172	193	12.46	6,148	6,654	7,545	11	Roanoke.....	577	634	693	9.18	7,926	8,661	9,283	47	
Chittenden.....	889	998	1,143	14.55	7,850	8,612	9,704	11	Rockbridge.....	106	110	119	8.15	5,929	6,109	6,653	114	
Essex.....	34	38	42	9.16	5,687	5,974	6,888	13	Rockingham.....	382	432	457	5.93	6,660	7,563	7,843	74	
Franklin.....	225	247	280	13.34	6,609	7,082	7,937	9	Russell.....	172	191	206	7.78	5,479	5,979	6,391	125	
Grand Isle.....	28	32	36	12.58	6,426	6,773	7,957	8	Scott.....	150	155	178	14.99	5,924	6,166	7,068	102	
Lamoille.....	110	121	140	16.15	6,507	7,204	8,307	7	Shenandoah.....	181	200	218	9.43	6,624	7,216	7,880	72	
Orange.....	137	150	167	11.96	6,046	6,552	7,416	12	Smyth.....	185	201	220	9.66	5,469	6,023	6,576	119	
Orleans.....	132	141	156	10.43	5,771	6,027	6,823	14	Southampton.....	109	116	137	18.05	5,845	6,226	7,431	88	
Rutland.....	423	472	525	11.14	7,265	8,105	8,913	5	Spotsylvania.....	195	223	251	12.48	5,849	6,382	6,973	105	
Washington.....	385	425	478	12.40	7,424	8,114	9,005	4	Stafford.....	301	349	396	13.44	7,664	8,528	9,403	45	
Windham.....	260	287	322	12.14	7,081	7,773	8,534	6	Surry.....	34	36	44	20.98	5,691	6,024	7,159	98	
Windsor.....	385	431	483	12.15	7,598	8,438	9,386	2	Sussex.....	67	72	86	18.87	6,128	6,650	7,942	70	
Virginia.....	44,752	50,254	56,267	11.96	8,405	9,373	10,363	.....	Tazewell.....	367	406	444	9.29	7,240	8,023	8,778	58	
Sum of SMSA counties.....	34,212	38,643	43,365	12.22	9,254	10,353	11,439	.....	Warren.....	138	159	170	6.90	6,581	7,489	7,962	69	
Sum of non-SMSA counties.....	10,540	11,612	12,902	11.11	6,476	7,128	7,923	.....	Washington.....	252	272	309	13.68	5,515	5,821	6,441	124	
Accomack.....	203	215	251	16.73	6,449	6,870	8,106	67	Westmoreland.....	82	88	103	16.92	5,929	6,260	7,190	95	
Albemarle.....	392	454	504	10.99	7,120	8,075	8,896	54	Wise.....	335	366	393	7.23	7,626	8,350	8,941	53	
Alleghany.....	78	80	88	9.86	5,323	5,602	6,123	129	Wythe.....	155	170	189	11.15	6,117	6,637	7,404	89	
Amelia.....	50	53	59	12.11	5,983	6,295	7,443	87	York.....	269	307	349	13.71	7,757	8,582	9,181	49	
Amherst.....	179	189	203	7.57	6,181	6,443	6,897	107	Independent Cities:									
Appomattox.....	76	81	90	11.70	6,280	6,744	7,530	85	Alexandria.....	1,460	1,656	1,859	12.23	14,219	16,080	17,555	4	
Arlington.....	2,394	2,705	3,000	10.94	15,533	17,731	19,519	1	Bedford City.....	56	63	70	12.16	9,419	10,487	11,052	20	
Augusta.....	334	367	395	7.62	6,322	6,788	7,146	100	Bristol.....	150	162	178	10.02	7,793	8,498	9,628	41	
Bath.....	42	42	43	3.82	7,523	7,019	7,851	73	Buena Vista.....	43	44	49	13.21	6,327	6,474	7,388	90	
Bedford.....	224	248	261	5.18	6,525	7,049	7,302	92	Charlottesville.....	363	412	462	11.97	9,058	10,335	11,517	16	
Bland.....	31	33	38	13.66	4,843	5,229	5,891	131	Chesapeake.....	811	912	1,031	13.10	7,087	7,968	8,853	55	
Botetourt.....	144	163	182	11.50	6,242	6,975	7,495	86	Clifton Forge.....	44	45	47	6.02	8,571	8,903	9,598	42	
Brunswick.....	82	86	101	17.98	5,098	5,512	6,396	126	Colonial Heights.....	168	189	218	15.34	9,970	11,516	13,088	9	
Buchanan.....	278	311	348	12.03	7,277	8,185	9,070	50	Covington.....	85	94	99	5.48	9,314	10,331	11,059	19	
Buckingham.....	58	61	68	10.61	4,944	5,208	5,974	133	Danville.....	358	395	438	10.74	7,799	8,656	9,523	44	
Campbell.....	325	350	390	11.46	7,180	7,687	8,488	65	Emporia.....	44	49	56	14.18	8,995	10,113	10,826	23	
Caroline.....	113	124	137	10.94	6,119	6,904	7,599	83	Fairfax City.....	268	315	353	11.88	14,493	16,175	17,949	3	
Carroll.....	134	146	158	8.35	4,929	5,342	5,545	134	Falls Church.....	144	161	178	10.81	15,643	16,794	18,490	2	
Charles City.....	33	36	41	12.75	4,936	5,422	6,184	128	Franklin.....	70	79	88	11.66	9,467	10,829	11,672	14	
Charlotte.....	67	71	82	15.74	5,393	5,786	6,735	111	Fredericksburg.....	165	185	205	10.52	10,308	12,174	13,504	7	
Chesterfield.....	1,220	1,412	1,607	13.82	9,095	9,838	10,735	24	Galax.....	57	63	71	13.22	8,778	9,586	10,478	29	
Clarke.....	71	85	90	5.69	7,124	8,492	8,966	52	Hampton.....	997	1,124	1,246	10.90	8,031	9,189	10,172	32	
Craig.....	22	24	27	12.90	5,716	5,947	7,190	96	Harrisonburg.....	143	159	178	11.67	7,318	8,074	8,826	57	
Culpeper.....	160	181	200	10.40	6,978	7,982	8,849	56	Hopewell.....	191	216	233	7.93	8,089	8,282	9,662	40	
Cumberland.....	36	40	43	9.88	4,765	4,989	5,523	135	Lexington.....	56	60	67	12.04	7,628	8,166	9,230	48	
Dickenson.....	115	129	142	9.87	5,717	6,507	7,054	103	Lynchburg.....	543	608	672	10.55	8,083	9,107	10,068	33	
Dinwiddie.....	141	158	179	13.37	6,375	6,959	7,757	78	Manassas.....	160	190	215	13.15	11,031	12,116	13,223	8	
Essex.....	49	54	63	15.80	5,396	6,110	7,117	101	Manassas Park.....	52	57	61	6.40	7,781	8,841	9,888	37	
Fairfax.....	7,042	8,047	9,096	13.03	12,123	13,366	14,731	5	Martinsville.....	165	183	205	12.12	8,673	9,110	11,436	17	
Fauquier.....	282	321	356	11.01	8,034	8,867	9,820	38	Newport News.....	1,102	1,254	1,389	10.70	7,458	8,684	9,570	43	
Floyd.....	58	64	70	9.51	5,016	5,543	5,820	132	Norfolk.....	2,074	2,346	2,636	12.35	7,708	8,825	9,899	36	
Fluvanna.....	57	64	72	13.06	5,680	6,203	7,006	104	Norton.....	45	48	51	7.10	9,574	10,515	11,289	18	
Franklin.....	204	217	238	9.68	5,684	6,053	6,626	117	Petersburg.....	330	368	401	8.94	7,763	8,061	9,904	35	
Frederick.....	225	252	276	9.62	6,689	7,307	8,043	68	Poquoson.....	59	74	93	25.33	7,045	8,390	9,735	39	
Giles.....	111	123	136	10.81	6,139	6,917	7,714	80	Portsmouth.....	769	871	970	11.38	7,332	8,336	9,370	46	
Gloucester.....	143	158	179	12.83	7,239	7,801	8,503	63	Radford.....	85	94	101	8.09	6,440	7,072	7,548	84	
Goochland.....	87	95	107	12.24	7,433	8,047	9,042	51	Richmond.....	2,160	2,414	2,671	10.66	9,750	11,009	12,315	11	
Grayson.....	80	89	97	8.94	4,974	5,373	6,316	127	Roanoke.....	861	970	1,071	10.46	8,438	9,681	10,710	26	
Greene.....	39	44	49	11.87	5,238	5,707	6,498	121	Salem.....	212	237	264	11.39	8,707	9,901	11,019	22	
Greensville.....	47	48	57	18.27	4,342	4,410	5,159	136	South Boston.....	60	67	74	10.13	8,490	9,450	10,683	27	
Halifax.....	153	164	201	22.56	4,953	5,406	6,535	120	Staunton.....</									

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			Per- cent change <sup>1</sup>	Dollars			Rank in State		Millions of dollars			Per- cent change <sup>1</sup>	Dollars			Rank in State		
	1979	1980	1981		1979	1980	1981			1979	1980	1981		1979	1980	1981		1979	1980
					1980-81					1981					1980-81				
Lewis	474	524	586	11.81	8,819	9,450	10,599	14	Chippewa	351	393	432	9.86	6,835	7,568	8,232	43		
Lincoln	99	121	141	16.29	10,607	12,620	14,564	3	Clark	218	234	249	6.31	6,743	7,083	7,550	56		
Mason	238	269	300	11.30	7,953	8,551	9,446	32	Columbia	348	380	417	9.94	8,213	8,723	9,702	18		
Okanogan	252	272	299	9.79	8,424	8,857	9,679	25	Crawford	104	110	119	8.31	6,452	6,610	7,091	64		
Pacific	152	163	185	13.70	8,954	9,442	10,514	15	Dane	3,085	3,357	3,715	10.65	9,544	10,312	11,299	4		
Pend Oreille	49	53	61	15.07	8,829	6,114	6,959	39	Dodge	609	659	686	4.03	8,262	8,777	9,184	22		
Pierce	4,017	4,502	5,027	11.66	8,490	9,243	10,163	20	Door	208	222	247	10.93	8,515	8,822	9,845	15		
San Juan	70	81	94	16.13	9,167	10,151	11,294	9	Douglas	334	369	404	9.42	7,454	8,286	9,018	24		
Skagit	565	639	738	15.57	9,195	9,897	11,523	8	Dunn	220	230	249	7.93	6,567	6,648	7,134	63		
Skamania	53	63	66	4.97	7,054	7,843	8,392	35	Eau Claire	572	631	700	10.95	7,346	7,981	8,780	27		
									Florence	24	25	28	11.55	6,156	6,093	6,307	69		
Snohomish	2,747	3,088	3,428	11.02	8,494	9,071	9,750	23	Fond du Lac	720	770	835	8.45	8,165	8,613	9,324	21		
Spokane	2,735	3,051	3,397	11.34	8,166	8,915	9,835	22	Forest	45	49	55	11.23	5,086	5,406	6,002	71		
Stevens	192	204	227	11.44	7,160	6,930	7,913	37	Grant	402	415	439	5.75	7,857	7,970	8,469	38		
Thurston	1,123	1,264	1,414	11.92	9,425	10,078	10,923	10	Green	275	293	317	8.41	9,951	9,689	10,512	6		
Wahkiakum	32	33	35	8.22	8,400	8,523	9,495	29	Green Lake	155	164	179	8.93	8,415	8,891	9,842	16		
Walla Walla	399	459	501	8.97	8,612	8,661	10,494	16	Iowa	142	149	158	5.76	7,199	7,509	8,030	45		
Whatcom	858	931	1,031	10.72	8,224	8,701	9,451	31	Iron	42	44	49	12.44	6,332	6,489	7,152	61		
Whitman	268	328	368	12.28	6,845	8,192	9,162	33	Jackson	114	121	127	5.03	6,869	7,178	7,791	50		
Yakima	1,338	1,494	1,641	9.84	7,915	8,651	9,482	30	Jefferson	541	594	643	8.39	8,265	8,929	9,706	17		
									Juneau	137	157	174	11.11	6,696	7,382	8,451	39		
West Virginia	13,718	15,036	16,336	8.64	7,075	7,709	8,369	.....	Kenosha	1,151	1,250	1,267	1.37	9,351	10,128	10,003	13		
Sum of SMSA counties	5,930	6,412	6,990	9.02	8,256	8,867	9,666	.....	Kewaunee	146	157	169	8.28	7,546	7,983	8,664	34		
Sum of Non-SMSA counties	7,788	8,625	9,346	8.37	6,379	7,027	7,606	.....	La Crosse	734	828	911	10.02	7,976	9,054	9,930	14		
Barbour	100	111	119	7.75	6,169	6,619	7,081	31	Lafayette	145	144	151	4.76	8,280	8,259	8,827	29		
Berkeley	324	357	391	9.60	7,143	7,573	8,186	14	Langlade	124	139	157	13.28	6,309	6,908	7,946	47		
Boone	200	227	239	4.88	6,482	7,483	7,916	18	Lincoln	179	191	204	6.32	6,949	7,236	7,499	58		
Braxton	66	75	88	17.32	4,781	5,407	6,148	44	Manitowoc	675	723	782	8.17	8,186	8,681	9,368	20		
Brooke	247	261	286	9.86	8,106	8,358	8,990	6	Marathon	848	911	979	7.40	7,665	8,141	8,780	32		
Cabell	872	954	1,025	7.46	8,107	8,940	9,627	4	Marquette	283	310	343	10.85	7,467	7,814	8,588	35		
Calhoun	41	45	49	8.30	5,070	5,498	5,976	49	Marquette	72	78	87	12.38	6,447	6,585	7,304	60		
Clay	51	57	63	10.94	4,709	5,055	5,573	52	Milwaukee	9,400	10,221	11,038	7.99	9,670	10,576	11,402	3		
Doddridge	35	39	42	8.14	4,705	5,281	5,513	53	Monroe	248	283	307	8.50	7,193	8,000	8,808	30		
Fayette	360	386	426	10.31	6,174	6,680	7,486	26	Oconto	191	205	223	8.54	6,725	7,046	7,645	54		
Gilmer	43	48	56	17.49	5,295	5,695	6,576	42	Oneida	223	249	277	11.53	7,261	7,911	8,852	28		
Grant	56	66	70	6.69	5,607	6,430	6,835	38	Outagamie	1,123	1,239	1,348	8.83	8,878	9,567	10,369	9		
Greenbrier	227	247	265	7.28	6,143	6,541	7,027	32	Ozaukee	751	812	867	6.74	11,333	12,080	12,816	1		
Hampshire	79	84	91	8.24	5,371	5,627	5,943	50	Pepin	50	54	58	7.84	6,702	7,187	7,921	48		
Hancock	391	410	454	10.64	9,775	10,122	11,276	45	Pierce	230	244	258	5.82	7,468	7,792	8,330	41		
Hardy	55	59	61	3.52	5,551	5,923	6,144	1	Polk	220	237	264	11.29	7,010	7,264	8,248	42		
Harrison	577	620	678	9.38	7,445	7,983	8,687	8	Portage	407	451	490	8.58	7,259	7,801	8,558	37		
Jackson	187	210	231	10.33	7,504	8,068	8,664	9	Price	102	113	122	7.99	6,588	7,109	7,596	55		
Jefferson	198	221	243	9.89	6,821	7,229	7,758	20	Racine	1,639	1,749	1,851	5.87	9,517	10,064	10,549	5		
Kanawha	2,135	2,296	2,479	7.99	9,243	9,933	10,749	2	Richland	118	126	135	7.21	6,873	7,156	7,855	49		
Lewis	112	126	142	12.92	5,834	6,717	7,488	25	Rock	1,204	1,266	1,404	10.89	8,613	9,048	10,026	12		
Lincoln	114	125	137	9.36	4,891	5,277	5,766	51	Rusk	90	96	104	8.46	5,960	6,105	6,669	67		
Logan	330	379	394	8.71	6,433	7,155	7,829	19	St. Croix	322	348	386	10.83	7,594	7,862	8,962	26		
McDowell	329	359	365	1.61	6,439	7,254	7,592	24	Sauk	340	357	394	10.21	7,915	8,177	9,014	25		
Marion	482	533	576	8.23	7,305	8,111	8,853	7	Sawyer	72	80	90	12.12	5,711	6,157	6,970	65		
Marshall	295	302	335	10.94	7,173	7,253	8,084	16	Sheboygan	909	975	1,061	8.87	9,024	9,626	10,484	7		
Mason	179	186	191	2.49	6,757	6,863	6,945	33	Taylor	125	137	152	10.38	6,708	7,265	8,198	44		
Mercer	495	563	613	8.95	6,633	7,618	8,294	13	Trempealeau	176	187	200	7.08	6,788	7,115	7,693	53		
Mineral	154	172	187	8.73	5,736	6,311	6,771	39	Vernon	172	186	203	9.05	6,683	7,243	7,787	51		
Mingo	225	259	283	9.27	6,071	6,940	7,671	23	Vilas	109	108	121	11.58	6,036	6,512	7,435	59		
Monongalia	492	560	615	9.80	6,614	7,462	8,139	15	Walworth	554	605	659	8.99	7,777	8,427	9,087	23		
Monroe	66	74	79	7.38	5,252	5,743	6,136	46	Washburn	82	91	101	11.21	6,310	6,828	7,543	57		
Morgan	59	65	74	13.46	5,608	6,046	6,740	40	Washington	755	804	869	8.04	9,093	9,393	10,057	10		
Nicholas	177	202	218	7.69	6,320	7,172	7,727	21	Waukesha	3,046	3,281	3,573	8.89	11,231	11,601	12,375	2		
Ohio	527	572	631	10.36	8,514	9,348	10,390	3	Waupaca	299	332	362	9.24	7,059	7,690	8,563	36		
Pendleton	37	40	42	5.47	4,759	5,049	5,360	54	Wausara	115	121	134	10.09	6,369	6,493	7,151	62		
Pleasants	61	64	68	6.06	7,438	7,704	8,326	12	Winnebago	1,176	1,279	1,373	7.40	8,985	9,662	10,394	8		
Pocahontas	54	57	61	8.51	5,504	5,691	6,306	43	Wood	590	647	702	8.47	8,310	8,820	9,607	19		
Preston	182	198	222	12.18	6,081	6,483	7,219	29	Shawano (Incl. Menominee)	254	284	308	8.57	6,454	7,195	7,746	52		
Putnam	259	294	325	10.41	7,104	7,627	8,399	11	Wyoming	4,413	5,121	5,771	12.70	9,767	10,791	11,733	.....		
Raleigh	618	680	737	8.45	7,120	7,839	8,574	10	Sum of SMSA counties	870	1,006	1,137	12.99	12,732	13,882	14,979	.....		
Randolph	173	194	213	9.38	6,048	6,747	7,396	28	Sum of non-SMSA counties	3,543	4,115	4,635	12.63	9,238	10,234	11,141	.....		
Ritchie	68	69	80	16.11	5,505	6,018	6,853	36	Albany	214	252	283	12.26	7,454	8,683	9,359	19		
Roane	87	95	112	17.32	5,428	5,958	6,939	37	Big Horn	85	98	108	10.37	7,137	8,257	8,725	22		
Summers	81	89	96	7.54	5,195	5,619	6,101	47	Campbell	236	285	356	25.02	10,651	11,445	12,544	5		
Taylor	98	100	111	11.42	5,710	6,012	6,735	41	Carbon	213	250	268	7.01	10,489	11,264	11,856	8		
Tucker	44	49	52	6.56	5,057	5,668	5,985	48	Converse	127	153	170	10.46	10,199	10,664	11,206	12		
Tyler	70	80	88	10.56	6,218	7,028	7,700	22	Crook	51</									

# CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1979 edition of BUSINESS STATISTICS, biennial statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for \$9.50, stock no. 003-010-00089-9) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1975 through 1978, annually, 1947-78; for selected series, monthly or quarterly, 1947-78 (where available).

The sources of the series are given in the 1979 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 171-172. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.

## GENERAL BUSINESS INDICATORS

PERSONAL INCOME BY SOURCE †																	
Seasonally adjusted, at annual rates: †																	
Total personal income .....	bil. \$.	2,415.8	2,569.9	2,513.8	2,518.6	2,535.5	2,556.2	2,566.3	2,588.3	2,592.0	2,597.2	2,609.4	2,627.7	2,635.0	*2,641.7	*2,644.3	2,658.9
Wage and salary disbursements, total .....	do.	1,493.9	1,560.7	1,546.6	1,542.6	1,546.6	1,560.4	1,562.9	1,569.5	1,570.3	1,570.1	1,571.5	1,572.2	1,579.9	*1,596.1	*1,594.1	1,603.1
Commodity-producing industries, total .....	do.	510.8	509.9	517.1	512.2	511.6	515.1	514.1	513.0	510.3	507.3	503.0	500.9	500.7	*509.8	*509.5	510.2
Manufacturing .....	do.	386.4	382.6	387.6	384.1	383.9	386.4	386.7	385.8	384.0	381.5	377.2	375.5	374.5	*380.7	*382.9	385.6
Distributive industries .....	do.	361.4	376.0	373.0	371.4	372.5	376.9	376.8	378.1	378.9	378.2	378.3	377.6	380.6	*381.7	*379.2	384.3
Service industries .....	do.	338.6	372.5	360.1	361.4	363.7	368.5	370.7	374.3	378.2	381.0	382.7	384.5	387.7	*392.7	*392.1	394.3
Govt. and govt. enterprises .....	do.	283.1	302.3	296.4	297.6	298.8	300.0	301.2	304.2	302.8	303.6	307.5	309.2	310.8	*312.0	*313.2	314.4
Other labor income .....	do.	140.4	153.8	149.1	150.2	151.3	152.5	153.6	154.6	155.5	156.5	157.2	157.9	158.7	*159.6	*160.6	161.6
Proprietors' income: ‡																	
Farm .....	do.	24.0	19.0	17.3	16.3	16.9	17.3	18.0	17.3	16.6	16.0	17.1	27.7	27.5	*19.1	*18.3	17.8
Nonfarm .....	do.	100.7	101.3	98.4	98.8	99.3	100.3	100.2	100.9	101.7	102.5	104.2	105.3	104.9	*108.7	*110.0	111.4
Rental income of persons with capital consumption adjustment .....	bil. \$.	33.9	34.1	33.9	34.0	34.1	34.2	34.3	34.5	34.6	34.7	34.8	34.4	32.5	35.2	35.3	35.4
Dividends .....	do.	62.5	67.0	65.9	65.9	66.1	66.2	66.1	66.6	67.3	67.7	68.4	68.9	69.3	69.7	69.8	69.8
Personal interest income .....	do.	329.0	371.2	359.8	363.8	368.0	372.0	376.0	377.6	378.3	378.8	376.0	374.0	373.8	*375.3	*377.4	380.0
Transfer payments .....	do.	336.3	374.7	353.8	357.5	363.9	364.8	366.9	379.7	380.2	383.3	392.7	399.6	401.3	*394.5	*394.9	396.4
Less: Personal contrib. for social insur. ....	do.	104.9	111.7	110.9	110.6	110.8	111.6	111.7	112.4	112.5	112.4	112.4	112.4	112.8	116.4	*116.2	116.7
Total nonfarm income .....	do.	2,364.1	2,518.8	2,465.5	2,470.8	2,486.8	2,506.9	2,516.0	2,538.5	2,542.8	2,548.5	2,559.4	2,567.0	2,574.4	*2,589.4	*2,592.6	2,607.6
DISPOSITION OF PERSONAL INCOME *																	
Seasonally adjusted, at annual rates:																	
Total personal income .....	bil. \$.	2,415.8	2,569.9	2,513.8	2,518.6	2,535.5	2,556.2	2,566.3	2,588.3	2,592.0	2,597.2	2,609.4	2,627.7	2,635.0	*2,641.7	*2,644.3	2,658.9
Less: Personal tax and nontax payments .....	do.	386.7	397.2	396.3	394.2	389.1	403.7	410.7	393.5	395.3	394.6	397.5	399.0	402.6	*398.0	*402.2	404.0
Equals: Disposable personal income .....	do.	2,029.1	2,172.7	2,117.5	2,124.4	2,146.3	2,152.5	2,155.6	2,194.8	2,196.7	2,202.7	2,211.9	2,228.7	2,232.3	*2,243.8	*2,242.2	2,254.9
Less: Personal outlays .....	do.	1,898.9	2,030.5	1,986.9	1,981.1	1,993.9	2,013.1	2,014.4	2,033.8	2,041.3	2,063.1	2,075.3	2,095.8	2,101.5	*2,112.5	*2,112.5	2,120.3
Personal consumption expenditures .....	do.	1,843.2	1,971.1	1,928.3	1,922.4	1,934.8	1,954.0	1,954.7	1,974.1	1,981.5	2,003.2	2,015.5	2,035.9	2,041.1	*2,051.5	*2,051.4	2,059.0
Durable goods .....	do.	234.6	242.7	240.1	238.8	238.8	245.6	237.8	236.8	236.6	247.6	240.7	255.6	259.1	*259.8	*254.2	255.1
Nondurable goods .....	do.	734.5	762.1	755.9	745.4	747.0	759.2	758.9	767.9	767.7	769.5	777.2	773.9	776.1	*777.3	*777.0	775.0
Services .....	do.	874.1	966.3	932.3	938.2	949.1	949.1	958.0	969.4	977.3	986.0	997.6	1,006.4	1,006.0	*1,014.4	*1,020.2	1,028.9
Interest paid by consumers to business .....	do.	55.1	58.6	57.7	57.9	58.2	58.3	58.8	58.9	58.9	59.1	59.0	59.2	59.6	*60.0	*60.1	60.3
Personal transfer payments to foreigners (net) .....	do.	0.6	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0
Equals: personal saving .....	do.	130.2	142.2	130.6	143.3	152.4	139.4	141.2	161.0	155.4	139.5	136.6	132.9	130.8	*131.2	*129.7	134.6
Personal saving as percentage of disposable personal income .....	percent.	6.4	6.5	6.6	6.7	6.8	6.7	6.8	7.0	6.9	6.5	6.2	6.0	*5.9	*5.8	5.9	
Disposable personal income in constant (1972) dollars .....	bil. \$.	1,043.1	1,054.8	1,047.7	1,050.0	1,057.6	1,058.1	1,048.8	1,060.8	1,058.0	1,056.1	1,053.5	1,061.1	1,062.6	*1,063.8	*1,062.2	.....
Personal consumption expenditures in constant (1972) dollars .....	do.	947.7	956.9	954.1	950.1	953.4	960.5	951.0	954.1	954.4	960.4	960.0	969.3	971.6	*972.7	*971.8	.....
Durable goods .....	do.	140.0	138.8	139.0	138.0	137.7	141.5	135.8	134.9	134.5	140.0	136.3	145.5	146.7	*146.2	*143.6	.....
Nondurable goods .....	do.	362.4	365.0	365.5	361.4	362.7	367.8	362.9	366.1	366.0	365.5	367.4	366.4	368.9	*369.3	*370.2	.....
Services .....	do.	445.2	453.1	449.6	450.7	453.0	451.2	452.3	453.2	453.9	454.9	456.2	457.5	456.0	*457.1	*458.0	.....
Implicit price deflator for personal consumption expenditures .....	index, 1972=100.	194.5	206.0	202.1	202.3	202.9	203.4	205.5	206.9	207.6	208.6	210.0	210.0	210.1	*210.9	*211.1	.....
INDUSTRIAL PRODUCTION																	
Federal Reserve Board Index of Quantity Output																	
Not Seasonally Adjusted																	
Total index .....	1967=100.	151.0	138.6	142.7	142.0	139.4	138.5	141.8	136.2	140.5	141.2	138.5	134.8	*131.2	*133.3	*137.5	*139.5
By industry groupings:																	
Mining and utilities .....	do.	155.0	146.3	159.7	152.7	146.7	142.4	143.9	144.6	146.8	140.1	136.7	136.4	*140.7	*147.0	*142.9	*137.4
Manufacturing .....	do.	150.4	137.6	140.7	140.7	138.4	138.0	141.6	135.1	139.3	141.2	138.8	134.5	*129.6	*131.6	*137.2	*140.0
Nondurable manufactures .....	do.	164.8	156.2	156.6	156.6	154.7	154.5	159.9	152.9	161.9	164.1	162.4	155.7	*147.5	*149.8	*156.0	*158.8
Durable manufactures .....	do.	140.5	124.7	129.7	129.7	127.1	126.6	128.9	122.7	123.7	125.4	122.5	119.9	*117.2	*119.0	*124.2	*127.1
Seasonally Adjusted																	
Total index .....	do.	151.0	138.6	142.9	141.7	140.2	139.2	138.7	138.8	138.4	137.3	135.7	134.9	135.2	*137.2	*137.6	*139.1
By market groupings:																	
Products, total .....	do.	150.6	141.8	144.6	143.7	142.9	142.3	142.1	142.6	142.0	140.8	139.3	139.0	*139.9	*140.7	*140.5	*141.7
Final products .....	do.	149.5	141.5	144.1	143.3	142.6	142.2	142.1	142.5	141.2	140.0	138.7	138.3	139.5	*140.0	*139.6	*140.5
Consumer goods .....	do.	147.9	142.6	141.8	141.5	142.1	143.6	144.8	145.8	144.1	143.4	142.2	141.3	*142.0	*143.6	*144.2	*145.3

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.

## GENERAL BUSINESS INDICATORS—Continued

INDUSTRIAL PRODUCTION—Continued																
Seasonally Adjusted—Continued																
By market groupings—Continued																
Final products—Continued																
Durable consumer goods ..... 1967=100..	140.5	*129.2	125.9	128.1	130.7	132.6	134.6	137.3	132.9	131.3	126.5	124.6	*125.9	*131.6	*134.0	*134.3
Automotive products..... do.....	137.9	129.5	117.5	125.0	129.9	138.9	143.0	149.7	135.5	135.5	123.6	120.7	128.7	*136.2	*145.5	*142.4
Autos and utility vehicles..... do.....	111.2	99.0	82.0	93.6	100.5	111.8	117.1	127.7	107.1	105.8	89.6	86.9	99.0	107.0	*120.8	*116.4
Autos..... do.....	103.4	86.6	70.5	79.8	87.2	96.1	101.9	114.6	93.3	94.3	79.5	77.7	87.9	97.1	*107.3	*99.9
Home goods..... do.....	142.0	*129.1	130.6	129.9	131.1	129.1	129.9	130.4	131.4	128.9	128.1	126.8	*124.3	*129.1	*127.6	*129.7
Nondurable consumer goods..... do.....	150.9	148.0	148.1	146.8	146.6	147.9	148.8	149.1	148.6	148.2	148.5	147.9	*148.4	*148.3	*148.3	*149.6
Clothing..... do.....	119.8															
Consumer staples..... do.....	159.5	159.0	159.2	158.1	158.3	159.0	159.9	159.7	159.4	158.8	159.1	158.1	158.8	*158.5	*158.6	*160.0
Consumer foods and tobacco..... do.....	150.3	149.7	151.1	149.6	148.1	149.9	150.9	149.9	149.6	148.6	150.2	149.0	*149.5	*150.5	*151.2	*151.2
Nonfood staples..... do.....	170.0	169.7	168.7	168.0	170.0	169.5	170.4	171.2	170.8	170.7	169.5	168.7	*169.6	*167.7	*167.2	*169.4
Equipment..... do.....	151.8	139.8	147.3	145.9	143.4	140.4	138.4	138.0	137.3	135.2	134.0	134.2	*136.1	135.2	*133.3	*134.0
Business equipment..... do.....	181.1	157.9	171.6	169.0	164.9	159.9	156.7	154.9	153.9	150.5	147.1	146.4	*148.1	*146.5	*143.3	*143.9
Industrial equipment #..... do.....	166.4	*134.9	155.9	151.2	145.9	138.9	134.0	131.3	128.4	123.8	118.3	117.2	*117.9	*118.2	*114.4	*113.8
Building and mining equip. do.....	286.2	214.2	274.9	256.9	242.2	224.4	209.0	200.4	190.8	182.1	169.3	165.7	*171.9	*173.8	*153.6	*145.7
Manufacturing equipment..... do.....	127.9	107.2	116.8	116.3	114.0	109.7	107.5	106.0	104.4	101.6	98.0	97.5	97.0	*97.3	*97.8	*99.0
Commercial, transit, farm eq. # do.....	198.0	184.4	189.9	189.5	186.9	184.1	183.0	182.2	183.3	181.4	180.5	180.2	*183.0	*179.2	*176.7	*178.7
Commercial equipment..... do.....	258.7	253.5	256.4	257.8	253.1	247.7	247.5	248.8	253.5	254.0	253.5	254.8	258.6	*254.9	*251.6	*253.6
Transit equipment..... do.....	125.4	*103.9	110.4	110.5	110.9	110.9	108.3	106.3	102.0	95.5	93.2	92.3	*96.2	*90.8	*88.6	*91.1
Defense and space equipment..... do.....	102.7	109.4	106.5	107.0	107.2	107.7	107.6	109.5	109.5	109.5	111.9	113.6	*115.9	*116.1	*116.5	*117.4
Intermediate products..... do.....	154.4	143.3	146.3	145.2	143.7	142.6	141.9	142.8	144.7	143.7	141.6	141.8	*141.5	*143.3	*143.9	*146.2
Construction supplies..... do.....	141.9	124.3	127.5	125.6	123.6	122.2	123.1	124.1	127.1	125.5	122.5	123.4	*123.0	*127.0	*128.2	*131.5
Business supplies..... do.....	166.7	*162.1	165.1	164.6	163.7	162.8	160.6	161.4	162.1	161.8	160.5	160.1	*159.8	*159.6	*159.5	*159.5
Materials..... do.....	151.6	133.7	140.4	138.5	136.2	134.3	133.5	133.0	132.8	132.0	130.0	128.4	127.8	*131.7	*133.2	*135.0
Durable goods materials..... do.....	149.1	125.0	132.4	130.7	128.1	126.6	126.6	126.0	125.1	123.0	118.5	116.4	*116.5	*121.2	*123.7	*126.7
Nondurable goods materials..... do.....	174.6	157.5	164.2	162.0	160.3	156.6	153.5	152.3	154.5	158.5	158.2	157.3	*155.6	*159.0	*159.9	*161.7
Energy materials..... do.....	129.0	*125.1	130.3	128.2	125.8	125.4	125.4	126.0	124.5	121.0	122.6	121.4	*120.4	*123.4	*122.9	*122.1
By industry groupings:																
Mining and utilities..... do.....	155.0	146.3	155.6	153.1	151.6	148.8	145.2	142.6	141.3	139.7	140.4	140.4	*140.1	*141.1	*138.6	*138.3
Mining..... do.....	142.2	*126.1	142.4	138.1	134.1	128.9	123.5	120.1	116.9	114.7	115.9	116.8	*118.4	*121.4	*115.8	*113.6
Metal mining..... do.....	123.1	*82.4	120.8	109.9	108.8	90.0	71.8	58.1	53.4	55.4	63.1	70.4	*74.9	*81.0	*83.2	.....
Coal..... do.....	141.3	142.7	156.0	155.6	146.2	149.2	144.4	140.3	135.8	127.9	143.2	134.1	129.7	144.8	*136.5	*127.3
Oil and gas extraction #..... do.....	146.8	131.1	146.6	141.4	137.7	132.7	129.1	127.0	123.3	121.0	119.1	120.3	*122.9	124.0	*116.7	*114.3
Crude oil..... do.....	95.1	95.1	94.7	94.2	95.9	95.2	95.7	95.0	95.0	94.9	93.9	94.6	*95.1	*96.5	*95.1	.....
Natural gas..... do.....	111.8	104.1	108.8	107.8	107.2	102.8	102.3	102.8	99.5	101.3	104.2	103.5	96.8	.....	.....	.....
Stone and earth minerals..... do.....	129.4	112.1	120.5	121.6	119.6	114.6	106.6	103.8	105.7	106.3	108.5	111.9	*111.7	*112.8	*114.3	.....
Utilities..... do.....	169.1	*168.7	170.4	170.0	171.0	170.9	169.4	167.7	168.5	167.5	167.8	166.7	*164.2	*163.1	*164.1	*165.9
Electric..... do.....	190.9	190.5	192.5	191.7	193.1	193.4	191.6	189.2	189.9	188.2	188.4	188.3	185.6	*184.5	*186.0	*188.4
Manufacturing..... do.....	150.4	137.6	140.9	140.1	138.7	137.9	137.7	138.1	138.0	137.1	135.0	134.0	134.5	*136.6	*137.4	*139.2
Nondurable manufactures..... do.....	164.8	156.2	157.8	157.3	156.1	155.0	155.3	155.7	156.9	156.7	156.2	155.3	*155.6	*157.3	*157.5	*159.2
Foods..... do.....	152.1	151.1	151.7	150.8	149.7	150.5	151.0	151.0	150.7	149.0	151.5	152.0	*152.8	154.4	.....	.....
Tobacco products..... do.....	122.2	118.0	126.7	126.7	116.1	118.6	123.6	121.4	120.6	113.3	110.6	113.0	109.9	104.7	.....	.....
Textile mill products..... do.....	135.7	*124.5	125.8	126.0	126.3	123.5	123.7	124.3	125.9	126.1	125.9	123.1	*122.2	*125.8	*128.8	.....
Apparel products..... do.....	120.4															
Paper and products..... do.....	155.0	150.8	151.5	150.6	149.8	146.5	146.8	147.0	152.5	154.3	155.0	154.5	151.1	*158.8	*155.7	*155.4
Printing and publishing..... do.....	144.2	*144.1	146.4	145.9	144.2	143.8	142.6	143.9	145.3	144.3	142.0	141.7	*142.8	*141.4	*142.5	*145.3
Chemicals and products..... do.....	215.6	196.1	201.3	200.3	198.6	193.6	193.2	194.1	195.6	196.4	194.1	192.8	*195.9	*196.0	*196.6	.....
Petroleum products..... do.....	129.7	121.8	119.5	121.3	120.8	122.2	124.3	124.7	121.4	122.6	123.8	120.0	*118.7	*117.8	*115.7	*118.8
Rubber and plastics products..... do.....	274.0	254.7	251.8	253.4	255.1	257.0	258.9	256.8	261.1	262.0	256.3	250.2	249.7	*256.2	*258.9	.....
Leather and products..... do.....	69.3	60.9	64.0	61.2	60.6	61.1	62.3	62.9	60.8	60.9	59.5	57.7	56.0	59.5	*60.4	.....
Durable manufactures..... do.....	140.5	124.7	129.3	128.2	126.7	126.1	125.5	125.9	124.9	123.5	120.3	119.3	*119.9	*122.3	*123.5	*125.3
Ordnance, pvt. and govt. do.....	81.1	86.9	83.8	83.8	85.2	86.3	86.5	87.1	86.5	86.9	89.5	91.9	92.5	*93.5	*93.0	*93.5
Lumber and products..... do.....	119.1	112.6	104.9	103.5	106.2	110.6	112.2	116.9	120.3	119.9	117.2	119.1	121.4	*130.0	*132.4	.....
Furniture and fixtures..... do.....	157.2	151.9	148.4	150.2	151.8	151.1	152.5	154.5	156.7	155.7	154.3	152.4	*153.7	*150.0	*151.0	.....
Clay, glass, and stone products..... do.....	147.9	128.2	135.0	131.5	127.0	125.0	126.1	126.9	128.8	130.4	128.1	127.3	125.4	*127.9	*131.3	.....
Primary metals..... do.....	107.9	*75.3	88.5	83.0	76.4	75.2	72.8	72.9	72.9	73.2	69.6	63.6	*63.5	*72.9	*76.6	*79.0
Iron and steel..... do.....	99.8	61.7	78.5	73.0	65.1	62.4	58.0	58.1	57.4	56.4	54.1	47.5	*46.6	*59.0	*64.8	.....
Nonferrous metals..... do.....	122.4	*99.7	106.7	100.7	95.9	97.0	98.9	102.9	100.3	106.2	95.5	92.2	*94.2	*99.2	*98.1	.....
Fabricated metal products..... do.....	136.4	114.8	121.4	121.1	119.1	115.8	115.0	115.5	114.3	112.3	107.6	107.0	107.3	*107.6	*109.6	*111.8
Nonelectrical machinery..... do.....	171.2	149.0	160.0	157.3	153.7	150.0	147.4	147.1	147.2	144.9	140.4	139.6	*139.2	*138.0	*135.7	*137.8
Electrical machinery..... do.....	178.4	169.3	172.9	172.6	172.2	170.9	170.8	170.3	169.7	167.0	165.4	165.5	*165.5	*169.5	*169.4	*171.6
Transportation equipment..... do.....	116.1	104.9	102.0	104.4	105.9	110.0	111.6	112.7	107.0	105.3	100.8	100.2	103.7	*105.8	*109.9	*110.2
Motor vehicles and parts..... do.....	122.3	109.8	98.6	105.6	110.7	119.8	124.0	127.2	116.7	113.5	103.0	101.7	108.8	*113.3	*123.0	*122.5
Instruments..... do.....	170.3	161.9	164.5	163.0	162.8	163.8	164.8	165.2	165.5	161.9	157.4	155.8	155.2	*154.5	*154.0	*155.8
BUSINESS SALES																
Mfg. and trade sales (unadj.), total †..... mil. \$.	4,207,460	4,079,000	*325,665	355,915	343,372	347,636	356,134	329,795	336,983	345,243	340,220	338,448	353,587	*313,928	321,247	.....
Mfg. and trade sales (seas. adj.), total †..... do.....	*4,207,460	*4,079,000	*343,090	342,121	339,835	349,096	346,126	344,603	339,464	339,470	332,537	335,804	*336,663	*343,677	339,132	.....
Manufacturing, total †..... do.....	*1,994,593	*1,885,967	158,142	157,517	156,114	160,828	161,519	161,382	158,619	159,278	152,473	152,343	152,815	*156,592	155,950	.....
Durable goods industries..... do.....	1,000,995	918,223	77,976	78,124	77,136	79,518	78,888	79,036	77,248	76,562	72,342	72,708	73,373	*77,251	77,393	.....
Nondurable goods industries..... do.....	993,593	967,741	80,167	79,394	78,978	81,310	82,631	82,346	81,371	82,716	80,131	79,635	79,442	*79,341	78,557	.....
Retail trade, total †..... do.....	*1,047,573	*1,075,679	*88,049	*87,701	*88,468	*90,813	*88,603	*89,469	*89							

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982		1982									1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

GENERAL BUSINESS INDICATORS—Continued

BUSINESS INVENTORIES															
Mfg. and trade inventories, book value, end of year or month (unadj.), total † mil. \$.	513,530	498,682	*521,368	517,710	512,689	513,132	512,799	511,302	509,661	511,150	516,744	514,563	498,682	*504,096	507,129
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total † mil. \$.	519,394	504,279	*522,038	513,054	515,074	510,517	512,981	513,387	514,554	515,399	514,224	508,630	*512,252	*507,557	508,076
Manufacturing, total † do.	283,152	265,212	281,688	280,065	278,985	276,449	275,115	274,914	274,302	272,474	271,710	269,297	265,212	*262,124	261,643
Durable goods industries do.	188,429	176,975	187,121	186,063	185,916	184,870	184,289	183,798	183,550	182,793	181,843	179,324	176,975	*174,005	173,537
Nondurable goods industries do.	94,723	88,237	94,567	94,002	93,070	91,579	90,826	91,116	90,752	89,681	89,867	89,973	88,237	*88,119	88,106
Retail trade, total † do.	*126,833	*128,250	*125,321	*125,242	*125,479	*124,631	*126,300	*126,662	*128,258	*129,788	*128,849	*127,619	*128,250	*128,131	130,221
Durable goods stores do.	*59,095	*59,597	*57,918	*57,698	*57,890	*57,039	*58,225	*58,888	*60,204	*61,668	*60,581	*59,417	*59,597	*59,521	61,489
Nondurable goods stores do.	*67,738	*68,653	*67,403	*67,544	*67,589	*67,592	*68,075	*67,774	*68,054	*68,120	*68,268	*68,202	*68,653	*68,610	68,732
Merchant wholesalers, total @ do.	*116,986	*118,790	*115,029	*115,861	*119,423	*118,132	*119,828	*119,854	*119,190	*119,537	*120,162	*118,349	*118,790	*117,564	116,212
Durable goods establishments do.	*76,674	*78,514	*76,227	*77,011	*79,167	*77,214	*78,481	*79,613	*79,240	*79,811	*80,567	*78,752	*78,514	*77,571	75,944
Nondurable goods establishments do.	*40,312	*40,276	*38,802	*38,850	*40,256	*40,918	*41,347	*40,241	*39,950	*39,726	*39,595	*39,597	*40,276	*39,993	40,268
Mfg. and trade inventories in constant(1972)dollars, end of year or month(seas adj.),total* bil. \$.			266.5	266.0	266.5	264.5	265.2	265.6	265.5	266.0	265.2	262.3	261.0	*258.5	258.2
Manufacturing * do.			146.9	146.4	146.0	145.3	144.6	144.4	144.0	143.3	142.6	141.0	139.7	*137.9	137.7
Retail trade * do.			65.0	65.1	65.2	64.7	65.4	65.5	66.4	67.2	66.9	65.9	65.9	*65.5	66.4
Merchant wholesalers * do.			54.5	54.5	55.4	55.2	55.6	55.6	55.0	55.5	55.8	55.3	55.4	*55.0	54.1
BUSINESS INVENTORY-SALES RATIOS															
Manufacturing and trade, total † ratio.	1.43	1.51	*1.52	1.50	1.52	1.46	1.48	1.49	1.52	1.52	1.55	1.52	*1.52	*1.48	1.50
Manufacturing, total † do.	1.66	1.76	1.78	1.78	1.79	1.72	1.70	1.70	1.73	1.71	1.78	1.77	1.74	*1.67	1.68
Durable goods industries do.	2.19	2.41	2.40	2.38	2.41	2.32	2.34	2.33	2.38	2.39	2.51	2.47	2.41	*2.25	2.24
Materials and supplies do.	0.69	0.73	0.74	0.73	0.74	0.71	0.71	0.71	0.71	0.71	0.75	0.74	0.72	*0.67	0.66
Work in process do.	0.97	1.06	1.05	1.05	1.06	1.02	1.03	1.01	1.04	1.05	1.11	1.10	1.08	*1.01	1.01
Finished goods do.	0.53	0.62	0.60	0.61	0.61	0.60	0.60	0.60	0.62	0.62	0.66	0.63	0.61	*0.57	0.57
Nondurable goods industries do.	1.13	1.14	1.18	1.18	1.18	1.13	1.10	1.11	1.12	1.08	1.12	1.13	1.11	*1.11	1.12
Materials and supplies do.	0.45	0.46	0.47	0.47	0.47	0.46	0.44	0.45	0.45	0.43	0.44	0.45	0.45	*0.45	0.45
Work in process do.	0.19	0.19	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.18	*0.18	0.19
Finished goods do.	0.48	0.49	0.51	0.52	0.51	0.48	0.47	0.47	0.48	0.47	0.49	0.49	0.48	*0.48	0.49
Retail trade, total † do.	*1.40	*1.42	*1.42	*1.43	*1.42	*1.37	*1.43	*1.42	1.44	1.44	1.42	*1.38	*1.39	1.39	1.43
Durable goods stores do.	*2.17	*2.20	*2.22	*2.22	*2.17	*2.03	*2.23	*2.25	*2.33	*2.32	*2.23	*2.07	*2.07	*2.11	2.25
Nondurable goods stores do.	*1.06	*1.08	*1.08	*1.09	*1.09	1.08	*1.09	1.07	1.08	*1.08	*1.07	*1.07	*1.08	*1.06	1.08
Merchant wholesalers, total @ do.	*1.13	*1.24	*1.19	*1.17	*1.23	*1.19	*1.22	*1.25	*1.26	*1.29	*1.31	*1.29	*1.30	*1.24	1.26
Durable goods establishments do.	*1.74	*2.06	*1.92	*1.96	*2.05	*2.04	*2.08	*2.11	*2.14	*2.12	*2.14	*2.08	*2.08	*1.96	2.03
Nondurable goods establishments do.	*0.69	*0.70	*0.68	*0.65	*0.68	*0.67	*0.69	*0.69	*0.70	*0.72	*0.73	*0.73	*0.75	0.72	0.74
Manufacturing and trade in constant (1972) dollars, total * do.			1.72	1.71	1.74	1.68	1.71	1.71	1.73	1.73	1.77	1.73	1.72	*1.66	1.68
Manufacturing * do.			2.09	2.09	2.11	2.05	2.04	2.05	2.07	2.06	2.15	2.12	2.08	*1.99	1.99
Retail trade * do.			1.41	1.42	1.42	1.37	1.44	1.43	1.46	1.46	1.45	1.39	1.40	1.39	1.42
Merchant wholesalers * do.			1.40	1.38	1.44	1.38	1.41	1.44	1.44	1.47	1.50	1.46	1.47	*1.40	1.43
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS															
Shipments (not seas. adj.), total † mil. \$.	1,994,593	1,885,967	160,220	165,832	158,058	161,541	169,159	147,553	155,187	165,584	157,882	151,967	148,554	*145,179	157,617
Durable goods industries, total do.	1,000,995	918,223	78,829	83,776	79,101	80,485	84,307	70,361	73,374	79,908	75,845	72,301	71,331	*69,843	78,000
Stone, clay, and glass products do.	49,141	45,324	3,543	3,871	3,801	3,923	4,166	3,708	3,957	4,107	4,021	3,685	3,307	*3,443	3,613
Primary metals do.	136,841	102,491	10,046	9,742	9,507	8,951	8,981	7,481	7,951	8,310	7,797	7,041	7,052	*7,643	8,399
Blast furnaces, steel mills do.	69,188	46,517	5,051	4,813	4,440	3,974	4,120	3,291	3,413	3,554	3,077	2,942	3,007	*3,164	3,301
Fabricated metal products do.	123,276	114,330	9,528	10,319	9,978	10,244	10,531	9,126	9,746	9,876	9,391	8,928	8,306	*8,516	9,501
Machinery, except electrical do.	203,732	184,379	16,964	18,032	15,602	15,810	16,815	13,619	13,925	15,845	14,204	14,015	15,095	*12,589	13,862
Electrical machinery do.	137,866	137,958	11,689	12,094	11,622	11,716	12,354	10,654	11,131	12,076	11,708	11,281	11,226	*10,839	11,943
Transportation equipment do.	202,990	192,783	15,524	17,362	16,889	18,004	18,983	14,767	14,616	16,825	16,183	15,548	15,445	*16,044	16,956
Motor vehicles and parts do.	114,872	109,813	8,521	9,905	10,297	10,682	11,361	8,412	8,483	9,799	9,223	8,535	7,616	*9,735	11,552
Instruments and related products do.	47,527	46,694	3,832	4,171	3,758	3,936	4,285	3,519	3,873	4,316	3,895	3,853	3,878	*3,513	3,752
Nondurable goods industries, total do.	993,593	967,741	81,391	82,055	78,957	81,056	84,852	77,192	81,813	85,676	82,037	79,666	77,223	*75,336	79,617
Food and kindred products do.	269,124	271,635	22,814	23,140	21,813	22,721	23,812	21,657	22,335	24,298	23,207	22,830	22,430	*21,212	22,988
Tobacco products do.	13,000	14,391	1,069	1,061	1,153	1,140	1,388	1,024	1,279	1,492	1,260	1,103	1,341	*1,041	1,116
Textile mill products do.	52,269	49,615	4,135	4,625	4,070	4,209	4,547	3,412	4,259	4,469	4,292	4,035	4,012	*3,621	4,100
Paper and allied products do.	79,489	78,162	6,782	6,915	6,538	6,447	6,727	6,080	6,721	6,684	6,598	6,278	5,976	*6,445	6,655
Chemical and allied products do.	175,123	169,094	14,369	15,176	14,542	14,629	15,360	12,960	13,977	14,840	13,164	13,163	13,556	*13,675	14,903
Petroleum and coal products do.	220,326	201,965	16,547	15,533	16,194	17,287	17,770	17,341	17,006	17,443	17,098	16,429	16,022	*14,909	14,176
Rubber and plastics products do.	46,504	42,687	3,669	3,607	3,648	3,592	3,898	3,469	3,682	3,778	3,699	3,264	3,007	*3,317	3,534
Shipments (seas. adj.), total † do.			158,142	157,517	156,114	160,828	161,519	161,382	158,619	159,278	152,473	152,343	152,815	*156,592	155,950
By industry group:															
Durable goods industries, total # do.			77,976	78,124	77,136	79,518	78,888	79,036	77,248	76,562	72,342	72,708	73,373	*77,251	77,393
Stone, clay, and glass products do.			3,795	3,821	3,728	3,863	3,834	3,764	3,730	3,800	3,720	3,709	3,697	*4,136	3,868
Primary metals do.			9,572	8,829	8,953	8,682	8,598	8,443	8,383	8,250	7,689	7,315	7,565	*7,961	7,966
Blast furnaces, steel mills do.			4,812	4,254	4,156	3,904	3,989	3,685	3,654	3,597	3,065	3,061	3,148	*3,276	3,180
Fabricated metal products do.			9,557	9,765	9,750	10,096	9,890	9,965	9,680	9,520	8,921	9,108	8,794	*9,414	9,559
Machinery, except electrical do.			16,587	16,570	15,432	15,899	15,488	14,879	14,847	15,402	14,044	14,535	14,352	*14,033	13,631
Electrical machinery do.			11,451	11,508	11,677	11,912	11,639	12,108	11,434	11,452	11,220	11,163	11,340	*11,689	11,711
Transportation equipment do.			15,152	15,805	15,945	17,314	17,573	17,806	17,589	16,292	15,053	15,088	16,051	*17,552	18,545
Motor vehicles and parts do.			8,241	8,829	9,509	10,109	10,420	10,918							

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>GENERAL BUSINESS INDICATORS—Continued</b>															
<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued</b>															
Shipments (seas. adj.) †—Continued															
By market category: †															
Home goods and apparel..... mil. \$.	'136,414	'130,872	11,176	11,208	10,708	10,803	10,858	11,328	11,242	11,149	10,909	10,636	10,313	'11,217	11,286
Consumer staples..... do.....	'349,263	'362,425	29,970	29,753	29,578	30,310	31,043	30,660	30,207	31,361	29,943	30,176	30,388	'30,701	30,966
Equipment and defense prod., exc. auto..... do.....	'306,926	'293,793	25,566	25,623	23,997	25,056	24,451	24,146	23,766	24,682	23,707	23,794	24,531	'23,576	23,283
Automotive equipment..... do.....	'134,995	'127,742	9,769	10,332	11,002	11,661	11,974	12,456	12,494	10,983	9,315	9,564	10,110	'12,048	13,134
Construction materials and supplies..... do.....	'152,654	'140,064	11,400	11,738	11,446	12,058	11,720	12,102	11,899	11,787	11,537	11,555	11,267	'12,817	12,385
Other materials and supplies..... do.....	'914,313	'831,061	70,261	68,862	69,383	70,940	71,473	70,690	69,011	69,316	67,062	66,618	66,206	'66,233	64,896
Supplementary series:															
Household durables..... do.....	'61,299	'58,005	4,876	4,982	4,897	4,808	4,904	5,133	4,799	5,008	4,835	4,676	4,419	'4,988	4,863
Capital goods industries..... do.....	'344,644	'327,694	28,417	28,549	26,869	28,140	27,727	27,283	26,423	27,130	26,297	26,392	27,053	'26,256	26,102
Nondefense..... do.....	'297,715	'271,715	24,043	24,060	22,599	23,471	22,906	22,483	21,776	22,271	21,372	21,441	21,953	'21,214	20,979
Defense..... do.....	'46,927	'55,975	4,374	4,490	4,271	4,669	4,821	4,800	4,647	4,859	4,925	4,951	5,100	'5,042	5,123
Inventories, end of year or month: †															
Book value (unadjusted), total..... do.....	280,131	262,303	283,594	282,050	282,017	279,391	276,281	274,487	273,292	269,830	269,002	266,658	262,303	'262,741	263,340
Durable goods industries, total..... do.....	185,584	174,239	188,756	188,026	188,253	187,287	185,442	183,859	183,110	180,765	179,415	177,112	174,239	'173,886	174,996
Non-durable goods industries, total..... do.....	94,547	88,064	94,838	94,024	93,764	92,104	90,839	90,628	90,182	89,065	89,587	89,546	88,064	'88,855	88,344
Book value (seasonally adjusted), total †..... do.....	283,152	265,212	281,688	280,065	278,985	276,449	275,115	274,914	274,302	272,474	271,710	269,297	265,212	'262,124	261,643
By industry group:															
Durable goods industries, total #..... do.....	188,429	176,975	187,121	186,063	185,916	184,870	184,289	183,798	183,550	182,793	181,843	179,324	176,975	'174,005	173,537
Stone, clay, and glass products..... do.....	6,792	6,287	6,629	6,544	6,479	6,429	6,382	6,318	6,396	6,332	6,413	6,361	6,287	'5,983	6,051
Primary metals..... do.....	26,250	21,902	26,070	26,056	25,403	25,063	24,617	24,450	24,142	23,970	23,738	23,107	21,902	'21,289	21,172
Blast furnaces, steel mills..... do.....	13,347	10,706	13,128	13,441	13,075	12,867	12,566	12,485	12,154	11,985	11,847	11,465	10,706	'10,139	10,065
Fabricated metal products..... do.....	20,208	17,562	20,142	19,848	19,716	19,664	19,593	19,223	19,200	19,050	18,682	18,085	17,562	'17,292	17,199
Machinery, except electrical..... do.....	44,376	40,983	44,414	44,134	44,449	44,447	44,008	43,895	43,572	43,010	42,556	41,923	40,983	'40,418	40,311
Electrical machinery..... do.....	28,142	26,308	27,697	27,526	27,365	27,024	26,950	26,834	26,891	26,669	26,670	26,745	26,308	'26,024	25,876
Transportation equipment..... do.....	38,237	41,162	38,194	38,150	38,743	38,701	39,074	39,339	39,785	40,162	40,418	40,052	41,162	'40,514	40,402
Motor vehicles and parts..... do.....	9,226	8,578	8,795	8,673	8,640	8,495	8,649	8,849	8,600	8,468	8,381	8,096	8,578	'8,175	8,306
Instruments and related products..... do.....	9,610	9,148	9,513	9,399	9,516	9,303	9,393	9,422	9,387	9,398	9,388	9,289	9,148	'8,882	8,726
By stage of fabrication: †															
Materials and supplies..... do.....	58,461	52,886	57,999	56,897	56,947	55,996	55,643	55,781	55,191	54,703	54,279	53,491	52,886	'51,746	51,411
Work in process..... do.....	82,814	79,022	82,097	81,729	81,562	81,284	81,304	80,216	80,458	80,379	80,567	79,786	79,022	'78,320	78,051
Finished goods..... do.....	47,153	45,067	47,026	47,435	47,408	47,590	47,342	47,301	47,901	47,711	46,997	46,047	45,067	'43,939	44,075
Non-durable goods industries, total #..... do.....	94,723	88,237	94,567	94,002	93,070	91,579	90,826	91,116	90,752	89,681	89,667	89,973	88,237	'88,119	88,106
Food and kindred products..... do.....	20,400	19,631	20,486	20,405	20,377	20,140	19,830	20,178	20,212	19,972	19,911	19,944	19,631	'19,449	19,739
Tobacco products..... do.....	4,401	4,433	4,514	4,572	4,812	4,812	4,697	4,893	4,696	4,492	4,417	4,456	4,433	'4,581	4,589
Textile mill products..... do.....	7,011	6,304	6,710	6,587	6,513	6,501	6,367	6,428	6,381	6,369	6,350	6,386	6,304	'6,246	6,270
Paper and allied products..... do.....	8,825	8,808	8,850	8,921	8,842	8,810	8,757	8,734	8,748	8,831	8,890	8,880	8,808	'8,731	8,683
Chemicals and allied products..... do.....	21,615	19,610	21,418	21,428	21,363	20,895	20,973	20,794	20,656	20,272	20,396	20,065	19,610	'19,261	19,211
Petroleum and coal products..... do.....	10,544	9,217	10,615	10,531	9,675	9,060	9,101	9,220	9,329	9,274	9,201	9,764	9,217	'9,470	9,788
Rubber and plastics products..... do.....	6,298	5,584	6,172	6,153	6,165	6,115	6,046	5,868	5,791	5,678	5,803	5,688	5,584	'5,456	5,402
By stage of fabrication: †															
Materials and supplies..... do.....	38,015	35,433	37,899	37,317	37,486	37,172	36,714	36,789	36,448	35,800	35,637	35,814	35,433	'35,652	35,330
Work in process..... do.....	16,196	14,348	15,792	15,629	15,601	15,438	15,555	15,519	15,529	15,192	14,857	14,794	14,348	'14,414	14,674
Finished goods..... do.....	40,511	38,456	40,877	41,057	39,983	38,969	38,557	38,808	38,775	38,689	39,373	39,365	38,456	'38,053	38,102
By market category: †															
Home goods and apparel..... do.....	22,948	20,842	22,631	22,041	21,948	21,779	21,598	21,675	21,517	21,416	21,327	21,071	20,842	'20,556	20,677
Consumer staples..... do.....	33,100	32,129	33,644	33,631	33,673	33,355	32,832	33,351	33,262	32,632	32,692	32,638	32,129	'32,442	32,330
Equip. and defense prod., exc. auto..... do.....	76,445	76,315	76,744	76,716	77,708	77,506	77,622	77,423	77,618	77,464	77,083	76,653	76,315	'75,460	75,005
Automotive equipment..... do.....	11,873	11,038	11,366	11,220	11,191	11,102	11,226	11,332	11,054	10,807	10,806	10,500	11,038	'10,582	10,616
Construction materials and supplies..... do.....	22,172	19,568	21,338	21,078	20,723	20,639	20,533	20,415	20,490	20,261	20,125	19,909	19,568	'18,973	19,029
Other materials and supplies..... do.....	116,613	105,320	115,964	115,379	113,741	112,068	111,304	110,718	110,361	109,894	109,677	108,526	105,320	'104,111	103,986
Supplementary series:															
Household durables..... do.....	11,256	10,133	11,120	10,896	10,856	10,692	10,744	10,782	10,656	10,678	10,548	10,302	10,133	'10,100	10,168
Capital goods industries..... do.....	86,515	86,565	86,974	86,795	87,752	87,644	87,393	87,378	87,885	87,579	87,779	87,018	86,565	'85,775	85,577
Nondefense..... do.....	73,360	70,735	73,674	72,937	73,806	73,615	73,166	73,173	73,426	72,710	72,575	71,667	70,735	'69,355	69,154
Defense..... do.....	13,154	15,830	13,598	13,857	13,946	14,029	14,227	14,205	14,459	14,869	15,204	15,351	15,830	'16,420	16,423
New orders, net (not seas. adj.), total †..... do.....	1,992,174	1,862,569	159,497	166,453	156,759	155,250	162,730	143,373	149,397	161,757	157,190	148,975	153,211	'152,422	159,530
Durable goods industries, total..... do.....	999,262	895,585	78,548	84,383	77,867	74,504	78,199	66,393	67,545	75,921	75,222	69,430	75,718	'76,814	80,043
Non-durable goods industries, total..... do.....	992,906	966,982	80,949	82,069	78,892	80,746	84,531	76,982	81,852	85,836	81,968	79,545	77,493	'75,608	79,487
New orders, net (seas. adj.), total †..... do.....	1,892,174	1,862,569	155,984	157,198	154,995	156,791	157,058	158,588	154,380	156,166	149,696	150,362	156,263	'160,214	156,761
By industry group:															
Durable goods industries, total..... do.....	999,262	895,585	76,309	77,859	76,194	75,710	74,550	76,446	72,982	73,266	69,598	70,607	76,593	'80,921	78,357
Primary metals..... do.....	'133,894	'96,308	8,241	7,596	8,137	8,453	8,617	8,660	8,178	7,983	6,943	7,466	6,655	'8,246	9,757
Blast furnaces, steel mills..... do.....	'68,406	'42,571	3,741	3,432	3,583	3,928	3,789	3,999	3,749	3,351	2,795	3,056	2,485	'3,449	4,108
Nonferrous and other primary met..... do.....	'53,601	'49,707	3,767	3,440	3,828	3,741	3,939	3,797	3,765	4,010	3,534	3,729	3,546	'4,018	4,882
Fabricated metal products..... do.....	'122,023	'107,391	9,052	9,819	9,899	9,405	9,389	9,368	8,897	8,668	8,297	8,186	8,426	'9,215	9,640
Machinery, except electrical..... do.....	'202,444	'166,564	14,506	14,438	15,262	14,408	13,015	12,876	13,091	13,978	13,824	12,970	12,488	'13,321	12,517
Electrical machinery..... do.....	'141,836	'143,718	11,391	12,782	12,508	11,888	11,705	12,396	11,572	12,025	11,115</				

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982												1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>GENERAL BUSINESS INDICATORS—Continued</b>																
<b>MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued</b>																
Unfilled orders, end of year or month (unadjusted), total †..... mil. \$.	316,375	292,978	319,197	319,817	318,518	312,234	305,804	301,624	295,827	292,004	291,312	288,323	292,978	*300,221	302,133	
Durable goods industries, total..... do.....	306,395	283,757	309,365	309,971	308,736	302,762	296,652	292,684	286,850	282,866	282,244	279,370	283,757	*290,726	292,769	
Nondur. goods ind. with unfilled orders †..... do.....	9,979	9,221	9,832	9,847	9,782	9,472	9,152	8,940	8,977	9,138	9,068	8,953	9,221	*9,495	9,364	
Unfilled orders, end of year or month (seasonally adjusted) total †..... mil. \$.	318,621	294,572	315,957	315,639	314,521	310,482	306,032	303,235	299,001	295,883	293,107	291,128	294,572	*298,197	299,011	
By industry group:																
Durable goods industries, total #..... do.....	308,370	285,077	306,211	305,947	305,004	301,194	296,866	294,272	290,011	286,706	283,960	281,861	285,077	*288,750	289,715	
Primary metals..... do.....	26,623	20,408	24,427	23,195	22,378	22,147	22,168	22,385	22,181	21,913	21,167	21,318	20,408	*20,692	22,453	
Blast furnaces, steel mills..... do.....	16,113	12,155	14,502	13,679	13,106	13,129	12,930	13,244	13,369	13,093	12,823	12,818	12,155	*12,328	13,256	
Nonferrous and other primary met..... do.....	7,302	6,053	6,921	6,697	6,572	6,419	6,586	6,499	6,391	6,493	6,106	6,273	6,053	*6,161	6,982	
Fabricated metal products..... do.....	29,240	22,238	28,281	28,334	27,574	26,883	26,384	25,788	25,004	24,150	23,528	22,605	22,238	*22,038	22,118	
Machinery, except electrical..... do.....	72,627	54,627	69,727	67,595	67,425	65,934	63,462	61,458	59,703	58,276	58,054	56,491	54,627	*53,913	52,795	
Electrical machinery..... do.....	51,939	57,710	52,510	53,784	54,613	54,588	54,655	54,942	55,082	55,654	55,548	56,577	57,710	*58,007	58,490	
Transportation equipment..... do.....	113,709	117,765	117,196	118,529	119,178	117,876	116,652	116,359	114,855	113,390	112,604	112,086	117,765	*121,727	121,266	
Aircraft, missiles, and parts..... do.....	87,207	90,419	90,514	92,483	93,349	92,613	91,944	91,178	91,151	90,025	89,355	89,021	90,419	*93,087	93,163	
Nondur. goods ind. with unfilled orders †..... do.....	10,251	9,495	9,746	9,692	9,518	9,288	9,166	8,963	8,990	9,177	9,147	9,267	9,495	*9,447	9,296	
By market category: †																
Home goods, apparel, consumer staples..... do.....	4,244	3,637	3,998	4,429	3,684	3,951	4,087	3,866	3,700	3,556	3,446	3,462	3,637	*3,716	3,866	
Equip. and defense prod., incl. auto..... do.....	187,724	181,533	190,323	190,002	191,517	188,274	186,916	185,350	182,561	180,468	179,112	178,065	181,533	*184,587	183,411	
Construction materials and supplies..... do.....	16,982	13,244	16,148	16,416	15,972	15,506	15,170	15,076	14,606	14,509	14,178	13,517	13,244	*13,079	12,984	
Other materials and supplies..... do.....	109,671	96,158	105,488	104,793	103,346	102,751	99,859	98,943	98,134	97,350	96,371	96,084	96,158	*96,815	98,750	
Supplementary series:																
Household durables..... do.....	3,069	2,536	2,916	3,288	2,643	2,858	2,961	2,815	2,689	2,528	2,438	2,475	2,536	*2,627	2,755	
Capital goods industries..... do.....	220,621	213,724	222,197	222,888	224,799	221,766	218,756	216,480	214,264	211,737	210,440	209,314	213,724	*216,818	215,863	
Nondefense..... do.....	146,701	122,924	142,868	140,982	140,991	137,852	134,226	132,067	129,183	127,180	125,988	124,721	122,924	*122,175	120,197	
Defense..... do.....	73,919	90,800	79,329	81,905	83,808	83,914	84,530	84,413	85,081	84,557	84,452	84,593	90,800	*94,643	95,666	
<b>BUSINESS INCORPORATIONS @</b>																
New incorporations (50 States and Dist. Col.):																
Unadjusted..... number.....	*581,242	566,942	42,511	52,574	48,845	46,008	48,876	45,282	45,572	45,461	45,029	44,354	59,750			
Seasonally adjusted..... do.....			47,234	46,899	46,876	46,995	45,936	44,525	46,981	45,552	45,530	48,474	57,507			
<b>INDUSTRIAL AND COMMERCIAL FAILURES @</b>																
Failures, total..... number.....	16,794															
Commercial service..... do.....	2,366															
Construction..... do.....	3,614															
Manufacturing and mining..... do.....	2,224															
Retail trade..... do.....	6,882															
Wholesale trade..... do.....	1,708															
Liabilities (current), total..... thous. \$.	6,955,180															
Commercial service..... do.....	1,045,825															
Construction..... do.....	851,780															
Manufacturing and mining..... do.....	2,370,415															
Retail trade..... do.....	1,558,528															
Wholesale trade..... do.....	1,128,632															
Failure annual rate (seasonally adjusted)																
No. per 10,000 concerns.....	*61.3															

**COMMODITY PRICES**

<b>PRICES RECEIVED AND PAID BY FARMERS †</b>															
Prices received, all farm products..... 1910-14=100.....	633	609	609	609	618	634	628	624	607	619	585	587	581	585	604
Crops #..... do.....	580	525	535	522	533	544	541	540	508	538	491	505	495	492	*509
Commercial vegetables..... do.....	677	633	800	664	641	605	640	604	528	501	518	617	578	526	*624
Cotton..... do.....	566	467	415	425	459	471	490	506	446	469	505	506	484	473	*476
Feed grains and hay..... do.....	446	378	390	391	404	417	404	385	363	345	328	345	363	375	*401
Food grains..... do.....	456	401	425	419	417	413	388	374	376	383	388	393	398	404	*405
Fruit..... do.....	483	654	553	535	549	596	612	761	689	1,088	721	671	546	499	*479
Tobacco..... do.....	1,363	1,496	1,474	1,469	1,469	1,469	1,474	1,400	1,526	1,565	1,535	1,548	1,548	1,530	1,521
Livestock and products #..... do.....	688	696	685	699	706	727	718	711	710	705	685	672	669	682	*705
Dairy products..... do.....	842	829	844	832	820	807	801	807	807	826	844	856	850	844	838
Meat animals..... do.....	848	876	841	870	898	950	936	912	922	894	850	823	828	857	*893
Poultry and eggs..... do.....	264	251	264	268	255	247	245	254	236	253	249	244	232	231	244
Prices paid:															
Production items..... do.....	855	864	855	864	863	868	873	873	871	865	859	860	859	869	875
All commodities and services, interest, taxes, and wage rates (parity index)..... 1910-14=100.....	1,035	1,071	1,059	1,066	1,065	1,070	1,076	1,079	1,079	1,077	1,073	1,075	1,073	1,083	*1,088
Parity ratio §..... do.....	61	57	58	57	58	59	58	58	56	57	55	55	54	54	56
<b>CONSUMER PRICES (U.S. Department of Labor Indexes)</b>															
<b>Not Seasonally Adjusted</b>															
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W)..... 1967=100.....	272.3	288.6	282.9	282.5	283.7	286.5	290.1	291.8	292.4	292.8	293.6	293.2	292.0	292.1	292.3
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U)..... 1967=100.....	272.4	289.1	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	*293.1	293.2
Special group indexes:															
All items less shelter..... do.....	258.5	273.3	268.3	268.5	268.7	270.6	273.8	275.3	275.7	276.9	277.9	278.1	278.2	278.5	278.7
All items less food..... do.....	270.6	288.4	282.1	281.7	282.9	286.0	289.7	291.5	292.5	292.9	294.0	293.6	292.1	*292.6	292.4
All items less medical care..... do.....	270.9	286.8	281.5	280.9	282.1	284.9	288.4	289.9	290.5	290.8	291.5	290.8	289.5	*290.0	290.1

See footnotes at end of tables.

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

COMMODITY PRICES—Continued

CONSUMER PRICES—Continued (U.S. Department of Labor Indexes)—Continued																	
Not Seasonally Adjusted																	
All items (CPI-U)—Continued																	
Commodities	1967=100.	253.6	263.8	259.5	258.8	258.9	261.5	265.1	266.5	266.4	266.6	267.5	267.8	267.7	'267.2	266.7	266.7
Nondurables	do.	266.3	273.6	271.7	270.7	269.3	270.7	274.4	275.7	275.5	276.2	276.5	276.4	275.8	275.2	274.6	274.4
Nondurables less food	do.	257.5	261.6	260.1	258.4	255.0	256.2	261.2	263.0	263.6	264.6	265.7	266.1	264.7	262.4	260.5	258.9
Durables	do.	227.1	241.1	233.7	233.5	235.8	239.8	243.2	244.7	244.6	244.1	246.0	246.6	247.3	247.3	247.1	247.4
Commodities less food	do.	241.2	250.9	246.0	245.2	245.0	247.8	251.9	253.5	253.8	253.9	255.4	256.0	255.8	'254.4	253.2	252.4
Services	do.	305.7	333.3	325.3	325.5	328.4	331.8	334.9	337.0	338.9	339.7	340.3	338.6	335.6	'337.9	338.9	339.4
Services less rent	do.	324.3	354.2	345.7	345.7	349.1	352.8	356.5	358.5	360.5	361.3	361.6	359.3	355.5	(*)		
Food #	do.	274.6	285.7	283.3	283.0	283.9	285.5	287.8	288.5	287.4	287.6	287.0	286.4	286.5	288.1	289.0	290.5
Food at home	do.	269.9	279.2	278.0	277.1	277.9	279.8	282.6	282.8	280.8	280.6	279.4	278.3	277.8	279.3	280.3	281.9
Housing	do.	293.5	314.7	307.3	306.7	309.4	313.8	317.5	319.2	320.1	319.7	320.7	319.0	316.3	'317.9	318.5	318.6
Shelter #	do.	314.7	337.0	329.5	327.6	331.4	336.7	340.9	342.8	344.2	342.6	342.8	340.7	335.9	'338.3	339.2	339.3
Rent, residential	do.	208.2	224.0	218.6	219.6	220.1	221.8	222.6	224.8	226.0	226.9	228.9	230.2	230.8	232.2	233.1	233.6
Homeownership	do.	352.7	376.8	368.7	365.7	370.6	377.4	382.8	384.5	385.9	383.0	382.8	379.5	372.9	(*)		
Fuel and utilities #	do.	319.2	350.8	337.1	339.3	339.2	345.4	352.2	354.7	356.3	359.5	363.4	362.2	364.1	365.4	364.6	363.8
Fuel oil, coal, and bottled gas	do.	675.9	667.9	683.1	664.0	641.3	644.6	656.6	659.9	659.9	662.8	677.2	691.3	688.5	671.1	654.0	625.3
Gas (pipcd) and electricity	do.	345.9	393.8	368.7	375.9	377.8	389.0	398.9	402.1	404.4	409.2	413.4	407.6	410.6	413.5	414.5	418.0
Household furnishings and operation	do.	221.3	233.2	230.2	231.6	232.6	233.4	233.7	234.1	233.4	234.2	235.4	235.1	235.7	'235.8	236.7	237.6
Apparel and upkeep	do.	186.9	191.8	188.0	191.1	191.9	191.5	190.8	189.7	191.8	194.9	195.5	195.4	193.6	191.0	192.0	194.5
Transportation	do.	280.0	291.5	288.0	285.1	282.9	285.6	292.8	296.1	296.2	295.3	295.5	295.8	294.8	293.0	289.9	287.4
Private	do.	277.5	284.5	281.3	278.8	281.5	288.9	292.3	292.4	291.1	291.1	291.4	290.4	288.4	285.2	282.7	282.7
New cars	do.	190.2	197.6	195.5	194.4	196.0	197.5	198.1	198.6	198.7	197.7	197.7	199.0	200.1	201.0	201.3	201.2
Used cars	do.	256.9	296.4	279.7	280.9	285.1	291.4	298.2	302.4	304.4	304.6	306.7	310.5	312.6	311.0	309.1	309.3
Public	do.	312.0	346.0	336.8	336.7	339.3	342.1	345.6	347.2	348.1	353.3	356.3	356.0	355.6	357.7	355.2	354.5
Medical care	do.	294.5	328.7	316.2	318.8	321.7	323.8	326.4	330.0	333.3	336.0	338.7	342.2	344.3	347.8	351.3	352.3
Seasonally Adjusted @																	
All items, percent change from previous month	.....			0.1	0.0	0.2	1.0	1.1	0.6	0.3	0.1	0.4	0.0	-0.3	'0.2	-0.2	0.1
Commodities	.....			259.0	258.8	258.1	261.0	264.3	265.8	266.0	266.4	267.9	268.1	268.4	'268.1	266.3	266.8
Commodities less food	do.			245.7	245.3	244.2	247.3	251.2	253.0	253.6	253.8	255.6	255.9	256.3	'255.6	253.0	252.8
Food	do.			282.6	282.8	283.3	285.4	287.1	287.6	286.9	287.5	288.1	288.2	288.1	'288.3	288.3	290.1
Food at home	do.			277.1	277.0	277.4	279.7	281.5	281.5	279.9	280.2	280.5	280.1	279.4	279.5	279.4	281.8
Apparel and upkeep	do.			190.2	190.6	190.8	191.1	191.5	192.2	192.7	192.8	193.3	193.2	192.7	193.2	194.2	194.1
Transportation	do.			287.0	286.6	282.5	285.1	291.5	294.1	295.3	295.6	296.4	296.0	295.8	293.9	289.1	289.0
Private	do.			283.5	283.0	278.6	281.2	287.7	290.4	291.6	291.6	292.3	291.8	291.7	288.4	284.4	284.4
New cars	do.			195.3	195.7	196.1	196.5	197.2	198.0	199.2	199.6	199.2	198.7	199.3	199.4	201.1	202.6
Services	do.			326.0	326.1	329.0	332.1	334.9	336.8	338.9	339.1	339.9	339.3	336.7	'338.3	339.3	339.8
PRODUCER PRICES § (U.S. Department of Labor Indexes)																	
Not Seasonally Adjusted																	
All commodities	.....	293.4	299.3	298.6	298.0	298.0	298.6	299.3	300.4	300.2	299.3	299.8	'300.3	300.6	300.0	301.2	300.5
By stage of processing: †	.....																
Crude materials for further processing	do.	329.0	319.5	321.6	320.0	322.6	328.3	325.6	323.4	319.8	316.1	312.0	'313.2	312.6	313.7	321.0	322.1
Intermediate materials, supplies, etc	do.	306.0	310.4	311.1	310.6	309.9	309.8	309.9	311.1	310.8	310.5	309.9	'309.9	310.2	309.9	310.5	309.2
Finished goods #	do.	269.8	280.6	279.7	277.3	277.3	277.8	279.9	281.7	282.3	281.2	284.1	'284.9	285.1	283.6	283.7	283.4
Finished consumer goods	do.	271.3	280.9	278.6	277.7	277.3	277.7	280.1	282.1	282.8	281.9	284.3	'285.3	285.1	283.0	283.0	282.5
Capital equipment	do.	264.3	279.6	275.0	275.8	277.2	278.1	279.2	280.2	280.7	278.7	283.2	'283.8	285.1	285.7	286.2	286.5
By durability of product:	.....																
Durable goods	do.	269.8	279.0	277.4	277.4	278.1	278.5	278.3	278.9	278.8	278.6	281.2	'281.2	282.0	282.8	285.2	285.1
Nondurable goods	do.	312.4	315.3	315.4	314.2	313.6	314.5	316.0	317.6	317.1	315.7	314.3	'315.3	315.1	313.4	313.5	312.4
Total manufactures	do.	286.0	292.7	292.0	291.4	291.1	291.3	292.4	293.7	293.8	292.9	293.8	'293.9	294.1	289.7	284.1	293.0
Durable manufactures	do.	269.6	279.9	277.8	277.8	278.7	279.2	279.3	279.9	279.8	279.6	282.3	'282.4	283.2	283.9	286.1	285.8
Nondurable manufactures	do.	303.6	306.4	307.2	305.9	304.1	304.0	306.3	308.5	308.6	307.1	306.0	'306.1	305.6	303.9	302.3	300.5
Farm prod., processed foods and feeds	do.	251.5	248.9	248.4	247.5	251.6	255.8	255.3	252.4	249.6	247.4	243.8	'243.9	244.8	245.9	249.9	249.5
Farm products	do.	254.9	242.3	247.1	244.7	250.6	256.5	252.7	246.6	240.8	234.5	229.2	'230.7	232.5	233.1	240.8	241.4
Foods and feeds, processed	do.	248.7	251.5	248.1	248.1	251.1	254.4	255.8	254.6	253.5	255.5	250.8	'250.2	250.6	251.8	253.9	254.3
Industrial commodities	do.	304.1	312.3	311.6	311.0	309.9	309.6	310.6	312.8	313.2	312.7	314.3	'315.0	315.0	314.0	314.4	313.4
Chemicals and allied products	do.	287.8	292.4	293.6	294.6	294.3	295.0	293.3	291.6	291.6	290.7	289.9	'290.5	289.3	289.2	290.6	290.1
Fuels and related prod., and power	do.	694.4	693.2	697.8	689.7	670.6	662.2	677.3	701.1	705.6	700.4	698.8	'706.1	702.6	686.3	673.5	662.3
Furniture and household durables	do.	198.4	206.8	204.6	205.5	206.0	206.5	207.0	206.8	208.1	208.3	208.9	'208.9	208.6	210.1	211.7	212.1
Hides, skins and leather products	do.	261.5	263.0	261.6	260.6	263.4	263.2	261.8	263.1	262.0	263.5	263.2	'263.2	265.2	265.6	265.0	265.9
Lumber and wood products	do.	292.8	284.7	285.2	285.3	286.5	284.6	289.0	288.6	284.2	283.0	279.4	'279.9	284.8	292.1	302.7	305.0
Machinery and equipment	do.	263.1	278.7	275.4	276.2	277.6	278.2	278.6	279.6	279.9	280.2	281.1	'281.8	281.8	282.7	283.6	284.0
Metals and metal products	do.	300.4	301.8	304.2	302.9	303.1	302.8	299.3	299.5	299.2	301.8	301.6	'300.5	300.9	301.7	306.1	305.4
Nonmetallic mineral products	do.	309.5	320.2	319.0	319.9	320.2	321.2	320.9	321.1	320.5	321.2	321.1	'321.2	320.9	321.5	321.9	321.9
Pulp, paper, and allied products	do.	273.7	288.6	286.3	287.4	288.5	289.6	289.5	289.1	289.3	289.4	289.8	'289.8	289.5	291.1	293.3	293.8
Rubber and plastics products	do.	232.8	241.6	239.3	240.8	241.1	242.1	242.5	242.0	242.6	242.5	242.2	'241.7</				

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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 .....	238,201	*229,564	14,726	16,705	17,943	19,323	20,932	20,490	21,021	21,402	*21,202	*20,946	*19,734	*17,178	16,551	
Private, total # .....	185,222	*179,412	11,794	13,349	14,173	15,205	16,281	15,738	15,801	16,005	*16,302	*16,402	*16,193	*13,859	13,616	
Residential.....	86,566	*75,004	4,417	5,175	5,915	6,609	6,899	6,680	6,628	6,602	*6,954	*7,298	*6,863	*6,280	6,060	
New housing units.....	62,664	*51,991	3,166	3,789	3,856	4,175	4,406	4,676	4,846	5,006	4,971	5,068	*4,582	*4,440	4,414	
Nonresidential buildings, except farm and public utilities, total # .....	60,818	64,215	4,575	5,018	5,195	5,383	5,776	5,610	5,615	5,679	5,774	5,652	5,397	*4,823	4,795	
Industrial.....	17,030	16,669	1,239	1,338	1,296	1,417	1,543	1,433	1,458	1,465	1,548	1,369	1,338	*1,112	1,079	
Commercial.....	34,248	37,131	2,623	2,898	3,078	3,119	3,320	3,302	3,235	3,289	3,252	3,285	3,110	*2,818	2,843	
Public utilities:																
Telephone and telegraph .....	7,074	7,140	531	639	584	588	654	626	652	652	604	599	545	438		
Public, total # .....	52,979	*50,152	2,932	3,356	3,770	4,118	4,651	4,752	5,220	5,396	*4,900	*4,544	*3,541	*3,319	2,935	
Buildings (excluding military) # .....	17,792	*16,830	1,227	1,290	1,377	1,377	1,468	1,458	1,527	1,599	*1,458	*1,513	*1,347	*1,352	1,278	
Housing and redevelopment .....	1,722	*1,661	113	129	137	128	132	142	153	150	*152	162	*153	145	134	
Industrial.....	1,655	1,632	121	138	150	131	146	141	144	167	136	*139	127	157	127	
Military facilities.....	1,964	*2,191	114	179	186	168	201	215	244	244	*183	*216	*190	*203	212	
Highways and streets.....	13,304	13,180	444	585	721	1,014	1,467	1,563	1,673	1,672	1,649	1,241	717	*558	478	
New construction (seasonally adjusted at annual rates), total .....			222.6	224.6	226.1	228.7	231.6	227.6	228.1	228.1	*230.8	*239.6	*239.0	*256.1	250.9	
Private, total # .....			173.0	173.6	175.1	179.9	182.6	178.7	176.6	177.0	*179.8	*187.5	*191.4	200.2	201.3	
Residential.....			69.2	70.0	72.3	75.5	75.3	73.4	72.1	71.5	*75.7	*81.7	*87.0	*93.5	95.4	
New housing units.....			49.2	51.0	49.6	51.0	49.8	51.5	52.3	53.1	52.3	54.7	*57.3	*65.9	69.2	
Nonresidential buildings, except farm and public utilities, total # .....			64.1	64.9	64.2	64.4	67.1	64.0	63.3	64.2	63.5	64.7	64.2	*66.5	67.0	
Industrial.....			17.2	16.6	15.9	17.1	18.4	16.4	16.7	16.6	17.1	15.8	15.3	*15.5	15.0	
Commercial.....			36.8	38.4	38.4	36.8	38.0	37.5	36.1	37.1	35.7	37.8	37.5	*38.8	39.8	
Public utilities:																
Telephone and telegraph .....			8.4	7.4	7.1	7.3	7.0	7.4	7.2	7.3	6.5	6.8	6.3	6.9		
Public, total # .....			49.6	51.0	51.0	48.8	48.9	48.9	51.4	51.1	*51.0	*52.1	*47.6	*55.9	49.6	
Buildings (excluding military) # .....			17.7	16.9	17.5	16.5	16.8	16.1	16.9	16.8	*17.0	17.8	16.3	19.0	18.3	
Housing and redevelopment .....			1.5	1.6	1.6	1.5	1.6	1.6	1.8	1.6	*1.8	*1.9	*1.7	2.2	1.8	
Industrial.....			1.8	1.6	1.8	1.5	1.6	1.7	1.8	1.6	1.9	*2.0	1.4	1.9	1.9	
Military facilities.....			1.5	2.3	1.7	2.1	1.9	2.3	2.5	2.7	2.3	2.5	*2.3	2.7	2.7	
Highways and streets.....			12.4	13.3	12.1	11.7	13.1	14.1	13.3	13.5	14.3	13.9	12.4	*14.8	13.4	
<b>CONSTRUCTION CONTRACTS</b>																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total .....	153,480	154,619	11,082	13,036	11,713	11,821	15,444	12,528	13,896	14,180	12,549	12,909	13,977	11,376	11,310	
Index (mo. data seas. adj.)..... 1977=100..	'110	'111	115	105	88	94	111	98	112	117	105	122	131	127	119	
Public ownership .....	38,956	41,347	3,050	4,280	3,394	3,773	4,360	3,745	3,411	3,849	3,272	3,137	2,835	2,958	2,538	
Private ownership .....	114,524	113,273	8,032	8,756	8,319	8,048	11,084	8,783	10,485	10,330	9,276	9,772	11,142	8,418	8,772	
By type of building:																
Nonresidential.....	60,088	59,208	5,793	5,273	4,400	4,233	6,113	5,011	5,250	5,226	5,027	4,520	3,975	4,459	4,214	
Residential.....	60,164	58,076	3,045	4,600	4,656	4,984	5,602	5,144	5,414	5,525	5,629	5,628	5,184	4,970	4,775	
Non-building construction .....	33,228	37,336	2,244	3,164	2,658	2,604	3,729	2,372	3,232	3,429	1,893	2,761	4,818	1,947	2,321	
New construction planning (Engineering News-Record) § .....	166,366	149,206	12,102	10,844	14,043	9,119	8,278	11,992	10,385	11,936	13,373	15,530	17,683	12,665	11,802	12,737
<b>HOUSING STARTS AND PERMITS</b>																
New housing units started:																
Unadjusted:																
Total (private and public) .....	1,100.3	1,072.0	52.0	78.7	85.1	99.2	91.9	107.2	97.2	108.4	111.5	109.9	83.4	*92.9	*96.4	135.7
Privately owned .....	1,084.2	1,062.2	51.3	78.2	84.1	98.8	91.1	106.8	96.0	106.4	110.5	108.9	82.9	*91.3	*96.0	134.4
One-family structures .....	705.4	662.6	32.5	51.8	55.8	58.9	63.5	61.4	62.0	63.3	66.3	66.0	51.8	*56.3	*59.7	84.9
Seasonally adjusted at annual rates:																
Total privately owned .....			911	920	911	1,028	910	1,185	1,046	1,134	1,142	1,361	1,280	*1,694	*1,775	1,611
One-family structures .....			561	607	583	622	617	625	651	683	716	868	842	*1,126	*1,087	991
New private housing units authorized by building permits (16,000 permit-issuing places):																
Monthly data are seas. adj. at annual rates:																
Total .....	986	993	792	851	879	944	929	1,062	888	1,003	1,172	1,192	1,305	1,478	1,493	1,434
One-family structures .....	564	540	436	460	450	488	516	500	497	561	651	729	736	903	*833	833
Manufacturers' shipments of mobile homes																
Unadjusted .....	240.9	238.9	17.3	22.1	22.3	21.8	23.6	19.4	22.2	21.2	20.4	18.8	15.9	18.1	19.7	
Seasonally adjusted at annual rates .....			248	244	249	244	252	240	234	222	224	251	243	284	283	
<b>CONSTRUCTION COST INDEXES</b>																
Dept. of Commerce composite .....	152.5	*155.1	156.0	156.3	156.5	154.9	154.3	155.1	154.8	155.1	*153.4	*154.3	*155.5	*158.4	158.9	
American Appraisal Co., The:																
Average, 30 cities .....	2,643															
Atlanta .....	2,841															
New York .....	2,645															
San Francisco .....	2,873															
St. Louis.....	2,453															
Boeckh indexes:																
Average, 20 cities:																
Apartments, hotels, office buildings 1977=100..	137.4	150.0		146.0		149.0		152.6		153.6		154.9		155.7		155.8
Commercial and factory buildings.....	140.1	151.9		148.5		151.1		154.3		155.2		156.0		159.2		159.7
Residences.....	136.0	147.5		143.1		146.1		149.9		151.2		152.5		153.1		153.5
Engineering News-Record:																
Building .....	310.3	*330.6	*325.4	*324.4	*325.1	*325.5	*329.4	*334.2	*334.3	*335.0	*334.8	*335.6	*340.0	342.0	347.5	*348.1
Construction .....	328.9	*356.1	*347.1	*346.5	*347.4	*347.6	*355.2	*363.0	*363.0	*363.3	*363.2	*364.8	*367.7	368.7	372.5	*372.9
Federal Highway Adm.—Highway construction:																
Composite (avg. for year or qtr.)..... 1977=100..	156.7	146.8		145.3			146.8			147.8			146.1			148.1

See footnotes at end of tables.

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## CONSTRUCTION AND REAL ESTATE—Continued

REAL ESTATE †															
Mortgage applications for new home construction:															
FHA net applications.....thous. units.....	92.3	99.8	8.6	9.8	6.3	5.2	6.7	8.2	6.8	9.8	11.8	7.9	11.3	8.3	10.6
Seasonally adjusted annual rates.....do.....			110	101	74	65	90	100	102	180	106	143	168	178	167
Requests for VA appraisals.....do.....	153.8	155.0	9.1	11.1	13.6	13.0	14.1	12.3	11.9	12.9	15.7	16.9	15.1	19.5	21.0
Seasonally adjusted annual rates.....do.....			120	119	143	149	157	137	128	154	186	227	238	274	278
Home mortgages insured or guaranteed by:															
Fed. Hous. Adm.: Face amount.....mil. \$.....	10,278.14	8,087.07	606.52	585.12	547.57	589.61	716.28	653.80	592.51	772.41	724.61	771.21	1,083.56	914.79	1,100.29
Vet. Adm.: Face amount \$.....do.....	7,905.93	5,428.27	393.60	421.78	374.45	327.85	443.89	438.90	552.50	743.54	385.69	454.78	563.89	630.80	961.02
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$.....	65,194	66,004	65,089	66,162	67,941	67,801	69,398	69,325	68,399	67,642	67,077	66,308	66,004	62,365	61,004
New mortgage loans of all savings and loan associations, estimated total.....mil. \$.....	53,283	54,298	2,849	3,966	3,807	3,797	5,006	4,101	4,543	5,112	4,724	5,314	8,451	5,869	6,049
By purpose of loan:															
Home construction.....do.....	11,599	11,765	592	966	832	796	1,052	859	981	1,154	1,125	1,194	1,719	1,152	1,224
Home purchase.....do.....	28,299	21,779	1,320	1,647	1,612	1,607	2,080	1,921	1,962	1,988	1,786	1,938	2,714	2,173	2,194
All other purposes.....do.....	13,385	20,754	937	1,353	1,363	1,394	1,874	1,321	1,600	1,970	1,813	2,182	4,018	2,544	2,631

## DOMESTIC TRADE

ADVERTISING															
Magazine advertising (Publishers Information Bureau):															
Cost, total.....mil. \$.....	3,256.9	3,421.2	249.5	287.8	290.9	338.9	262.7	210.7	211.6	307.5	351.1	397.6	285.5	229.2	275.9
Apparel and accessories.....do.....	143.4	154.4	8.4	15.1	15.9	11.8	5.5	7.6	13.0	23.2	17.2	16.7	11.9	8.8	10.3
Automotive, incl. accessories.....do.....	291.7	330.0	23.5	29.6	25.5	36.5	17.0	21.2	20.1	17.9	36.8	46.2	26.9	19.3	32.0
Building materials.....do.....	59.3	52.3	2.5	4.4	5.9	6.8	4.4	3.7	3.0	6.9	5.1	4.1	2.7	3.4	2.6
Drugs and toiletries.....do.....	320.4	329.3	27.8	27.5	30.8	34.4	28.7	22.6	23.5	30.4	30.3	28.5	24.7	20.1	27.1
Foods, soft drinks, confectionery.....do.....	234.4	261.3	21.1	18.5	26.2	21.2	22.8	20.9	15.8	22.3	26.9	34.3	20.8	14.2	23.7
Beer, wine, liquors.....do.....	256.9	258.1	16.2	20.8	20.7	22.7	23.2	16.1	12.2	19.5	24.3	32.6	34.8	10.2	13.6
Household equip., supplies, furnishings.....do.....	167.9	146.7	6.7	12.5	14.9	19.2	9.6	8.5	6.7	17.1	16.0	17.5	10.8	8.0	8.0
Industrial materials.....do.....	67.7	50.9	4.2	5.5	5.2	8.0	3.5	3.2	3.2	3.9	3.7	4.4	2.4	2.3	2.3
Soaps, cleansers, etc.....do.....	29.7	26.5	1.9	2.8	3.1	3.0	2.3	1.4	1.7	2.1	3.2	2.5	1.1	1.3	2.0
Smoking materials.....do.....	316.6	358.0	24.5	27.1	28.9	32.3	28.2	27.2	31.0	32.0	34.2	38.7	32.7	31.4	31.4
All other.....do.....	1,368.9	1,450.6	112.5	123.3	129.6	143.0	117.5	66.6	82.8	132.1	153.1	172.0	116.7	110.1	122.9
Newspaper advertising expenditures (Media Records Inc.):															
Total.....mil. \$.....	9,575.4		729.6	824.3	814.7	904.9									
Automotive.....do.....	225.6		22.5	25.8	24.1	25.0									
Classified.....do.....	2,514.9		197.3	218.5	209.2	233.6									
Financial.....do.....	387.2		26.0	31.3	30.6	29.4									
General.....do.....	1,380.0		119.1	128.8	122.8	137.8									
Retail.....do.....	5,067.8		364.7	419.9	428.0	479.0									
WHOLESALE TRADE ‡															
Merchant wholesalers sales (unadj.), total.....mil. \$.....	1,208,070	1,144,352	89,234	106,276	98,687	97,707	100,393	93,273	94,291	93,626	93,067	94,181	94,279	87,420	84,732
Durable goods establishments.....do.....	509,743	457,713	36,303	42,275	39,361	37,500	39,143	36,971	38,103	38,473	38,473	38,279	37,643	35,061	34,326
Nondurable goods establishments.....do.....	698,327	686,639	52,931	64,001	59,326	60,207	61,250	56,302	56,188	55,153	54,594	55,902	56,636	52,359	50,406
Merchant wholesalers inventories, book value, end of year or month (unadj.), total.....mil. \$.....	117,566	119,302	116,311	117,529	119,616	117,563	118,772	118,676	117,271	118,424	120,222	119,620	119,302	118,010	117,586
Durable goods establishments.....do.....	75,601	77,415	76,151	77,319	79,642	78,527	79,658	80,648	79,398	79,731	79,439	77,964	77,415	76,097	75,868
Nondurable goods establishments.....do.....	41,965	41,887	40,160	40,210	39,974	39,036	39,114	38,028	37,873	38,693	40,783	41,656	41,887	41,913	41,718
RETAIL TRADE															
All retail stores: †															
Estimated sales (unadj.), total †.....mil. \$.....	1,047,573	1,075,679	76,211	86,569	87,964	90,812	88,965	91,213	89,642	88,159	91,416	94,196	113,189	81,329	78,898
Durable goods stores #.....do.....	316,020	320,868	22,550	27,030	26,983	28,488	27,615	27,204	26,922	26,776	26,824	28,423	31,142	23,808	23,964
Building materials, hardware, garden supply, and mobile home dealers #.....mil. \$.....	51,968	48,975	2,966	3,740	4,187	4,768	4,704	4,561	4,395	4,395	4,404	4,039	3,864	3,261	3,150
Automotive dealers.....do.....	173,922	182,390	13,402	16,468	15,953	16,742	15,689	15,459	15,321	15,261	15,218	16,233	14,960	13,776	14,377
Furniture, home furn., and equip.....do.....	47,462	46,513	3,312	3,741	3,637	3,664	3,847	3,926	3,865	3,765	3,859	4,193	5,318	3,639	3,421
Nondurable goods stores.....do.....	731,553	754,811	53,661	59,539	60,981	62,324	61,350	64,009	62,720	61,383	64,592	65,773	82,047	57,521	54,934
General merch. group stores.....do.....	127,948	131,282	7,431	9,421	10,181	10,707	10,088	10,061	10,452	10,066	11,036	13,197	21,238	7,896	7,803
Food stores.....do.....	241,102	252,802	18,762	20,283	20,812	21,404	21,020	22,674	20,838	20,957	21,572	20,680	23,608	20,354	19,312
Gasoline service stations.....do.....	108,231	104,633	7,975	8,465	8,359	8,619	9,047	9,463	9,169	8,706	8,869	8,585	8,706	8,059	7,394
Apparel and accessory stores.....do.....	50,270	51,991	3,351	3,937	4,266	4,150	3,846	4,020	4,374	4,151	4,395	4,762	7,232	3,496	3,190
Eating and drinking places.....do.....	98,585	107,357	7,548	8,449	8,787	9,214	9,271	9,786	9,778	9,145	9,548	8,878	9,382	8,673	8,471
Drug and proprietary stores.....do.....	33,593	35,849	2,664	2,899	2,926	2,930	2,924	2,924	2,899	2,859	2,953	3,021	4,171	2,975	2,952
Liquor stores.....do.....	17,461	19,031	1,362	1,475	1,527	1,591	1,570	1,690	1,559	1,505	1,553	1,559	2,197	1,386	1,348
Estimated sales (seas. adj.), total †.....do.....			88,049	87,701	88,468	90,813	88,603	89,469	89,069	89,897	90,905	92,492	92,459	92,295	91,197
Durable goods stores #.....do.....			25,741	25,973	26,718	28,127	26,136	26,124	25,831	26,619	27,154	28,721	28,723	28,307	27,279
Building materials, hardware, garden supply, and mobile home dealers #.....mil. \$.....			3,970	4,032	4,119	4,281	4,139	4,134	4,014	4,004	4,024	4,057	4,143	4,366	4,212
Automotive dealers.....do.....			2,709	2,771	2,857	2,944	2,903	2,905	2,821	2,809	2,848	2,864	3,018	3,214	3,138
Furniture, home furn., and equip. #.....do.....			714	715	707	735	696	684	666	663	682	682	674	710	684
Automotive dealers.....do.....			14,334	14,609	15,229	16,430	14,638	14,650	14,463	15,200	15,713	17,104	16,727	15,979	15,326
Motor vehicle dealers.....do.....			12,686	12,955	13,516	14,664	12,834	12,865	12,709	13,424	13,927	15,298	14,965	14,227	13,513
Auto and home supply stores.....do.....			1,648	1,654	1,713	1,766	1,804	1,785	1,754	1,776	1,786	1,806	1,762	1,752	1,813
Furniture, home furn., and equip. #.....do.....			3,827	3,858	3,885	3,917	3,865	3,889	3,807	3,807	3,834	3,868	4,100	4,100	3,952
Furniture, home furnishings stores.....do.....			2,161	2,182	2,233	2,239	2,187	2,204	2,187	2,180	2,242	2,258	2,326	2,384	2,279
Household appliance, radio, TV.....do.....			1,180	1,173	1,184	1,181	1,136	1,222	1,123	1,109	1,118	1,175	1,317	1,414	1,382

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	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															
Nondurable goods stores	mil. \$.	'62,308	'61,728	'61,750	'62,686	'62,467	'63,345	'63,238	'63,278	'63,751	'63,771	'63,736	'63,988	'63,918	'63,757
General merch. group stores	do.	'10,677	'10,726	'10,702	'11,032	'10,796	'10,925	'10,841	'10,847	'10,858	'11,043	'11,410	'11,313	'11,212	'11,320
Department stores	do.	'8,731	'8,778	'8,752	'9,009	'8,822	'8,929	'8,845	'8,821	'8,865	'8,928	'9,265	'9,309	'9,110	'9,318
Variety stores	do.	'703	'735	'713	'738	'712	'729	'738	'724	'726	'729	'744	'747	'765	
Food stores	do.	'20,705	'20,590	'20,782	'21,113	'21,025	'21,247	'21,213	'21,253	'21,370	'21,333	'21,423	'21,115	'21,334	'21,396
Grocery stores	do.	'19,330	'19,264	'19,457	'19,733	'19,624	'19,839	'19,808	'19,870	'20,003	'19,964	'20,139	'19,868	'20,055	'20,092
Gasoline service stations	do.	'8,911	'8,629	'8,409	'8,559	'8,649	'8,803	'8,741	'8,750	'8,747	'8,733	'8,628	'8,583	'8,261	'7,976
Apparel and accessory stores #	do.	'4,535	'4,354	'4,278	'4,417	'4,226	'4,364	'4,321	'4,267	'4,279	'4,354	'4,341	'4,263	'4,314	'4,251
Men's and boys' clothing	do.	'656	'665	'678	'707	'681	'689	'667	'677	'671	'680	'682	'682	'660	
Women's clothing, spec. stores, furriers	do.	'1,680	'1,610	'1,592	'1,644	'1,560	'1,601	'1,575	'1,555	'1,592	'1,626	'1,638	'1,656	'1,657	
Shoe stores	do.	'870	'837	'801	'834	'792	'830	'829	'827	'805	'818	'813	'860		
Eating and drinking places	do.	'8,726	'8,621	'8,674	'8,817	'8,863	'9,028	'9,113	'9,090	'9,324	'9,345	'9,345	'9,626	'9,782	'9,783
Drug and proprietary stores	do.	'2,918	'2,979	'2,975	'2,975	'2,999	'2,999	'3,001	'3,041	'3,041	'3,067	'3,016	'3,148	'3,233	'3,283
Liquor stores	do.	'1,584	'1,609	'1,635	'1,612	'1,583	'1,591	'1,573	'1,578	'1,577	'1,565	'1,548	'1,542	'1,567	
Estimated inventories, end of year or month: †															
Book value (unadjusted), total	mil. \$.	'123,591	'124,858	'121,463	'124,783	'124,998	'123,901	'125,496	'125,837	'126,850	'130,731	'135,378	'136,105	'124,858	123,583
Durable goods stores #	do.	'58,441	'58,902	'57,371	'58,340	'58,350	'57,932	'58,977	'59,014	'58,617	'59,866	'60,937	'60,812	'58,902	59,028
Building materials and supply stores	do.	'9,737	'10,224	'10,020	'10,167	'10,351	'10,383	'10,338	'10,255	'10,192	'10,023	'10,142	'10,259	'10,224	10,350
Automotive dealers	do.	'26,638	'26,691	'25,890	'26,579	'26,149	'25,770	'26,994	'27,275	'26,245	'26,756	'27,083	'26,638	'26,691	26,620
Furniture, home furn., and equip	do.	'9,722	'9,878	'9,467	'9,499	'9,505	'9,574	'9,671	'9,639	'9,866	'10,111	'10,337	'10,324	'9,878	9,887
Nondurable goods stores #	do.	'65,150	'65,956	'64,092	'66,443	'66,648	'65,969	'66,519	'66,823	'68,233	'70,865	'74,441	'75,293	'65,956	64,555
General merch. group stores	do.	'21,808	'22,191	'21,868	'23,263	'23,646	'23,317	'23,566	'23,949	'24,646	'25,950	'27,992	'28,198	'22,191	21,805
Department stores	do.	'16,315	'16,462	'16,299	'17,401	'17,758	'17,442	'17,412	'17,497	'18,070	'19,071	'20,760	'21,130	'16,462	16,504
Food stores	do.	'14,300	'15,311	'14,200	'14,392	'14,394	'14,311	'14,504	'14,189	'14,071	'14,326	'14,982	'15,431	'15,311	14,983
Apparel and accessory stores	do.	'10,561	'10,477	'11,048	'11,048	'10,914	'10,830	'10,767	'10,891	'11,501	'11,970	'12,251	'12,167	'10,477	10,012
Book value (seas. adj.), total	do.	'126,833	'128,250	'125,321	'125,242	'125,479	'124,631	'126,300	'126,662	'128,258	'129,788	'128,849	'127,619	'128,250	128,131
Durable goods stores #	do.	'59,095	'59,597	'57,918	'57,698	'57,890	'57,039	'58,225	'58,888	'60,204	'61,668	'60,581	'59,417	'59,597	59,521
Building materials and supply stores	do.	'10,164	'10,672	'10,040	'9,890	'10,001	'10,081	'10,145	'10,255	'10,223	'10,134	'10,234	'10,373	'10,672	10,725
Automotive dealers	do.	'26,296	'26,375	'25,864	'25,830	'25,813	'24,875	'26,132	'26,872	'27,831	'28,925	'27,892	'26,665	'26,375	26,047
Furniture, home furn., and equip	do.	'9,870	'10,028	'9,700	'9,624	'9,543	'9,603	'9,642	'9,736	'9,836	'9,962	'9,920	'9,956	'10,028	10,214
Nondurable goods stores #	do.	'67,738	'68,653	'67,403	'67,544	'67,589	'67,592	'68,075	'67,774	'68,054	'68,120	'68,268	'68,202	'68,653	68,610
General merch. group stores	do.	'24,020	'24,484	'23,978	'23,977	'23,983	'23,900	'24,118	'24,247	'24,333	'24,206	'24,357	'24,386	'24,484	24,408
Department stores	do.	'17,889	'18,090	'17,931	'17,921	'17,919	'17,780	'17,858	'17,872	'17,998	'17,924	'18,068	'18,075	'18,090	17,911
Food stores	do.	'14,158	'15,174	'14,402	'14,320	'14,394	'14,470	'14,600	'14,422	'14,373	'14,442	'14,546	'14,767	'15,174	15,211
Apparel and accessory stores	do.	'10,967	'10,891	'11,183	'11,273	'11,194	'11,188	'11,216	'11,079	'11,242	'11,218	'11,047	'10,912	'10,891	10,930
Firms with 11 or more stores:															
Estimated sales (unadjusted), total	mil. \$.	372,443	'388,984	'25,997	'30,101	'31,179	'31,992	'31,076	'32,291	'31,725	'31,312	'33,067	'35,274	'47,915	28,286
Durable goods stores	do.	27,216	'28,212	1,718	2,115	2,205	2,370	2,368	2,387	2,305	2,320	2,347	2,575	'3,792	1,994
Auto and home supply stores	do.	3,846	'4,059	259	323	352	346	359	370	348	345	359	362	'361	289
Nondurable goods stores #	do.	345,227	'360,772	'24,279	'27,986	'28,974	'29,622	'28,708	'29,904	'29,420	'28,992	'30,720	'32,699	'44,123	26,292
General merchandise group stores	do.	116,115	'119,163	'6,688	'8,557	'9,237	'9,737	'9,160	'9,096	'9,497	'9,115	'9,991	'12,020	'19,437	7,168
Food stores	do.	127,517	'135,387	'10,086	'10,923	'11,204	'11,081	'11,038	'12,046	'10,928	'11,201	'11,521	'11,135	'13,050	11,042
Grocery stores	do.	125,629	'133,475	'9,929	'10,779	'11,031	'11,175	'10,889	'11,886	'10,778	'11,057	'11,381	'10,987	'12,786	10,909
Apparel and accessory stores	do.	18,798	'20,143	'1,137	'1,477	'1,666	'1,606	'1,458	'1,534	'1,776	'1,611	'1,729	'1,934	'3,055	1,244
Eating places	do.	20,125	'22,138	'1,512	'1,750	'1,804	'1,925	'1,926	'2,014	'2,011	'1,856	'1,977	'1,860	'1,924	1,807
Drug stores and proprietary stores	do.	17,769	'19,085	'1,374	'1,524	'1,535	'1,550	'1,518	'1,554	'1,521	'1,507	'1,551	'1,625	'2,442	1,581
Estimated sales (sea. adj.), total #	do.			'31,752	'31,746	'31,683	'32,390	'32,122	'32,537	'32,425	'32,606	'32,560	'32,817	'33,540	33,519
Auto and home supply stores	do.			'334	'335	'333	'338	'332	'342	'337	'343	'344	'346	'339	348
Department stores	do.			'8,364	'8,428	'8,406	'8,667	'8,466	'8,572	'8,494	'8,498	'8,522	'8,547	'8,937	8,970
Variety stores	do.			'566	'593	'587	'609	'577	'600	'600	'590	'588	'600	'600	600
Grocery stores	do.			'10,923	'10,910	'11,009	'11,108	'11,077	'11,129	'11,215	'11,237	'11,224	'11,257	'11,416	11,189
Apparel and accessory stores	do.			'1,680	'1,635	'1,631	'1,697	'1,608	'1,722	'1,686	'1,656	'1,678	'1,725	'1,728	1,750
Women's clothing, spec. stores, furriers	do.			'709	'689	'682	'705	'677	'708	'696	'683	'706	'723	'736	773
Shoe stores	do.			'357	'355	'347	'376	'354	'372	'361	'354	'356	'368	'371	369
Drug stores and proprietary stores	do.			'1,554	'1,609	'1,552	'1,572	'1,576	'1,594	'1,579	'1,627	'1,638	'1,651	'1,616	1,700

LABOR FORCE, EMPLOYMENT, AND EARNINGS

POPULATION OF THE UNITED STATES																	
Total, incl. armed forces overseas †	mil.	'229.85	'232.06	'231.23	'231.38	'231.54	'231.70	'231.88	'232.06	'232.28	'232.50	'232.70	'232.90	'233.08	233.27	233.43	'233.57
<b>LABOR FORCE</b>																	
<b>Not Seasonally Adjusted</b>																	
Labor force, total, persons 16 years of age and over	thous.	110,812	112,383	110,492	110,936	110,990	112,089	113,742	114,706	114,083	112,744	112,955	113,035	112,659	111,968	111,835	112,067
Armed forces	do.	2,142	2,179	2,168	2,175	2,176	2,175	2,173	2,180	2,196	2,198	2,188	2,180	2,182	2,189	2,188	2,194
Civilian labor force, total	do.	108,670	110,204	108,324	108,761	108,814	109,914	111,569	112,526	111,887	110,546	110,767	110,855	110,477	109,779	109,647	109,873
Employed	do.	100,397	99,526	97,946	98,471	98,858	99,957	100,683	101,490	101,177	99,851	99,825	99,379	98,849	97,262	97,265	97,994
Unemployed	do.	8,273	10,678	10,378	10,290	9,957	9,957	10,886	11,036	10,710	10,695	10,942	11,476	11,628	12,517	12,382	11,879
<b>Seasonally Adjusted ††</b>																	
Civilian labor force, total	do.			109,364	109,478	109,740	110,378	110,147	110,416	110,614	110,858	110,752	111,042	111,129	110,548	110,553	110,484
Participation rate *	percent.	63.9	64.0	63.8	63.8	63.9	64.2	64.0	64.1	64.1	64.2	64.1	64.2	64.2	63.8	63.7	63.6

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982												1983		
	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>																	
<b>Seasonally Adjusted †</b>																	
Civilian labor force—Continued																	
Unemployed—Continued																	
Rates (unemployed in each group as percent of civilian labor force in the group): ‡																	
All civilian workers .....	7.6	9.7	8.8	9.0	9.3	9.4	9.5	9.8	9.9	10.2	10.5	10.7	10.8	10.4	10.3		
Men, 20 years and over .....	6.3	8.8	7.7	8.0	8.3	8.3	8.7	8.9	9.0	9.6	9.8	10.0	10.1	9.6	9.6		
Women, 20 years and over .....	6.8	8.3	7.6	7.9	8.1	8.2	8.1	8.3	8.3	8.4	8.7	9.0	9.2	9.0	8.8		
Both sexes, 16-19 years .....	19.6	23.2	22.3	21.9	22.8	22.9	22.5	23.9	23.8	23.8	24.1	24.2	24.5	22.7	23.5		
White .....	6.7	8.6	7.7	7.9	8.3	8.4	8.4	8.7	8.7	9.1	9.3	9.6	9.7	9.1	9.0		
Black and other .....	14.2	17.3	16.0	16.6	16.8	17.1	17.1	17.4	17.7	18.1	18.4	18.5	18.8	19.0	18.5		
Married men, spouse present .....	4.3	6.5	5.4	5.6	6.0	6.1	6.4	6.6	6.8	7.2	7.5	7.6	7.8	7.1	7.1		
Married women, spouse present .....	6.0	7.4	6.9	7.0	7.6	7.3	7.1	7.4	7.3	7.6	7.9	8.2	8.2	7.8	7.5		
Women who maintain families .....	10.4	11.7	10.4	10.8	11.5	11.9	12.1	12.0	11.7	12.4	11.3	12.5	13.2	13.2	13.5		
Occupation:																	
White-collar workers .....	4.0	4.9	4.6	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.2	5.5	5.6	( <sup>1</sup> )			
Blue-collar workers .....	10.3	14.3	12.5	13.0	13.5	13.6	14.0	14.4	14.4	15.5	15.8	16.2	16.3	( <sup>1</sup> )			
Industry of last job (nonagricultural):																	
Private wage and salary workers .....	7.7	10.1	9.0	9.4	9.8	9.8	10.0	10.2	10.2	10.7	11.0	11.4	11.6	*10.8	10.8		
Construction .....	15.6	20.0	18.3	18.2	19.3	18.9	19.5	20.3	20.4	22.0	22.0	21.8	22.0	20.0	19.7		
Manufacturing .....	8.3	12.3	10.6	10.7	11.3	11.5	12.2	12.1	12.4	13.6	14.1	14.8	14.8	13.0	13.3		
Durable goods .....	8.2	13.3	11.2	10.8	11.9	12.2	13.1	12.8	13.3	14.9	16.0	17.0	17.1	14.7	14.1		
<b>EMPLOYMENT †</b>																	
Employees on payrolls of nonagricultural estab.:																	
Total, not adjusted for seasonal variation ..thous..	91,105	89,630	89,413	89,679	89,984	90,455	90,570	89,238	89,058	89,520	89,533	89,487	89,358	*87,743	*87,718	*88,240	
Private sector (excl. government) .....	75,081	73,842	73,328	73,503	73,830	74,295	74,599	74,230	74,180	74,129	73,689	73,505	73,410	71,992	71,730	*72,210	
<b>Seasonally Adjusted †</b>																	
Total employees, nonagricultural payrolls .....	91,105	89,630	90,459	90,304	90,083	90,166	89,839	89,535	89,313	89,264	88,877	88,750	*88,565	*88,920	*88,735	*88,854	
Private sector (excl. government) .....	75,081	73,842	74,609	74,445	74,231	74,313	74,007	73,900	73,640	73,504	73,118	72,996	72,810	73,169	72,978	*73,137	
Nonmanufacturing industries .....	54,908	54,994	55,155	55,126	55,062	55,198	55,077	55,087	54,968	54,932	54,793	54,815	54,679	54,972	54,757	*54,874	
Goods-producing .....	25,481	23,882	24,631	24,450	24,289	24,255	23,994	23,840	23,657	23,530	23,239	23,081	22,986	*23,162	23,018	*23,025	
Mining .....	1,132	1,121	1,203	1,197	1,182	1,152	1,124	1,100	1,086	1,075	1,058	1,046	1,037	*1,027	*1,005	*994	
Construction .....	4,176	3,913	3,974	3,934	3,938	3,988	3,940	3,927	3,899	3,883	3,856	3,854	3,818	*3,927	*3,789	*3,768	
Manufacturing .....	20,173	18,848	19,454	19,319	19,169	19,115	18,930	18,813	18,672	18,572	18,325	18,181	18,131	*18,208	*18,224	*18,263	
Durable goods .....	12,117	11,112	11,575	11,490	11,375	11,332	11,203	11,133	10,993	10,900	10,666	10,550	10,519	*10,576	*10,609	*10,632	
Lumber and wood products .....	668	613	611	607	615	617	615	614	614	616	614	616	621	*633	*641	*646	
Furniture and fixtures .....	467	441	449	446	443	443	442	439	443	439	434	435	436	*436	*435	*444	
Stone, clay and glass products .....	638	577	596	590	584	586	580	579	574	571	565	556	552	*554	*554	*555	
Primary metal industries .....	1,121	918	1,024	1,007	976	945	926	906	889	865	831	813	803	*815	*806	*816	
Fabricated metal products .....	1,592	1,442	1,505	1,496	1,481	1,472	1,452	1,446	1,427	1,414	1,381	1,365	1,358	*1,368	*1,370	*1,373	
Machinery, except electrical .....	2,507	2,288	2,446	2,419	2,389	2,377	2,322	2,274	2,230	2,208	2,142	2,108	2,086	*2,067	*2,065	*2,066	
Electric and electronic equipment .....	2,092	2,011	2,048	2,038	2,034	2,034	2,026	2,018	2,011	1,995	1,969	1,963	1,946	*1,964	*1,971	*1,977	
Transportation equipment .....	1,892	1,726	1,778	1,774	1,748	1,755	1,745	1,759	1,719	1,709	1,658	1,631	1,662	*1,679	*1,708	*1,694	
Instruments and related products .....	726	705	718	716	713	713	708	708	702	701	694	689	682	*684	*682	*682	
Miscellaneous manufacturing .....	410	387	400	397	392	390	387	390	384	382	378	374	373	*376	*377	*379	
Nondurable goods .....	8,056	7,736	7,879	7,829	7,794	7,783	7,727	7,680	7,679	7,672	7,659	7,631	7,612	*7,632	*7,615	*7,631	
Food and kindred products .....	1,674	1,644	1,663	1,658	1,643	1,652	1,637	1,643	1,628	1,629	1,644	1,644	1,636	*1,637	*1,626	*1,631	
Tobacco manufactures .....	69	65	68	68	67	67	67	65	65	63	63	61	66	*67	*65	*65	
Textile mill products .....	822	748	777	760	773	759	741	741	737	735	735	726	725	*723	*723	*724	
Apparel and other textile products .....	1,244	1,158	1,201	1,186	1,165	1,165	1,161	1,126	1,145	1,143	1,141	1,134	1,131	*1,145	*1,140	*1,131	
Paper and allied products .....	687	659	670	668	664	661	658	657	653	657	650	652	650	*650	*649	*650	
Printing and publishing .....	1,265	1,270	1,276	1,278	1,274	1,274	1,269	1,267	1,269	1,269	1,268	1,266	1,265	*1,270	*1,269	*1,273	
Chemicals and allied products .....	1,107	1,074	1,093	1,088	1,082	1,079	1,073	1,068	1,070	1,066	1,061	1,059	1,054	*1,052	*1,052	*1,052	
Petroleum and coal products .....	215	206	208	207	206	205	205	205	205	209	208	206	206	*207	*206	*207	
Rubber and plastics products, nec .....	736	697	708	703	706	708	704	700	699	694	684	678	678	*680	*684	*695	
Leather and leather products .....	233	210	215	213	214	211	212	208	208	207	205	205	201	*201	*201	*203	
Service-producing .....	65,625	65,748	65,828	65,854	65,794	65,911	65,845	65,695	65,656	65,734	65,638	65,669	*65,579	*65,758	*65,717	*65,829	
Transportation and public utilities .....	5,157	5,058	5,115	5,100	5,094	5,101	5,078	5,044	5,025	5,031	5,007	4,992	4,983	*4,949	*4,937	*4,933	
Wholesale and retail trade .....	20,551	20,551	20,670	20,655	20,584	20,652	20,595	20,615	20,550	20,492	20,441	20,425	20,316	*20,487	*20,435	*20,476	
Wholesale trade .....	5,359	5,294	5,343	5,336	5,323	5,331	5,307	5,299	5,278	5,272	5,254	5,228	5,205	*5,197	*5,187	*5,198	
Retail trade .....	15,192	15,258	15,327	15,319	15,261	15,321	15,288	15,316	15,272	15,220	15,187	15,197	15,111	*15,290	*15,248	*15,278	
Finance, insurance, and real estate .....	5,301	5,350	5,326	5,336	5,335	5,342	5,352	5,359	5,360	5,367	5,357	5,363	5,377	*5,384	*5,403	*5,410	
Services .....	18,592	19,001	18,867	18,904	18,929	18,963	18,988	19,042	19,048	19,084	19,074	19,135	19,148	*19,200	*19,205	*19,293	
Government .....	16,024	15,788	15,850	15,859	15,852	15,853	15,832	15,635	15,673	15,760	15,759	15,754	*15,755	*15,738	15,737	*15,717	
Federal .....	2,722	2,739	2,737	2,736	2,730	2,728	2,739	2,737	2,740	2,731	2,740	2,745	*2,761	*2,749	2,751	*2,748	
State and local .....	13,253	13,050	13,113	13,123	13,122	13,125	13,093	12,898	12,933	13,029	13,019	13,009	12,994	*12,989	12,986	*12,969	
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted ..thous..	60,881	59,587	59,094	59,257	59,562	60,027	60,284	59,931	59,868	59,868	59,478	59,305	59,235	*57,876	*57,647	*58,055	
Manufacturing .....	14,021	12,782	13,168	13,093	12,971	12,958	12,931	12,618	12,674	12,773	12,493	12,313	12,193	*12,104	*12,146	*12,227	
<b>Seasonally Adjusted †</b>																	
Production or nonsupervisory workers on private nonagricultural payrolls † ..thous..	60,881	59,587	60,282	60,132	59,923	60,025	59,759	59,670	59,388	59,303	58,929	58,788	58,635	*58,986	*58,813	*58,933	
Goods-producing .....	18,245	16,589	17,225	17,073	16,922	16,917	16,686	16,564	16,414	16,308	16,037	15,895	15,814	*15,981	*15,840	*15,860	
Mining .....	832	804	876	871	863	835	805	782	770	763	746	739	727	*716	*694	*687	
Construction .....	3,250	3,004	3,059	3,023	3,017	3,074	3,029	3,022	2,997	2,979	2,956	2,953	2,915	*3,019	*2,878	*2,857	
Manufacturing .....	14,021	12,782	13,290	13,179	13,042	13,008	12,852	12,760	12,647	12,566							

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982												1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		

**LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued**

<b>EMPLOYMENT †—Continued</b>																
<b>Seasonally Adjusted †</b>																
Production or nonsupervisory workers—Continued																
Nondurable goods.....thous.	5,721	5,418	5,531	5,494	5,466	5,455	5,409	5,372	5,375	5,375	5,356	5,329	5,319	*5,333	*5,325	*5,339
Food and kindred products.....do.	1,151	1,127	1,142	1,138	1,125	1,133	1,121	1,129	1,115	1,116	1,128	1,128	1,124	*1,125	*1,119	*1,121
Tobacco manufactures.....do.	54	51	53	53	52	52	52	51	51	49	48	46	52	53	51	*50
Textile mill products.....do.	712	641	667	651	662	650	633	634	630	631	631	622	620	618	620	*620
Apparel and other textile products.....do.	1,059	979	1,018	1,006	987	985	982	949	967	966	963	956	954	*968	*963	*955
Paper and allied products.....do.	518	491	501	499	496	493	489	489	487	492	484	485	484	*484	*484	*484
Printing and publishing.....do.	698	696	699	701	698	699	696	694	695	695	694	693	693	692	692	*695
Chemicals and allied products.....do.	627	597	609	609	602	600	595	591	593	592	588	588	586	*584	*582	*587
Petroleum and coal products.....do.	135	123	124	124	123	123	122	122	122	122	125	124	123	*124	*125	*125
Rubber and plastics products, nec.....do.	569	534	538	534	541	543	542	541	540	535	525	517	517	*522	*532	*532
Leather and leather products.....do.	197	175	180	179	180	177	177	172	175	173	170	170	166	168	167	*170
Service-producing.....do.	42,778	42,998	43,057	43,059	43,001	43,108	43,073	43,106	42,974	42,995	42,892	42,893	42,821	*43,005	*42,973	*43,073
Transportation and public utilities.....do.	4,277	4,176	4,232	4,217	4,209	4,212	4,194	4,165	4,142	4,155	4,129	4,113	4,109	*4,080	*4,071	*4,064
Wholesale and retail trade.....do.	17,960	17,951	18,061	18,051	17,996	18,065	18,014	18,037	17,941	17,889	17,841	17,803	17,722	*17,884	*17,848	*17,873
Wholesale trade.....do.	4,360	4,276	4,327	4,317	4,301	4,309	4,287	4,282	4,260	4,253	4,237	4,209	4,192	*4,181	*4,171	*4,181
Retail trade.....do.	13,600	13,675	13,734	13,734	13,695	13,756	13,727	13,755	13,681	13,636	13,604	13,594	13,530	*13,703	*13,677	*13,692
Finance, insurance, and real estate.....do.	4,002	4,006	4,003	4,004	3,999	3,998	4,012	4,013	4,006	4,014	4,001	4,005	4,008	*4,010	*4,025	*4,026
Services.....do.	16,539	16,865	16,761	16,787	16,797	16,833	16,853	16,891	16,885	16,937	16,921	16,972	16,982	*17,031	*17,029	*17,110
<b>AVERAGE HOURS PER WEEK †</b>																
<b>Seasonally Adjusted</b>																
Avg. weekly hours per worker on private nonagric. payrolls: † Not seasonally adjusted.....hours.	35.2	34.8	34.8	34.7	34.6	34.8	35.0	35.2	35.2	34.8	34.7	34.7	35.1	34.6	34.2	*34.8
Seasonally adjusted.....do.	35.2	34.8	34.8	34.7	34.6	34.8	35.0	35.2	35.2	34.8	34.7	34.7	35.1	34.6	34.2	*34.8
Mining.....do.	43.7	42.6	43.6	43.8	42.7	42.6	42.8	42.5	42.4	41.9	41.9	41.6	42.2	42.5	*41.3	*41.1
Construction.....do.	36.9	36.8	35.9	37.0	36.7	37.5	37.5	38.0	37.6	36.9	37.1	36.1	36.8	*36.8	35.4	*36.4
Manufacturing.....do.	39.8	38.9	39.2	39.1	38.7	39.0	39.3	38.9	39.0	38.9	39.0	39.3	39.7	39.2	*38.8	*39.6
Seasonally adjusted.....do.	39.8	38.9	39.2	39.1	38.7	39.0	39.3	38.9	39.0	38.9	39.0	39.3	39.7	39.2	*38.8	*39.6
Overtime hours.....do.	2.8	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	*2.6
Durable goods.....do.	40.2	39.3	39.8	39.5	39.5	39.6	39.7	39.7	39.4	38.9	39.0	39.2	39.2	40.2	*39.5	*40.1
Overtime hours.....do.	2.8	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.1	2.1	*2.2
Lumber and wood products.....do.	38.7	38.0	37.9	37.6	37.6	38.5	38.7	38.6	38.2	38.5	38.0	38.5	38.5	40.8	*39.4	*39.8
Furniture and fixtures.....do.	38.4	37.3	37.7	37.3	37.4	37.5	37.8	37.6	37.9	37.4	37.5	37.6	37.7	*38.8	*37.7	*38.0
Stone, clay, and glass products.....do.	40.6	40.1	40.1	40.0	40.0	40.2	40.4	40.6	40.3	40.2	40.2	40.0	40.0	*41.6	*40.2	*40.6
Primary metal industries.....do.	40.5	38.6	39.4	38.8	38.5	38.5	38.9	38.9	38.8	37.8	38.0	38.2	38.9	*38.9	*38.9	*39.5
Fabricated metal products.....do.	40.3	39.2	39.7	39.5	39.4	39.5	39.4	39.5	39.2	38.8	38.9	39.0	39.1	39.8	*39.8	*40.2
Machinery, except electrical.....do.	40.9	39.6	40.7	40.2	40.1	39.8	39.6	39.8	39.5	39.0	39.2	39.2	39.3	39.7	39.3	*39.7
Electric and electronic equipment.....do.	39.9	39.3	39.8	39.4	39.3	39.4	39.5	39.8	39.3	38.8	39.0	39.2	39.3	*39.9	*39.3	*40.0
Transportation equipment.....do.	40.9	40.5	40.5	40.4	41.1	41.1	41.6	41.0	40.5	39.8	40.1	40.8	39.9	*41.7	*41.0	*41.5
Instruments and related products.....do.	40.4	39.8	39.9	39.9	39.9	40.2	40.1	40.1	39.8	39.4	39.2	39.6	40.6	39.4	39.4	*40.2
Miscellaneous manufacturing.....do.	38.8	38.5	38.6	38.6	38.5	38.7	38.6	38.7	38.6	38.3	38.6	38.6	38.4	*39.4	*37.9	*39.0
Nondurable goods.....do.	39.1	38.4	38.9	38.5	38.4	38.5	38.6	38.6	38.5	38.6	38.5	38.5	38.5	39.3	*38.5	*39.0
Overtime hours.....do.	2.8	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	*2.8
Food and kindred products.....do.	39.7	39.5	40.2	39.5	39.4	39.4	39.5	39.5	39.1	39.4	39.7	39.4	39.2	*39.4	*39.0	*38.9
Tobacco manufactures.....do.	38.8	37.8	38.3	37.3	36.6	37.2	38.4	36.8	38.1	39.7	39.0	38.0	37.9	*36.5	*34.2	*36.3
Textile mill products.....do.	39.6	37.5	38.3	37.6	37.7	37.9	37.8	37.7	38.2	38.1	38.2	38.6	38.4	40.3	*39.0	*39.4
Apparel and other textile products.....do.	35.7	34.7	35.5	35.0	34.7	34.8	35.1	35.2	35.0	35.2	35.0	35.1	35.0	36.9	34.9	*35.5
Paper and allied products.....do.	42.5	41.8	42.3	41.8	42.1	41.8	42.0	41.9	41.7	41.5	41.7	41.6	41.6	41.7	*41.3	*41.8
Printing and publishing.....do.	37.3	37.0	37.4	37.1	37.1	36.8	37.1	37.0	36.8	37.0	36.9	37.1	37.1	37.6	37.0	*37.6
Chemicals and allied products.....do.	41.6	40.9	41.2	40.7	40.7	41.0	41.0	40.9	40.9	41.2	40.8	40.6	40.9	*41.1	*41.0	*41.5
Petroleum and coal products.....do.	43.2	43.9	43.5	43.5	44.0	44.1	44.1	43.3	43.9	44.0	43.3	43.9	44.4	*44.6	*44.6	*44.8
Rubber and plastics products, nec.....do.	40.3	39.6	40.0	39.6	39.8	39.9	40.1	40.2	39.7	39.6	39.0	39.3	39.6	40.2	*39.7	*40.7
Leather and leather products.....do.	36.8	35.6	35.6	35.8	35.6	35.6	35.7	36.1	36.0	35.7	35.2	35.9	35.8	*36.7	*34.9	*36.4
Transportation and public utilities.....do.	39.4	39.0	39.2	39.0	38.8	38.8	39.2	39.2	39.3	38.8	38.8	39.0	39.1	*38.3	*38.3	*38.6
Wholesale and retail trade.....do.	32.2	31.9	32.0	31.9	31.8	32.0	31.9	31.9	31.9	32.1	31.9	31.8	32.1	32.0	*31.3	*32.1
Wholesale trade.....do.	38.6	38.5	38.5	38.4	38.3	38.5	38.6	38.5	38.5	38.4	38.3	38.4	38.4	*38.7	*38.2	*38.4
Retail trade.....do.	30.1	29.9	29.9	29.8	29.8	30.0	29.8	29.9	30.1	29.9	30.1	29.8	30.2	30.0	*29.2	*30.2
Finance, insurance, and real estate.....do.	36.3	36.2	36.2	36.3	36.2	36.3	36.1	36.2	36.3	36.1	36.2	36.2	36.3	*36.5	*36.0	*35.9
Services.....do.	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.8	32.6	32.6	32.7	32.8	32.5	*32.7
<b>AGGREGATE EMPLOYEE-HOURS †</b>																
<b>Seasonally Adjusted</b>																
Employee-hours, wage & salary workers in non-agric. establish, for 1 week in the month, seas adj. at annual rate.....bil. hours.	*169.92	*165.95	*168.82	*167.81	*167.12	*167.88	*166.40	*166.04	*165.50	*165.48	*164.27	*163.32	*164.13	*165.80	*163.80	*164.84
Total private sector.....do.	*139.00	*135.33	*137.69	*136.49	*135.87	*136.68	*135.67	*135.64	*135.03	*134.76	*133.58	*133.19	*133.26	*134.77	*132.81	*134.04
Mining.....do.	2.58	2.49	2.73	2.73	2.65	2.58	2.51	2.45	2.38	2.34	2.29	2.26	2.26	*2.30	*2.17	*2.13
Construction.....do.	8.01	7.47	7.76	7.61	7.53	7.75	7.49	7.56	7.47	7.30	7.30	7.31	7.28	7.98	7.30	*7.17
Manufacturing.....do.	*41.64	*38.33	*39.82	*39.20	*38.81	*38.94	*38.68	*38.47	*38.12	*37.71	*37.24	*36.95	*36.74	*37.26	*37.07	*37.39
Transportation and public utilities.....do.	10.57	*10.28	10.46	10.40	10.36	10.37	10.34	10.27	10.22	10.16	10.13	10.09	*10.08	*9.93	*9.86	*9.95
Wholesale and retail trade.....do.	34.54	34.32	34.64	34.36	34.26	34.60	34.32	34.48	34.38	34.45	34.13	33.95	34.04	*34.22	*33.56	*34.34
Finance, insurance, and real estate.....do.	10.01	10.09	10.01	10.06	10.05	10.14	10.09	10.09	10.12	10.13	10.08	10.10	10.16	*10.20	*10.12	*10.11
Services.....do.	31.65	32.35	32.27	32.14	32.21	32.29	32.24	32.33	32.33	32.66	32.41	32.53	32.69	*32.89	*32.73	*32.94
Government.....do.	30.91	*30.62	31.13	31.32	31.25	31.20	30.									

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	Annual	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 .....	dollars.	7.25	7.67	7.54	7.55	7.58	7.63	7.64	7.67	7.70	7.76	7.79	7.81	7.82	*7.90	*7.91	*7.89
Mining .....	do.	10.05	10.82	10.62	10.62	10.65	10.66	10.82	10.91	10.93	11.04	11.02	11.06	11.08	*11.27	*11.31	*11.18
Construction .....	do.	10.80	11.56	11.32	11.33	11.32	11.46	11.41	11.53	11.60	11.68	11.82	11.66	11.90	*11.89	*11.94	*11.86
Manufacturing .....	do.	7.99	8.50	8.34	8.37	8.42	8.45	8.50	8.55	8.51	8.59	8.56	8.61	8.69	*8.71	*8.74	*8.75
Excluding overtime .....	do.	7.72	8.25	8.10	8.13	8.19	8.22	8.25	8.31	8.26	8.33	8.31	8.36	8.42	*8.47	*8.49	*8.48
Durable goods .....	do.	8.53	9.05	8.89	8.91	8.94	9.01	9.06	9.11	9.09	9.16	9.13	9.17	9.23	*9.26	*9.30	*9.30
Excluding overtime .....	do.	8.25	8.81	8.65	8.68	8.72	8.77	8.81	8.87	8.84	8.91	8.89	8.92	8.97	*9.02	*9.05	*9.02
Lumber and wood products .....	do.	7.00	7.50	7.27	7.28	7.24	7.41	7.59	7.64	7.61	7.70	7.61	7.63	7.59	*7.72	*7.76	*7.69
Furniture and fixtures .....	do.	5.91	6.32	6.19	6.21	6.21	6.23	6.30	6.34	6.39	6.41	6.41	6.44	6.47	*6.50	*6.51	*6.52
Stone, clay, and glass products .....	do.	8.27	8.87	8.62	8.65	8.72	8.80	8.86	8.93	8.93	9.03	9.04	9.04	9.08	*9.12	*9.11	*9.13
Primary metal industries .....	do.	10.81	11.33	11.20	11.15	11.24	11.23	11.31	11.37	11.49	11.54	11.42	11.49	11.49	*11.57	*11.51	*11.51
Fabricated metal products .....	do.	8.20	8.78	8.57	8.64	8.69	8.79	8.83	8.85	8.85	8.90	8.85	8.90	8.97	*8.98	*9.03	*9.02
Machinery, except electrical .....	do.	8.81	9.28	9.20	9.18	9.24	9.26	9.27	9.30	9.33	9.40	9.34	9.36	9.41	*9.38	*9.41	*9.44
Electric and electronic equipment .....	do.	7.62	8.17	7.96	8.01	8.03	8.05	8.09	8.18	8.24	8.31	8.34	8.38	8.45	*8.48	*8.52	*8.51
Transportation equipment .....	do.	10.39	11.12	10.82	10.89	10.89	11.08	11.21	11.25	11.18	11.24	11.30	11.35	11.44	*11.41	*11.48	*11.52
Instruments and related products .....	do.	7.43	8.26	7.94	8.00	8.07	8.16	8.23	8.31	8.40	8.44	8.48	8.57	8.66	*8.75	*8.77	*8.77
Miscellaneous manufacturing .....	do.	5.96	6.42	6.29	6.32	6.35	6.38	6.41	6.40	6.39	6.49	6.50	6.56	6.66	*6.71	*6.72	*6.73
Nondurable goods .....	do.	7.18	7.73	7.54	7.57	7.65	7.66	7.70	7.77	7.74	7.84	7.81	7.88	7.96	*7.98	*7.99	*8.01
Excluding overtime .....	do.	6.93	7.49	7.31	7.34	7.43	7.43	7.46	7.53	7.48	7.56	7.55	7.62	7.70	*7.73	*7.75	*7.74
Food and kindred products .....	do.	7.43	7.89	7.74	7.79	7.90	7.92	7.90	7.88	7.85	7.91	7.88	8.00	8.06	*8.08	*8.09	*8.12
Tobacco manufactures .....	do.	8.88	9.78	9.56	9.72	10.05	9.93	10.35	10.42	9.53	9.57	9.50	10.16	9.63	*9.87	*9.95	*10.27
Textile mill products .....	do.	5.52	5.83	5.76	5.76	5.79	5.79	5.81	5.82	5.86	5.87	5.92	6.03	6.08	*6.10	*6.10	*6.10
Apparel and other textile products .....	do.	4.96	5.18	5.13	5.15	5.18	5.16	5.18	5.17	5.18	5.20	5.19	5.22	5.26	*5.31	*5.32	*5.31
Paper and allied products .....	do.	8.60	9.32	8.99	9.03	9.11	9.14	9.28	9.41	9.45	9.63	9.54	9.60	9.66	*9.66	*9.65	*9.66
Printing and publishing .....	do.	8.18	8.73	8.56	8.59	8.59	8.61	8.66	8.74	8.79	8.90	8.87	8.91	8.99	*8.96	*8.98	*9.04
Chemicals and allied products .....	do.	9.12	9.98	9.68	9.71	9.81	9.83	9.95	10.02	10.03	10.20	10.24	10.28	10.34	*10.44	*10.44	*10.44
Petroleum and coal products .....	do.	11.38	12.46	12.29	12.32	12.50	12.52	12.53	12.42	12.42	12.62	12.57	12.69	12.72	*13.17	*13.24	*13.22
Rubber and plastics products, nec .....	do.	7.16	7.63	7.49	7.45	7.52	7.56	7.64	7.65	7.64	7.76	7.72	7.79	7.89	*7.89	*7.89	*7.89
Leather and leather products .....	do.	4.99	5.33	5.22	5.24	5.32	5.32	5.36	5.30	5.33	5.41	5.39	5.41	5.44	*5.51	*5.51	*5.54
Transportation and public utilities .....	do.	9.70	10.31	10.13	10.07	10.14	10.17	10.20	10.29	10.43	10.46	10.48	10.59	10.62	*10.69	*10.67	*10.65
Wholesale and retail trade .....	do.	5.93	6.22	6.16	6.16	6.18	6.20	6.20	6.21	6.22	6.26	6.30	6.32	6.29	*6.44	*6.47	*6.42
Wholesale trade .....	do.	7.57	8.06	7.94	7.93	7.97	8.03	8.01	8.07	8.11	8.24	8.17	8.18	8.24	*8.34	*8.32	*8.29
Retail trade .....	do.	5.25	5.49	5.42	5.43	5.44	5.47	5.47	5.48	5.48	5.52	5.54	5.58	5.56	*5.67	*5.71	*5.68
Finance, insurance, and real estate .....	do.	6.31	6.78	6.62	6.59	6.64	6.77	6.71	6.78	6.87	6.90	6.97	7.01	7.01	*7.23	*7.24	*7.23
Services .....	do.	6.41	6.91	6.79	6.77	6.81	*6.85	6.84	6.87	6.90	6.99	7.05	7.08	7.12	*7.19	*7.18	*7.17
<b>Seasonally adjusted:</b>																	
Private nonagricultural payrolls .....	dollars.	7.25	7.67	7.53	7.54	7.59	7.65	7.67	7.71	7.74	7.72	7.77	7.79	7.82	*7.87	*7.89	*7.88
Mining .....	do.	10.05	10.82	10.62	10.62	10.65	10.66	10.82	10.91	10.93	11.04	11.02	11.07	11.09	*11.27	*11.31	*11.18
Construction .....	do.	10.80	11.56	11.34	11.39	11.43	11.54	11.51	11.56	11.58	11.56	11.71	11.61	11.85	*11.81	*11.96	*11.92
Manufacturing .....	do.	7.99	8.50	8.34	8.37	8.44	8.48	8.52	8.56	8.57	8.56	8.56	8.61	8.62	*8.67	*8.75	*8.75
Transportation and public utilities .....	do.	9.70	10.31	10.13	10.15	10.18	10.24	10.30	10.40	10.43	10.37	10.43	10.51	10.58	*10.68	*10.67	*10.75
Wholesale and retail trade .....	do.	5.93	6.22	6.10	6.12	6.16	6.20	6.22	6.23	6.26	6.25	6.32	6.34	6.36	*6.41	*6.38	*6.38
Finance, insurance, and real estate .....	do.	6.31	6.78	6.62	6.59	6.64	6.77	6.71	6.78	6.87	6.90	6.97	7.01	7.08	*7.23	*7.24	*7.23
Services .....	do.	6.41	6.91	6.72	6.72	6.80	6.85	6.90	6.96	7.00	7.01	7.04	7.04	7.11	*7.11	*7.12	*7.12
<b>Indexes of avg. hourly earnings, seas. adj.: ¶</b>																	
<b>Private nonfarm economy:</b>																	
Current dollars, 1977=100 .....	do.	138.9	148.4	145.0	145.4	146.3	147.7	148.1	148.9	149.9	150.1	150.8	151.2	152.1	*152.8	*153.2	*153.4
1977 dollars † .....	do.	92.6	93.1	93.5	93.7	93.5	93.5	92.9	92.8	93.1	93.2	93.2	*93.5	*94.3	*94.8	*95.2	*95.0
Mining .....	do.	148.3	159.4	156.0	156.0	156.5	156.8	159.6	161.3	161.5	163.2	162.5	163.3	*163.4	*165.2	*165.5	*164.2
Construction .....	do.	131.9	140.4	137.9	138.1	138.7	139.9	139.7	140.6	140.7	140.4	142.3	141.0	143.8	*143.8	*145.4	*144.5
Manufacturing .....	do.	141.9	152.5	149.1	149.9	150.8	151.8	152.5	153.3	154.2	154.7	154.6	155.3	155.6	*156.6	*157.3	*157.3
Transportation and public utilities .....	do.	139.4	149.0	146.0	146.3	146.9	148.2	149.1	148.9	150.3	149.9	151.1	152.3	153.4	*155.1	*155.0	*155.9
Wholesale and retail trade .....	do.	138.2	145.4	142.5	142.8	143.7	145.1	145.2	145.7	146.5	146.8	147.6	148.1	148.6	*148.9	*149.4	*149.7
Finance, insurance, and real estate .....	do.	138.1	148.4	143.3	143.8	144.9	148.0	147.2	148.6	150.6	151.3	152.9	152.7	153.6	*156.9	*156.2	*157.3
Services .....	do.	137.3	147.6	143.7	143.9	145.1	146.5	147.3	148.7	149.7	149.7	150.8	150.9	152.4	*152.0	*152.4	*152.4
<b>Hourly wages, not seasonally adjusted:</b>																	
<b>Construction wages, 20 cities (ENR): §</b>																	
Common labor .....	\$ per hr.	12.92	14.28	13.83	13.83	13.85	14.15	14.15	14.45	14.56	14.64	14.64	14.69	14.77	14.86	14.92	14.92
Skilled labor .....	do.	16.78	18.56	17.99	18.00	18.07	18.39	18.40	18.70	18.98	18.99	19.01	19.10	19.26	19.34	19.46	19.46
<b>Farm (U.S.) wage rates, hired workers, by method of pay:</b>																	
All workers, including piece-rate .....	\$ per hr.																
All workers, other than piece-rate .....	do.																
Workers receiving cash wages only .....	do.																
Workers paid per hour, cash wages only .....	do.																
Railroad wages (average, class I) .....	do.	10.64	11.51	11.39	11.09	11.22	11.29	11.29	11.54	11.55	11.59	11.64	12.07	12.17	12.53		
<b>Avg. weekly earnings per worker, private nonfarm: ¶</b>																	
Current dollars, seasonally adjusted .....	dollars.	254.74	266.92	263.55	263.15	264.89	267.75	267.68	269.08	269.35	268.66	269.62	270.31	*272.14	*276.24	271.42	*275.01
1977 dollars, seasonally adjusted † .....	do.	170.13	167.87	169.16	169.12	169.69	169.78	167.93	167.76	167.40	166.77	166.53	*167.17	*168.61	*171.26	*168.69	*170.28
<b>Spendable earnings (worker with 3 dependents):</b>																	
Current dollars, seasonally adjusted .....	do.	220.57															
1977 dollars, seasonally adjusted † .....	do.	147.05															

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

**LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued**

<b>WORK STOPPAGES †</b>																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year .....	number..	145	90	2	3	9	14	17	11	14	14	3	1	0	1	4
Workers involved in stoppages:																
Beginning in month or year .....	thous..	729	646	3	8	36	44	41	36	40	390	40	2	0	1	13
Days idle during month or year .....	do....	16,908	8,962	237	352	480	636	894	831	757	2,091	912	806	764	795	838
<b>UNEMPLOYMENT INSURANCE</b>																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly # @ .....	thous..	3,410	4,590	4,723	4,892	4,760	4,387	4,328	4,495	4,398	4,282	4,391	4,635	5,078	5,459	5,436
State programs (excl. extended duration prov.):																
Initial claims .....	thous..	*23,939	30,298	2,272	2,418	2,347	1,989	2,399	2,658	2,358	2,342	2,443	2,661	3,080	3,143	*2,142
Insured unemployment, avg. weekly .....	do....	3,048	4,057	4,376	4,282	4,067	3,729	3,707	3,912	3,831	3,712	3,828	4,156	4,581	4,923	4,759
Percent of covered employment: @@ .....																
Unadjusted .....		3.5	4.6	5.0	4.9	4.6	4.3	4.5	4.4	4.2	4.4	4.7	5.2	5.6	5.6	5.6
Seasonally adjusted .....				4.0	4.3	4.6	4.6	4.7	4.5	4.7	5.0	5.3	5.0	4.5	4.5	4.5
Beneficiaries, average weekly .....	thous..	*2,614	3,558	3,908	*3,946	3,672	3,257	*3,329	*3,332	*3,414	3,306	3,282	*3,448	3,886	*4,071	4,004
Benefits paid @ .....	mil. \$.	*13,257.8	*21,482.8	*1,783.4	*2,075.5	1,849.9	1,573.4	1,692.2	1,682.1	*1,747.3	*1,711.3	*1,647.3	*1,820.0	2,135.3	*2,087.8	1,970.5
Federal employees, insured unemployment, average weekly .....	thous..	32	32	40	38	33	29	28	29	27	26	28	31	33	35	33
Veterans' program (UCX):																
Initial claims .....	do....	193	136	8	10	9	8	10	10	11	11	10	17	24	21	16
Insured unemployment, avg. weekly .....	do....	41	11	13	11	10	9	8	7	7	8	9	14	26	37	37
Beneficiaries, average weekly .....	do....	41	9	12	10	8	7	7	6	5	6	7	8	20	*30	34
Benefits paid .....	mil. \$.	*280.7	55.3	5.3	5.1	4.0	3.4	3.3	2.8	2.8	2.9	3.4	4.0	11.2	*15.9	17.2
Railroad program:																
Applications .....	thous..	184	244	11	9	5	5	36	70	20	14	20	17	17	20	7
Insured unemployment, avg. weekly .....	do....	40	62	67	65	52	43	41	54	59	65	73	78	81	95	76
Benefits paid .....	mil. \$.	210.8	338.7	28.0	33.9	26.3	19.1	18.6	18.0	27.0	31.1	31.6	35.1	39.5	44.5	33.1

**FINANCE**

<b>BANKING</b>																	
Open market paper outstanding, end of period:																	
Bankers' acceptances .....	mil. \$.	69,226	79,543	70,468	71,619	71,128	71,601	71,765	72,559	72,709	73,818	75,811	77,125	79,543			
Commercial and financial co. paper, total .....	do....	161,114	*162,994	*167,616	*166,527	*172,697	176,937	180,015	180,878	174,094	171,627	170,365	166,941	*162,994	*167,745	169,252	
Financial companies .....	do....	111,908	*118,813	*110,812	*109,811	*113,943	117,918	121,083	122,885	117,202	115,216	115,530	115,650	*118,813	*120,532	122,257	
Dealer placed .....	do....	30,357	34,818	30,974	31,844	32,723	34,336	35,446	36,983	36,657	35,584	35,893	36,147	34,818	36,631	38,304	
Directly placed .....	do....	81,551	*83,995	*79,838	*77,967	*81,220	83,582	85,637	85,902	80,545	79,632	79,637	79,503	*83,995	*83,901	83,953	
Nonfinancial companies .....	do....	49,206	44,181	56,804	56,716	58,754	59,019	58,932	57,993	56,892	56,411	54,835	51,291	44,181	47,213	46,995	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																	
Total, end of period .....	mil. \$.	78,206	80,408	79,035	79,758	80,695	80,972	81,415	81,659	81,564	81,566	81,352	80,766	80,408	80,202	80,356	
Farm mortgage loans:																	
Federal land banks .....	do....	46,463	50,375	47,324	47,966	48,425	48,838	49,289	49,582	49,845	50,006	50,160	50,292	50,375	50,364	50,429	
Loans to cooperatives .....	do....	9,124	8,423	9,760	9,581	9,758	9,260	8,670	8,355	8,034	8,078	8,288	8,477	8,423	8,882	9,102	
Other loans and discounts .....	do....	22,619	21,609	21,951	22,211	22,512	22,874	23,456	23,722	23,685	23,464	22,904	21,998	21,609	20,955	20,825	
Federal Reserve banks, condition, end of period:																	
Assets, total # .....	mil. \$.	176,778	190,128	170,321	172,249	182,959	173,574	173,810	177,673	180,258	180,647	186,454	187,494	190,128	176,424	183,117	182,445
Reserve bank credit outstanding, total # .....	do....	143,906	153,769	138,575	139,700	148,335	141,249	140,244	143,812	144,502	146,838	142,629	149,394	153,769	142,656	142,975	148,860
Time loans .....	do....	1,601	717	1,180	2,646	1,799	1,058	1,638	458	449	1,123	438	374	717	354	1,155	2,808
U.S. Government securities .....	do....	130,954	139,312	125,410	125,589	134,257	129,407	127,005	132,640	132,858	134,393	132,080	137,676	139,312	132,368	135,561	136,651
Gold certificate account .....	do....	11,151	11,148	11,150	11,150	11,149	11,149	11,149	11,149	11,148	11,148	11,148	11,148	11,148	11,148	11,139	11,138
Liabilities, total # .....	do....	176,778	190,128	170,321	172,249	182,959	173,574	173,810	177,673	180,258	180,647	186,454	187,494	190,128	176,424	183,117	182,445
Deposits, total .....	do....	30,816	34,334	29,630	30,073	38,357	26,834	25,325	29,893	29,076	32,095	36,638	29,884	34,334	26,275	29,160	28,100
Member-bank reserve balances .....	do....	25,228	26,489	24,964	26,387	24,702	23,463	20,198	24,974	24,999	20,318	24,678	26,533	26,489	22,683	22,468	23,419
Federal Reserve notes in circulation .....	do....	131,906	141,990	126,869	128,855	130,189	132,619	134,228	134,115	135,374	135,197	136,048	139,989	141,990	137,667	139,060	141,497
All member banks of Federal Reserve System, averages of daily figures:																	
Reserves held, total .....	mil. \$.	*41,918	*41,853	41,280	39,230	39,558	39,552	39,567	39,864	40,177	39,963	40,587	41,199	41,853	41,862	*39,787	37,870
Required .....	do....	*41,606	*41,353	40,981	38,873	39,284	39,192	39,257	39,573	39,866	39,579	40,183	40,797	41,353	41,316	*39,362	37,601
Excess .....	do....	*312	*500	299	357	274	360	310	291	311	384	404	402	500	546	*425	269
Borrowings from Federal Reserve banks .....	do....	*642	*697	1,713	1,611	1,581	1,105	1,205	669	510	976	455	579	697	500	*557	854
Free reserves .....	do....	*-277	*-164	-1,282	-1,080	-1,140	-508	-656	-153	-80	-490	35	-130	-164	79	*-93	-532
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																	
Deposits:																	
Demand, adjusted \$ .....	mil. \$.	108,595	109,585	95,763	101,111	93,899	95,162	102,251	97,253	102,733	96,774	104,673	107,467	109,585	103,892	105,018	103,300
Demand, total # .....	do....	187,518	189,652	169,273	172,922	157,817	179,348	178,400	158,754	182,441	164,559	187,996	190,848	189,652	173,523	182,699	173,389
Individuals, partnerships, and corp. .....	do....	140,376	139,364	125,658	131,914	120,374	133,664	133,059	120,177	136,241	124,088	139,931	143,159	139,364	131,271	136,570	130,202
State and local governments .....	do....	5,235	5,487	4,492	5,135	4,833	4,514	5,706	4,586	4,843	4,488	5,391	5,238	5,487	5,722	5,533	4,439
U.S. Government .....	do....	2,148	1,767	3,331	1,113	2,958	1,148	2,327	1,575	899	1,874	3,014	1,064	1,767	1,213	2,580	2,095
Domestic commercial banks .....	do....	21,896	23,613	19,762	19,693	16,142	23,720	20,459	17,299	20,735	17,939	22,492	23,374	23,613	19,964	20,790	18,668
Time, total # .....	do....	362,502	406,773	370,510	372,466	373,295	380,789	384,708	392,964	401,138	401,322	403,346	400,640	406,773	416,773	415,929	415,145
Individuals, partnerships, and corp.:																	
Savings .....	do....	76,971	110,640	79,314	80,452	78,782	80,675	79,522	78,780	80,857	79,876	85,214	85,764	110,640	147,742	159,156	164,469
Other time .....	do....	250,511	258,127	253,938	255,796	257,446	262,910	269,310	276,169	280,507	281,554	278,990	276,282	258,127	233,046	221,957	216,971
Loans (adjusted), total \$ .....	do....	470,988	505,603	472,077	476,386	479,074	485,664	490,410	487,857	495,076	499,214	503,444	503,395	505,603	507,196	507,802	503,066
Commercial and industrial .....	do....	195,499	216,860	198,918	202,806	204,727	209,013	212,198	210,394	212,637	217,148	216,754	216,892	216,860	218,565	218,288	216,608
For purchasing or carrying securities .....	do....	10,756	11,223	9,162	7,781	7,483	9,056	8,685	9,421	10,257	10,495	12,207	11,627	11,223	9,758	11,151	10,811
To nonbank financial institutions .....	do....	26,729	26,926	26,786	27,9												

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983			
	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. \$.	1,316.3	1,412.1	1,332.4	1,342.5	1,352.5	1,362.0	1,368.8	1,376.1	1,383.1	1,389.4	1,397.5	1,398.5	1,412.1	1,428.2	1,436.5	1,450.2
U.S. Treasury securities..... do.....	111.0	130.9	115.1	114.4	116.6	116.3	115.8	116.5	117.8	118.2	122.3	126.4	130.9	139.8	144.5	151.0
Other securities..... do.....	231.4	239.1	232.0	233.1	234.0	234.9	235.9	235.9	237.1	237.6	237.2	235.8	239.1	243.3	243.2	242.8
Total loans and leases [.....] do.....	973.9	1,042.0	985.2	995.0	1,002.0	1,010.8	1,017.1	1,023.7	1,028.3	1,033.5	1,038.1	1,036.4	1,042.0	1,045.1	1,048.8	1,056.3
Money and interest rates:																
Discount rate (N.Y.F.R. Bank) @ @ ..... percent..	13.41	11.02	12.00	12.00	12.00	12.00	12.00	11.81	10.68	10.00	9.68	9.35	8.73	8.50	8.50	8.50
Federal intermediate credit bank loans..... do.....	*14.20	*13.56	14.45	14.11	14.14	13.93	13.73	13.63	13.43	13.21	12.90	12.48	12.14	11.58	11.11	*10.83
Home mortgage rates (conventional 1st mortgages):																
New home purchase (U.S. avg.)..... percent..	*14.13	*14.49	14.44	14.93	15.13	15.11	14.74	15.01	15.05	14.34	13.86	13.26	13.09	13.00	12.62	12.97
Existing home purchase (U.S. avg.)..... do.....	*14.51	*14.78	15.22	15.07	15.39	15.57	15.01	14.96	15.03	14.71	14.37	13.74	13.44	13.04	12.88	12.61
Open market rates, New York City:																
Bankers' acceptances, 90 days..... do.....	*15.32	*11.89	14.47	13.73	13.95	13.29	14.00	12.90	10.34	10.40	9.24	8.76	8.54	8.19	8.36	8.54
Commercial paper, 6-month [.....] do.....	*14.76	*11.89	14.27	13.47	13.64	13.02	13.79	13.00	10.80	10.86	9.21	8.72	8.50	8.15	8.39	8.48
Finance co. paper placed directly, 6-mo @ ..... do.....	*13.73	*11.20	13.58	12.89	13.09	12.61	12.69	12.15	9.93	9.63	8.60	8.42	8.20	7.97	8.26	8.35
Yield on U.S. Government securities (taxable):																
3-month bills (rate on new issue)..... percent..	*14.077	*10.686	13.780	12.493	12.821	12.148	12.108	11.914	9.006	8.196	7.750	8.042	8.013	7.810	8.130	8.304
<b>CONSUMER INSTALLMENT CREDIT</b>																
Total extended and liquidated:																
Unadjusted:																
Extended..... mil. \$.	*334,508	*344,901	*23,009	*28,250	*28,881	*28,871	*31,655	*27,881	*30,138	*29,554	*27,929	*31,423	*34,567			
Liquidated..... do.....	*316,291	*331,805	*25,467	*28,287	*27,213	*27,445	*28,711	*26,896	*28,453	*27,056	*28,926	*29,522	*28,143			
Seasonally adjusted:																
Extended, total #..... do.....			*27,182	*27,356	*28,765	*29,517	*30,034	*27,982	*28,024	*28,619	*28,650	*31,691	*30,777			
By major holder:																
Commercial banks..... do.....			*12,539	*12,764	*13,153	*13,206	*13,819	*12,958	*12,984	*13,219	*13,754	*14,806	*14,236			
Finance companies..... do.....			*4,703	*4,760	*5,350	*6,027	*5,781	*4,646	*4,580	*4,841	*4,533	*6,099	*5,861			
Credit unions..... do.....			*2,713	*2,774	*2,928	*2,828	*2,889	*2,737	*2,916	*3,047	*2,963	*3,434	*3,295			
Retailers..... do.....			*4,353	*4,489	*4,511	*4,593	*4,826	*4,740	*4,470	*4,621	*4,457	*4,444	*4,446			
By major credit type:																
Automobile..... do.....			*7,127	*7,072	*7,987	*8,471	*8,364	*7,376	*7,162	*7,488	*8,041	*10,177	*9,716			
Revolving..... do.....			*11,968	*12,329	*12,487	*12,775	*13,367	*12,658	*12,728	*12,705	*12,614	*12,778	*12,491			
Mobile home..... do.....			*441	*453	*533	*501	*498	*507	*615	*522	*543	*486	*473			
Liquidated, total #..... do.....			*27,015	*26,723	*27,142	*27,673	*28,011	*27,143	*27,768	*27,363	*28,781	*29,676	*28,359			
By major holder:																
Commercial banks..... do.....			*12,462	*12,344	*12,473	*12,708	*13,373	*12,671	*13,005	*12,531	*13,681	*14,349	*13,125			
Finance companies..... do.....			*4,601	*4,556	*4,719	*5,000	*4,714	*4,494	*4,772	*4,735	*4,905	*5,048	*4,837			
Credit unions..... do.....			*2,823	*2,774	*2,818	*2,877	*2,810	*2,784	*2,759	*2,792	*2,925	*3,022	*3,098			
Retailers..... do.....			*4,413	*4,368	*4,457	*4,406	*4,429	*4,494	*4,513	*4,552	*4,524	*4,495	*4,537			
By major credit type:																
Automobile..... do.....			*7,272	*7,353	*7,441	*7,378	*7,395	*7,339	*7,542	*7,139	*8,111	*8,643	*8,225			
Revolving..... do.....			*11,866	*11,806	*11,834	*12,024	*12,640	*12,100	*12,529	*12,994	*12,533	*12,739	*11,990			
Mobile home..... do.....			*457	*420	*465	*405	*403	*399	*438	*447	*578	*463	*510			
Total outstanding, end of year or month #..... do.....	*331,697	*344,798	*326,301	*326,265	*327,933	*329,358	*332,303	*333,285	*334,971	*337,469	*336,473	*338,372	*344,798	343,355	341,545	
By major holder:																
Commercial banks..... do.....	*147,622	*152,069	*145,788	*145,588	*146,186	*146,167	*147,227	*147,559	*148,438	*149,801	*149,528	*149,651	*152,069	150,906	150,257	
Finance companies..... do.....	89,818	94,322	89,009	89,591	90,674	91,958	93,009	93,353	93,207	93,357	92,541	93,462	94,322	95,080	93,859	
Credit unions..... do.....	45,954	47,253	45,586	45,632	45,450	45,472	45,882	45,698	46,154	46,846	46,645	46,832	47,253	47,150	47,833	
Retailers..... do.....	29,551	30,202	27,013	26,530	26,537	26,536	26,645	26,710	26,751	26,829	27,046	27,639	30,202	28,859	27,734	
By major credit type:																
Automobile..... do.....	*125,331	*130,227	*124,498	*124,917	*125,693	*126,838	*128,143	*128,110	*128,051	*128,865	*128,375	*129,299	*130,227	129,090	129,081	
Revolving..... do.....	*62,819	*67,184	*59,539	*58,646	*58,940	*59,111	*59,946	*60,556	*61,293	*61,845	*61,836	*62,362	*67,184	65,562	63,498	
Mobile home..... do.....	*18,373	*18,988	*18,239	*18,258	*18,352	*18,488	*18,603	*18,721	*18,918	*19,011	*19,043	*19,049	*18,988	19,315	19,408	
<b>FEDERAL GOVERNMENT FINANCE</b>																
Budget receipts and outlays:																
Receipts (net)..... mil. \$.	*599,272	*617,766	43,042	45,291	75,777	36,753	66,353	44,675	44,924	59,694	40,539	42,007	54,498	57,505	38,816	
Outlays (net)..... do.....	*657,204	*728,424	*57,822	63,546	66,073	55,683	59,629	64,506	59,628	61,403	66,708	66,166	72,436	67,087	64,152	
Budget surplus or deficit (-)..... do.....	*-57,932	*-110,658	-14,780	-18,255	9,704	-18,930	6,724	-19,831	-14,704	-1,708	-26,169	-24,158	-17,938	-9,582	-25,336	
Budget financing, total..... do.....	*57,932	*127,989	14,993	18,773	-8,711	21,424	-4,457	20,962	16,751	4,575	26,462	24,845	18,103	9,916	25,341	
Borrowing from the public..... do.....	*79,329	*134,912	10,693	12,305	2,527	3,187	3,280	14,348	21,086	22,129	6,228	25,923	29,895	6,419	17,919	
Reduction in cash balances..... do.....	*-21,397	*-6,923	4,300	6,468	-11,238	18,237	-7,717	6,614	-4,335	-17,554	20,234	-1,078	-11,792	3,497	7,422	
Gross amount of debt outstanding..... do.....	*1,003,941	*1,146,987	1,053,325	1,066,393	1,070,734	1,076,798	1,084,658	1,094,628	1,114,214	1,146,987	1,147,713	1,166,569	1,201,898	1,205,899	1,220,132	
Held by the public..... do.....	*794,434	*929,346	850,504	862,809	865,336	868,523	871,783	886,131	907,218	929,346	935,574	961,497	991,392	997,811	1,015,730	
Budget receipts by source and outlays by agency:																
Receipts (net), total..... mil. \$.	*599,272	*617,766	43,042	45,291	75,777	36,753	66,353	44,675	44,924	59,694	40,539	42,007	54,498	57,505	38,816	
Individual income taxes (net)..... do.....	*285,917	*298,111	21,007	13,391	41,672	9,576	32,273	23,987	20,867	32,592	20,832	22,452	24,946	34,151	20,544	
Corporation income taxes (net)..... do.....	*61,137	*49,207	1,293	6,910	7,342	1,202	10,589	601	422	6,146	-461	-680	8,164	1,164	-274	
Social insurance taxes and contributions (net)..... mil. \$.	*182,720	*201,131	15,109	18,752	21,593	20,483	17,572	14,874	17,961	15,608	15,157	14,902	15,776	17,071	13,797	
Other..... do.....	*69,499	*69,317	5,633	6,238	5,170	5,493	5,918	5,214	5,674	5,348	5,010	5,332	5,613	5,119	4,748	
Outlays, total #..... do.....	*657,204	*728,424	57,822	63,546	66,073	55,683	59,629	64,506	59,628	61,403	66,708	66,166	72,436	67,087	64,152	
Agriculture Department..... do.....	*26,030	*36,213	2,984	4,394	2,484	1,362	1,526	2,668	2,184	3,026	4,107	5,374	7,499	5,836	3,847	
Defense Department, military..... do.....	*156,035	*182,850	14,239	16,042</												

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

**FINANCE—Continued**

<b>MONETARY STATISTICS</b>																
Currency in circulation (end of period)..... bil. \$.	145.6	156.2	140.5	142.6	144.0	146.5	148.2	148.1	149.4	149.2	150.1	154.1	156.2			
<b>Money stock measures and components (averages of daily figures): †</b>																
<b>Measures (not seasonally adjusted): ‡</b>																
M1..... bil. \$.	490.0	458.0	438.1	440.9	456.3	445.8	450.8	454.3	454.3	461.0	470.6	479.0	491.0	*489.7	*480.6	489.3
M2..... do.	1,716.6	*1,878.3	1,807.9	1,825.9	1,848.6	1,848.7	1,865.4	1,883.0	1,896.5	1,908.7	1,928.6	1,943.6	*1,964.5	*2,016.5	*2,039.1	2,062.1
M3..... do.	2,061.3	2,278.5	2,189.2	2,211.0	2,235.3	2,237.3	2,257.2	2,280.8	2,308.8	2,324.4	2,350.4	2,369.2	*2,385.3	*2,413.3	*2,423.8	2,442.1
L (M3 plus other liquid assets)..... do.	2,491.3		2,671.9	2,697.7	2,724.8	2,737.7	2,763.8	2,789.9	*2,811.7	*2,825.4	2,860.8					
<b>Components (not seasonally adjusted):</b>																
Currency..... do.	119.8	128.4	123.0	123.9	125.7	127.2	128.3	129.8	130.1	130.2	131.3	132.7	135.2	133.2	133.7	135.4
Demand deposits..... do.	240.3	234.9	229.3	229.1	236.9	228.8	230.7	231.7	229.6	232.9	237.6	240.6	247.7	245.1	*232.8	235.4
Other checkable deposits ††..... do.	65.6	90.3	81.5	83.8	89.5	85.4	87.2	87.9	89.8	93.3	97.3	101.5	104.0	*107.5	*110.0	114.3
Overnight RP's and Eurodollars *..... do.	33.0	41.1	38.0	39.1	36.8	40.1	40.3	41.8	42.4	41.5	43.9	45.2	44.3	47.4	*48.3	48.1
Money market mutual funds..... do.	109.8	172.4	156.0	159.7	161.8	164.9	170.1	172.9	182.3	185.1	187.6	191.1	*182.2	*166.7	*159.4	153.5
Savings deposits..... do.	361.5	350.3	344.6	346.3	345.5	347.9	348.6	348.6	346.8	348.2	357.8	*363.4	*356.2	*332.1	*320.9	319.3
Small time deposits @..... do.	788.2	859.1	837.3	845.8	848.1	855.9	861.4	871.6	876.6	879.0	875.3	871.6	854.5	799.3	759.5	739.0
Large time deposits @..... do.	287.1	*326.4	315.3	318.9	319.0	320.6	323.5	327.4	332.9	334.9	339.1	340.8	*336.5	*314.2	*302.8	299.0
<b>Measures (seasonally adjusted): ‡</b>																
M1..... do.			448.0	448.6	449.3	452.4	453.4	454.4	458.3	463.2	468.7	474.0	478.2	482.1	*491.1	497.7
M2..... do.			1,815.8	1,828.9	1,835.2	1,850.6	1,864.5	1,880.9	1,903.6	1,917.0	1,929.7	1,945.0	*1,959.5	*2,008.2	*2,047.3	2,066.1
M3..... do.			2,191.6	2,210.9	2,224.1	2,240.7	2,260.2	2,283.4	2,317.8	2,333.9	2,352.0	2,370.2	*2,377.6	*2,401.5	*2,427.4	2,443.4
L (M3 plus other liquid assets)..... do.			2,668.1	2,692.7	2,710.3	*2,737.6	2,767.0	*2,798.2	*2,823.5	*2,840.5	2,865.9					
<b>Components (seasonally adjusted):</b>																
Currency..... do.			124.7	125.2	126.3	127.4	128.2	128.8	129.6	130.5	131.3	131.9	132.8	134.2	135.6	137.0
Demand deposits..... do.			235.5	233.8	233.3	233.1	232.3	232.1	232.5	234.0	236.0	237.6	239.8	239.4	238.7	240.2
Savings deposits..... do.			346.9	346.6	345.9	346.6	347.2	345.0	346.7	350.0	358.0	366.4	358.7	*332.5	*322.1	318.8
Small time deposits @..... do.			833.1	840.7	847.2	852.5	859.3	872.9	879.8	883.2	878.0	874.9	859.8	799.1	756.1	735.1
Large time deposits @..... do.			309.9	315.8	321.2	322.1	327.4	332.1	334.9	336.1	339.6	340.4	*333.8	*310.6	*298.1	296.3
<b>PROFITS AND DIVIDENDS (QTRLY.)</b>																
<b>Manufacturing corps. (Fed. Trade Comm.):</b>																
Net profit after taxes, all industries..... mil. \$.	101,302	71,001		18,999			20,028			17,828			14,146			
Food and kindred products..... do.	9,109	8,789		2,120			2,079			2,031			2,559			
Textile mill products..... do.	1,157	816		78			146			258			334			
Paper and allied products..... do.	3,110	1,460		418			436			408			198			
Chemicals and allied products..... do.	12,973	10,173		2,900			2,764			2,451			2,058			
Petroleum and coal products..... do.	23,733	19,268		4,935			4,146			5,024			5,163			
Stone, clay, and glass products..... do.	1,627	558		-167			205			329			191			
Primary nonferrous metal..... do.	2,124	-391		82			44			-41			-476			
Primary iron and steel..... do.	3,507	-3,836		25			-430			-893			-2,538			
Fabricated metal products (except ordnance, machinery, and transport. equip.)..... mil. \$.	4,235	2,328		786			820			425			297			
Machinery (except electrical)..... do.	12,580	7,920		2,657			2,454			1,687			1,122			
Elec. machinery, equip., and supplies..... do.	7,872	6,769		1,781			1,801			1,688			1,499			
Transportation equipment (except motor vehicles, etc.)..... mil. \$.	3,722	2,621		645			693			720			563			
Motor vehicles and equipment..... do.	-209	734		1			1,072			-18			-321			
All other manufacturing industries..... do.	15,762	13,792		2,738			3,798			3,759			3,497			
Dividends paid (cash), all industries..... do.	40,317	41,207		10,160			10,418			10,076			10,553			
<b>SECURITIES ISSUED @ @</b>																
<b>Securities and Exchange Commission:</b>																
Estimated gross proceeds, total..... mil. \$.	*68,970	*74,591	*5,410	*5,627	*4,067	*5,441	*5,349	*5,457	*8,937	*7,310	*9,596	*6,846	*7,997	7,884		
<b>By type of security:</b>																
Bonds and notes, corporate..... do.	*38,966	*45,211	*3,659	*3,681	*2,087	*2,958	*2,628	*3,179	*6,363	*5,026	*6,967	*3,588	*4,133	4,756		
Common stock..... do.	*25,004	*23,399	*1,417	*1,748	*1,843	*1,467	*2,554	*1,387	*1,849	*1,663	*1,918	*2,694	*3,447	2,534		
Preferred stock..... do.	*1,633	*5,048	*185	198	*137	887	67	*641	622	*520	611	*563	*418	594		
<b>By type of issuer:</b>																
Corporate, total #..... mil. \$.	*65,603	*73,660	*5,261	*5,627	*4,067	*5,312	*5,249	*5,208	*8,834	*7,210	*9,496	*6,845	*7,997	7,884		
Manufacturing..... do.	*15,463	*13,875	*264	*950	*440	*694	*328	*1,222	*2,131	*1,505	*2,863	*1,251	*1,634	2,089		
Extractive (mining)..... do.	*8,553	*7,429	*465	*828	*604	*355	*1,700	*652	*395	*750	*302	*494	*230	1,218		
Public utility..... do.	*13,304	*15,326	*1,042	*1,709	*1,547	*1,404	*814	*645	*1,476	*1,795	*1,119	*1,393	663			
Transportation..... do.	*1,897	*2,091	*73	*240	*31	*100	*131	*5	464	*124	*518	*306	*46	386		
Communication..... do.	*5,871	*4,175	*302	*58	*3	*456	*166	*166	*679	*305	*307	*89	*1,586	187		
Financial and real estate..... do.	*15,743	*24,456	*2,941	*1,504	*1,194	*1,660	*1,882	*2,079	*2,657	*2,324	*2,938	*2,734	*2,130	2,698		
<b>State and municipal issues (Bond Buyer):</b>																
Long-term..... do.	46,134	*77,179	3,459	5,531	6,692	5,268	5,667	5,822	*6,650	*6,420	*8,082	*9,951	*9,857	3,492	5,897	7,144
Short-term..... do.	34,443	*43,390	2,708	2,950	3,109	5,919	4,848	3,302	4,766	3,146	3,357	3,396	*3,365	2,980	1,714	2,135
<b>SECURITY MARKETS</b>																
<b>Stock Market Customer Financing</b>																
Margin credit at brokers, end of year or month..... mil. \$.	14,411	13,325	13,023	12,095	12,202	12,237	11,783	11,729	11,396	11,208	11,728	12,459	13,325	13,370	13,985	
Free credit balances at brokers:																
Margin accounts..... do.	3,515	5,735	3,755	3,895	4,145	4,175	4,215	4,410	4,470	4,990	5,520	5,600	5,735	6,255	6,195	
Cash accounts..... do.	7,150	8,390	6,595	6,510	6,270	6,355	6,345	6,730	7,550	7,475	8,120	8,395	8,390	8,225	7,955	
<b>Bonds</b>																
<b>Prices:</b>																
<b>Standard &amp; Poor's Corporation:</b>																
<b>High grade corporate:</b>																
Composite \$..... dol. per \$100 bond..	33.7	35.8	31.1	32.9	33.3	34.0	32.1	32.8	35.7	38.0	41.7	44.2	42.9	42.5	41.3	42.6
Domestic municipal (15 bonds)..... do.	43.2	41.8	37.0	37.3	38.2	39.9	38.3	39.4	43.2	45.6	49.7	48.7	49.0	51.6	51.3	53.1
<b>Sales:</b>																
New York Stock Exchange, exclusive of some stopped sales, face value, total..... mil. \$.	5,733.07	7,155.44	388.34	512.80	509.13	510.05	499.02	463.04	724.38	699.80	875.39	770.43	792.60	787.72	689.61	793.35

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983				
	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) .....	percent..	15.06	14.94	16.13	15.68	15.53	15.34	15.77	15.70	15.06	14.34	13.54	13.08	13.02	12.90	13.02	12.72
By rating:																	
Aaa .....	do.....	14.17	13.79	15.27	14.58	14.46	14.26	14.81	14.61	13.71	12.94	12.12	11.68	11.83	11.79	12.01	11.73
Aa .....	do.....	14.75	14.41	15.72	15.21	14.90	14.77	15.26	15.21	14.48	13.72	12.97	12.51	12.44	12.35	12.58	12.32
A .....	do.....	15.29	15.43	16.35	16.12	15.95	15.70	16.07	16.20	15.70	15.07	14.34	13.81	13.66	13.53	13.52	13.20
Baa .....	do.....	16.04	16.11	17.18	16.82	16.78	16.64	16.92	16.80	16.32	15.63	14.73	14.30	14.14	13.94	13.95	13.61
By group:																	
Industrials .....	do.....	14.50	14.54	15.53	15.29	15.22	15.08	15.35	15.37	14.88	14.11	13.19	12.57	12.48	12.34	12.43	12.12
Public utilities .....	do.....	15.62	15.33	16.72	16.07	15.82	15.60	16.18	16.04	15.22	14.56	13.88	13.58	13.55	13.46	13.60	13.31
Railroads .....	do.....	13.22	13.68	14.08	14.00	14.03	13.93	13.99	14.05	13.90	13.69	13.08	12.74	12.60	12.27	12.13	12.11
Domestic municipal:																	
Bond Buyer (20 bonds) .....	do.....	11.56	11.56	12.70	13.13	11.97	12.13	12.58	11.97	10.74	10.48	10.05	10.23	9.56	9.74	9.04	9.38
Standard & Poor's Corp. (15 bonds) .....	do.....	11.23	11.57	12.81	12.72	12.45	11.99	12.42	12.11	11.12	10.61	9.59	9.97	9.91	9.45	9.55	9.16
U.S. Treasury bonds, taxable .....	do.....	12.87	12.23	13.63	12.98	12.84	12.67	13.32	12.97	12.15	11.48	10.51	10.18	10.33	10.37	10.60	10.34
<b>Stocks</b>																	
<b>Prices:</b>																	
Dow-Jones averages (65 stocks) .....		364.61	345.40	327.54	318.94	332.69	333.11	313.66	316.31	321.30	356.89	383.92	401.57	404.83	417.61	428.91	447.11
Industrial (30 stocks) .....		932.92	884.36	833.15	812.33	844.96	846.72	804.37	818.41	832.11	917.27	988.71	1,027.76	1,033.08	1,064.29	1,087.43	1,129.58
Public utility (15 stocks) .....		108.58	111.95	105.98	107.47	112.17	114.49	108.41	106.28	109.64	116.18	119.97	119.34	117.83	123.83	124.32	126.88
Transportation (20 stocks) .....		398.56	359.81	345.93	328.85	344.68	340.90	314.58	316.68	318.34	368.32	402.70	436.43	446.37	457.74	479.72	507.66
Standard & Poor's Corporation: §																	
Combined index (500 Stocks) .....	1941-43=10..	128.04	119.71	114.50	110.84	116.31	116.35	109.70	109.38	109.65	122.43	132.66	138.10	139.37	144.27	146.80	151.88
Industrial, total (400 Stocks) # .....	do.....	144.24	133.57	127.56	122.85	129.19	129.68	122.61	122.49	122.29	137.09	148.11	153.90	156.02	162.02	165.15	170.33
Capital goods (105 Stocks) .....	do.....	139.03	119.98	120.53	112.43	117.32	115.84	105.97	106.34	106.34	119.61	131.64	139.35	142.63	151.03	154.08	159.04
Consumer goods (191 Stocks) .....	do.....	100.67	109.37	97.32	97.00	102.91	103.81	100.92	102.66	102.46	115.51	126.43	133.27	134.75	133.08	133.89	144.43
Utilities (40 Stocks) .....	do.....	51.87	54.78	51.39	52.33	54.25	54.88	52.13	51.87	53.34	56.48	59.41	60.08	59.33	61.89	61.52	62.13
Transportation (20 Stocks) .....	1970=10..	23.26	19.64	18.95	17.68	18.71	18.50	17.21	17.22	17.53	20.27	22.19	23.52	23.84	24.93	25.52	26.48
Railroads (8 Stocks) .....	1941-43=10..	93.09	74.82	75.99	67.73	71.20	71.16	65.49	63.15	64.71	77.20	86.27	88.27	85.83	90.26	91.73	95.45
Financial (40 Stocks) .....	1970=10..	14.44	14.30	14.19	14.15	14.59	13.81	12.45	12.07	12.38	13.72	15.97	17.46	16.90	16.51	16.75	18.60
New York City banks (6 Stocks) 1941-43=10..		52.45	54.76	53.85	53.77	55.93	52.27	48.10	45.36	47.46	50.50	64.21	68.70	65.60	63.91	64.58	70.91
Banks outside N.Y.C. (10 Stocks) .....	do.....	117.82	95.87	100.48	96.11	97.40	93.29	86.01	81.10	82.06	86.79	106.48	114.55	103.62	101.22	100.25	107.22
Property-Casualty Insurance (5 Stocks) .....	do.....	141.29	143.01	146.08	147.01	149.14	142.45	126.05	120.61	118.41	134.47	156.02	166.54	168.28	162.01	163.13	186.26
New York Stock Exchange common stock indexes:																	
Composite .....	12/31/65=50..	74.02	68.93	66.16	63.86	66.97	67.07	63.10	62.82	62.91	70.21	76.10	79.75	80.30	83.25	84.74	87.50
Industrial .....	do.....	85.44	78.18	74.78	71.51	75.59	75.97	71.59	71.37	70.98	80.08	86.67	90.76	92.00	95.37	97.26	100.61
Transportation .....	do.....	72.61	60.41	59.09	55.19	57.91	56.84	53.07	53.40	53.98	61.39	66.64	71.92	73.40	75.65	79.44	83.28
Utility .....	do.....	38.91	39.74	38.32	38.57	39.20	39.40	37.34	37.20	38.19	40.36	42.67	43.46	42.93	45.59	45.92	45.89
Finance .....	do.....	73.52	71.99	70.50	69.08	71.44	69.16	63.19	61.59	62.84	69.66	80.59	88.66	86.22	85.66	86.57	93.22
<b>Yields (Standard &amp; Poor's Corp.):</b>																	
Composite (500 stocks) .....	percent..	5.20	5.81	6.06	6.28	5.99	5.97	6.28	6.31	6.32	5.63	5.12	4.92	4.93	4.79	4.74	.....
Industrials (400 stocks) .....	do.....	4.90	5.48	5.75	5.99	5.70	5.65	5.90	5.91	5.94	5.26	4.78	4.60	4.59	4.44	4.39	.....
Utilities (40 stocks) .....	do.....	10.15	10.39	10.77	10.61	10.27	10.27	10.87	11.02	10.77	10.22	9.73	9.62	9.83	9.48	9.60	.....
Transportation (20 stocks) .....	do.....	3.40	4.32	4.38	4.72	4.47	4.47	4.85	4.92	4.95	4.17	3.75	3.53	3.46	3.24	3.19	.....
Financial (40 stocks) .....	do.....	5.41	5.92	5.79	5.92	5.73	6.07	6.67	6.97	6.79	6.12	5.22	4.84	5.08	5.27	5.24	.....
Preferred stocks, 10 high-grade .....	do.....	12.36	12.53	13.20	12.97	12.90	12.58	12.96	13.24	12.78	12.41	11.71	11.18	11.20	11.23	11.13	10.86
<b>Sales:</b>																	
Total on all registered exchanges (SEC):																	
Market value .....	mil. \$.	490,688	596,670	35,953	44,157	39,900	37,350	35,174	41,292	47,117	61,374	79,303	75,002	73,704	69,588	.....	.....
Shares sold .....	millions..	15,910	22,414	1,313	1,713	1,533	1,430	1,414	1,577	1,902	2,301	2,852	2,642	2,547	2,402	.....	.....
On New York Stock Exchange:																	
Market value .....	mil. \$.	415,913	514,263	30,268	38,232	33,714	31,913	30,420	35,580	40,659	52,551	67,157	63,927	61,542	59,712	.....	.....
Shares sold (cleared or settled) .....	millions..	12,843	18,211	1,071	1,411	1,242	1,167	1,169	1,304	1,555	1,890	2,292	2,129	1,992	1,920	.....	.....
New York Stock Exchange:																	
Exclusive of odd-lot and stopped stock sales (sales effected) .....	millions..	11,854	16,458	972	1,270	1,136	1,027	1,111	1,145	1,673	1,548	2,069	1,857	1,682	1,858	1,615	1,902
Shares listed, N.Y. Stock Exchange, end of period:																	
Market value, all listed shares .....	bil. \$.	1,143.79	1,305.36	1,053.75	1,036.85	1,081.87	1,039.18	1,017.45	993.56	1,106.56	1,120.26	1,244.38	1,291.94	1,305.36	1,349.19	1,385.49	1,431.63
Number of shares listed .....	millions..	38,298	39,516	38,572	38,588	38,738	38,594	38,894	39,064	39,070	39,177	39,262	39,400	39,516	39,688	40,298	40,468

### FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																	
Exports (mdse.), incl. reexports, total @ .....	mil. \$.	233,739.0	212,274.6	17,637.3	20,160.9	18,610.6	19,000.7	19,416.1	17,259.3	16,264.5	16,716.7	17,274.5	15,695.0	16,723.9	16,204.9	15,540.5	.....
Excl. Dept. of Defense shipments .....	do.....	233,677.0	212,193.1	17,635.5	20,151.7	18,605.2	18,992.4	19,413.3	17,252.2	16,249.9	16,712.6	17,267.0	15,689.2	16,716.4	16,200.6	15,531.5	.....
Seasonally adjusted .....	do.....	.....	.....	18,613.6	18,461.6	18,005.2	18,124.3	18,822.9	18,059.6	17,463.3	17,320.3	16,671.4	15,851.9	16,346.6	17,393.0	16,325.8	.....
By geographic regions:																	
Africa .....	do.....	11,097.4	10,271.1	972.4	967.1	1,001.7	936.3	1,038.0	681.9	693.7	720.1	915.0	601.3	892.9	651.0	.....	.....
Asia .....	do.....	63,848.7	64,822.2	5,194.8	5,752.2	5,215.9	5,545.1	5,786.2	5,793.3	5,186.8	4,947.1	5,372.4	5,109.7	5,746.2	5,043.2	.....	.....
Australia and Oceania .....	do.....	6,435.8	5,699.7	442.6	597.9	471.6	495.4	662.3	470.0	495.9	445.8	433.6	362.7	360.5	386.2	.....	.....
Europe .....	do.....	69,714.7	63,664.2	5,605.7	6,328.8	5,753.1											

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	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..... mil. \$.	'7,340.5	7,110.4	563.5	728.8	592.9	603.8	665.3	516.4	601.5	572.1	666.1	515.4	561.0	546.8	
German Democratic Republic (formerly E. Germany)..... mil. \$.	'295.7	222.8	26.6	43.7	9.3	22.0	22.0	5.5	0.8	1.9	16.9	10.1	14.1	14.6	
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	'10,276.7	9,291.3	789.6	969.6	804.7	821.6	764.9	723.0	703.6	654.9	678.6	755.9	802.4	732.1	
Italy..... do.	'5,360.0	4,616.1	397.5	379.0	395.2	446.1	499.4	328.8	308.0	349.4	386.5	344.1	368.6	379.0	
Union of Soviet Socialist Republics..... do.	'2,431.3	2,587.3	450.5	421.3	325.1	265.7	134.4	71.8	55.1	77.1	80.0	160.6	147.7	266.4	
United Kingdom..... do.	'12,439.2	10,644.7	817.5	991.0	992.7	913.3	928.1	885.2	805.5	935.6	833.1	838.1	792.5	860.6	
North and South America:															
Canada..... do.	'39,564.3	33,720.2	2,593.5	3,346.2	3,065.8	3,189.5	2,942.7	2,667.5	2,634.5	2,837.9	3,089.1	2,512.3	2,377.8	2,671.6	
Latin American republics, total #..... do.	'38,950.1	30,086.3	2,537.2	2,926.9	2,699.6	2,782.8	2,924.3	2,588.5	2,387.7	2,562.2	2,118.6	1,844.7	1,956.2	1,861.6	
Brazil..... do.	'3,798.2	3,422.7	260.4	289.8	274.9	319.1	334.3	361.2	318.1	306.0	236.3	201.7	214.8	194.8	
Mexico..... do.	'17,788.7	11,816.9	1,123.9	1,307.2	1,173.1	1,201.1	1,202.6	1,005.4	795.2	1,042.6	633.2	504.9	640.0	626.6	
Venezuela..... do.	'5,444.9	5,206.2	380.9	501.7	415.0	440.6	501.8	494.0	460.8	402.5	449.2	402.6	392.8	390.0	
Exports of U.S. merchandise, total \$..... do.	'228,960.8	207,157.6	17,274.6	19,685.4	18,208.3	18,589.3	18,980.3	16,870.3	15,943.9	15,980.7	16,886.7	15,319.1	16,290.1	15,818.8	
Excluding military grant-aid..... do.	'228,898.7	207,076.2	17,272.8	19,676.2	18,202.8	18,581.0	18,977.5	16,863.2	15,929.3	15,976.6	16,879.2	15,313.3	16,282.6	15,814.4	
Agricultural products, total..... do.	'43,338.5	36,622.6	3,499.9	3,702.5	3,481.8	3,403.4	3,129.1	2,446.0	2,492.4	2,388.1	2,887.4	3,049.7	2,887.5	3,115.2	
Nonagricultural products, total..... do.	'185,622.6	170,535.0	13,774.7	15,982.9	14,726.5	15,185.9	15,851.2	14,424.3	13,451.5	13,592.5	13,999.3	12,289.4	13,402.5	12,703.6	
By commodity groups and principal commodities:															
Food and live animals #..... mil. \$.	'30,290.8	23,950.4	2,188.5	2,429.6	2,272.1	2,161.4	2,172.3	1,722.3	1,874.2	1,691.6	1,816.6	1,798.8	1,758.0	2,093.7	1,963.6
Beverages and tobacco..... do.	'2,914.7	3,026.2	250.0	300.2	224.2	262.5	221.3	167.0	211.6	193.1	350.3	379.8	257.5	171.5	223.6
Crude materials, inedible, exc. fuels #..... do.	'20,992.4	19,248.4	1,782.6	1,837.3	1,789.3	1,839.6	1,598.7	1,350.5	1,272.0	1,328.1	1,515.4	1,663.4	1,546.9	1,576.6	1,458.5
Mineral fuels, lubricants, etc. #..... mil. \$.	'10,279.0	12,728.8	1,050.9	1,246.3	1,190.2	1,143.5	1,090.4	996.8	954.9	1,073.3	1,206.1	846.0	881.9	1,006.3	681.1
Oils and fats, animal and vegetable..... do.	'1,750.3	1,540.9	167.3	132.4	124.3	102.2	141.7	157.3	125.6	146.8	105.0	118.3	117.3	99.1	139.5
Chemicals..... do.	'21,187.1	19,890.5	1,662.1	1,858.4	1,688.2	1,722.4	1,862.5	1,648.6	1,715.0	1,548.7	1,487.8	1,455.2	1,647.2	1,565.1	1,491.8
Manufactured goods #..... do.	'20,632.5	16,738.6	1,388.7	1,633.8	1,439.6	1,535.6	1,591.0	1,348.5	1,274.2	1,321.7	1,390.7	1,202.5	1,155.4	1,213.9	1,087.3
Machinery and transport equipment, total..... mil. \$.	'95,717.2	87,128.1	6,979.4	8,357.6	7,547.7	7,782.5	8,175.7	7,597.3	6,738.6	6,756.3	7,136.5	6,083.4	6,846.4	6,174.2	6,406.1
Machinery, total #..... do.	'62,945.5	59,324.2	4,719.0	5,523.1	4,967.7	5,203.1	5,523.2	5,083.1	4,664.3	4,928.1	4,889.2	4,451.1	4,522.4	4,252.5	
Transport equipment, total..... do.	'32,790.9	27,803.9	2,261.0	2,835.1	2,580.0	2,580.0	2,652.8	2,515.6	2,081.5	1,828.8	2,248.1	1,632.7	2,326.7	1,922.5	
Motor vehicles and parts..... do.	'16,214.0	13,906.8	1,123.9	1,489.3	1,395.6	1,436.2	1,325.5	1,080.8	1,029.5	1,040.7	1,084.0	957.9	919.5	958.7	
VALUE OF IMPORTS															
General imports, total..... do.	'261,304.9	'243,951.9	18,264.6	20,823.4	17,882.1	20,804.5	21,810.9	19,763.2	22,867.8	20,187.8	21,219.3	19,002.0	18,720.2	20,149.0	17,592.6
Seasonally adjusted..... do.	'261,304.9	'243,951.9	'19,570.0	'20,018.5	'17,714.4	'20,476.8	'21,187.0	'19,849.3	'22,930.0	'20,581.3	'21,006.0	'18,892.4	'19,154.4	'20,029.9	19,014.9
By geographic regions:															
Africa..... do.	'27,070.6	'17,770.1	1,706.3	1,500.6	1,252.1	911.3	1,317.6	1,695.1	1,467.7	1,262.7	1,586.0	1,423.8	1,288.3	1,271.1	
Asia..... do.	'92,032.6	'85,169.5	6,333.4	7,310.1	5,965.2	7,684.6	7,395.1	6,987.1	9,061.3	6,920.8	7,155.4	6,133.6	5,756.4	6,739.8	
Australia and Oceania..... do.	'3,352.7	'3,130.5	191.9	262.4	226.8	244.9	299.2	288.9	345.0	281.1	323.1	261.2	205.4	245.5	
Europe..... do.	'53,409.7	'53,412.7	3,674.7	4,479.6	4,012.6	4,923.4	4,907.0	4,358.7	4,743.5	4,241.8	4,712.0	4,220.1	4,381.0	4,658.0	
Northern North America..... do.	'46,432.0	'46,497.7	3,549.0	4,158.8	3,737.8	4,070.3	4,399.5	3,462.0	3,829.5	4,238.7	3,907.9	4,009.8	3,625.6	3,868.1	
Southern North America..... do.	'23,477.4	'23,525.0	1,831.9	1,967.5	1,660.2	1,824.7	2,309.5	1,881.2	2,210.3	2,100.8	1,972.3	1,779.6	2,126.8	1,982.4	
South America..... do.	'15,526.4	'14,444.1	977.2	1,144.3	1,027.2	1,145.1	1,182.9	1,090.1	1,210.3	1,141.9	1,562.4	1,173.7	1,336.6	1,384.1	
By leading countries:															
Africa:															
Egypt..... do.	'397.3	'547.2	100.1	80.0	32.7	46.5	90.7	22.4	2.3	8.5	19.2	51.2	51.0	17.9	
Republic of South Africa..... do.	'2,445.3	'1,966.8	183.1	138.5	141.1	138.6	147.5	144.6	159.0	184.4	227.1	162.8	172.1	142.3	
Asia: Australia and Oceania:															
Australia, including New Guinea..... mil. \$.	'2,514.8	'2,304.6	152.8	215.3	162.6	181.1	215.5	219.7	220.4	203.1	252.7	172.3	154.4	196.0	
Japan..... do.	'37,612.1	'37,743.7	2,708.0	3,586.6	2,790.4	3,759.4	3,117.2	2,887.9	3,814.7	2,904.2	3,274.0	2,695.1	2,486.2	2,953.2	
Europe:															
France..... do.	'5,851.4	'5,545.3	452.7	455.6	441.9	479.5	539.7	442.8	475.6	410.1	414.0	469.8	452.7	670.2	
German Democratic Republic (formerly E. Germany)..... mil. \$.	'47.7	'53.9	5.1	6.9	3.1	3.7	3.6	2.8	4.6	11.2	3.3	3.2	2.9	5.4	
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	'11,379.0	'11,974.8	874.9	1,003.3	944.8	1,221.1	1,090.5	957.1	1,025.4	872.9	981.1	949.0	967.2	989.2	
Italy..... do.	'5,189.0	'5,301.4	394.4	492.7	439.7	494.6	459.3	379.4	498.5	459.6	350.0	413.7	420.4	471.1	
Union of Soviet Socialist Republics..... do.	'347.5	'227.6	22.0	18.0	15.5	10.2	31.8	7.7	25.7	27.6	34.8	8.9	7.1	22.7	
United Kingdom..... do.	'12,834.6	'13,094.8	780.0	1,011.3	821.4	1,151.5	1,210.4	1,139.7	1,217.6	1,079.6	1,483.0	1,037.3	1,181.4	1,021.2	
North and South America:															
Canada..... do.	'46,413.8	'46,476.9	3,547.6	4,156.2	3,785.7	4,068.6	4,398.1	3,459.2	3,828.4	4,236.3	3,907.2	4,009.6	3,622.1	3,866.9	
Latin American republics, total #..... do.	'32,023.3	'32,512.6	2,376.0	2,678.5	2,222.5	2,624.6	3,011.3	2,550.6	2,884.1	2,776.3	3,061.0	2,604.6	2,963.1	2,885.0	
Brazil..... do.	'4,474.5	'4,285.3	314.4	369.8	312.1	343.7	313.2	346.8	391.9	374.8	427.5	315.4	440.1	430.6	
Mexico..... do.	'13,765.1	'15,565.9	1,255.3	1,310.5	1,014.2	1,238.3	1,578.2	1,230.8	1,435.3	1,448.9	1,299.9	1,219.1	1,418.7	1,285.9	
Venezuela..... do.	'5,566.0	'4,767.7	312.4	355.2	350.2	293.0	399.2	387.0	281.4	361.9	504.0	392.3	528.9	472.5	
By commodity groups and principal commodities:															
Agricultural products, total..... mil. \$.	'17,003.4	'15,421.7	1,091.0	1,403.9	1,271.3	1,348.2	1,334.7	1,148.6	1,348.0	1,302.0	1,428.6	1,248.0	1,234.3	1,529.8	
Nonagricultural products, total..... do.	'244,301.4	'228,530.2	17,173.6	19,419.5	16,610.8	19,456.3	20,476.2	18,614.7	21,519.8	18,885.8	19,790.7	17,754.0	17,485.9	18,619.3	
Food and live animals #..... do.	'15,237.6	'14,452.7	948.4	1,270.6	1,158.2	1,267.2	1,272.6	1,122.5	1,301.1	1,266.6	1,384.3	1,232.7	1,192.8	1,346.6	
Beverages and tobacco..... do.	'3,138.3	'3,364.0	193.5	266.3	284.1	321.2	292.4	251.3	300.1	310.1	305.3	287.5	266.0	353.5	
Crude materials, inedible, exc. fuels #..... do.	'11,193.4	'8,589.4	669.2	689.7	703.2	771.6	790.5	695.3	782.1	715.8	701.3	705.0	624.8	691.9	
Mineral fuels, lubricants, etc. #..... do.	'81,416.9	'65,409.2	5,107.2	5,008.9	4,311.9	4,167.4	5,426.6	5,942.7	6,353.1	5,200.6	5,946.5	5,037.4	5,467.6	5,141.6	
Petroleum and products..... do.	'75,577.3	'59,396.4	4,523.2	4,504.2	3,862.8	3,749.4	5,025.3	5,454.9	5,954.0	4,741.4	5,486.9	4,419.7	4,843.7	4,440.6	
Oils and fats, animal and vegetable..... do.	'479.5	'405.8	19.2	40.2	25.4	38.8	43.1	31.8	46.6	24.4	32.2	32.3	28.9	30.1	
Chemicals..... do.	'9,445.9	'9,493.5	667.7	872.9	730.2	840.3	820.7	698.9	897.6	869.7	827.0	739.3	751.8	859.9	
Manufactured goods #..... do.	'37,2														

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	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>FOREIGN TRADE OF THE UNITED STATES—Continued</b>															
<b>Indexes</b>															
Exports (U.S. mdse., excl. military grant-aid):															
Unit value..... 1977=100..	'150.8	152.5	155.6	154.8	154.6	154.3	152.6	153.5	151.3	150.8	151.6	151.0	152.2		
Quantity..... do.....	'128.8	115.1	113.0	129.4	119.9	122.5	126.5	111.8	107.1	107.8	113.3	103.2	108.9		
Value..... do.....	'194.1	175.6	175.8	200.2	185.3	189.1	193.1	171.6	162.1	162.6	171.8	155.8	165.7		
General imports:															
Unit value..... do.....	'170.3	167.5	171.7	170.4	169.6	167.3	165.9	167.4	165.1	164.1	166.2	164.1	164.2		
Quantity..... do.....	'105.2	99.9	87.6	100.7	86.8	102.4	108.3	97.2	114.0	101.3	105.2	95.3	93.8		
Value..... do.....	'179.1	167.4	150.4	171.5	147.3	171.3	179.6	162.7	188.3	166.2	174.7	156.5	154.0		
<b>Shipping Weight and Value</b>															
Waterborne trade:															
Exports (incl. reexports):															
Shipping weight..... thous. sh. tons..	'406,796		32,880	37,243	37,240	37,178	37,012	31,425	29,224	31,778	34,234	32,472			
Value..... mil. \$.....	'123,495		9,856	11,113	10,237	10,299	10,514	9,080	8,894	9,061	9,402	8,923			
General imports:															
Shipping weight..... thous. sh. tons..	'464,420		27,342	28,615	26,025	27,300	34,464	33,829	37,436	30,598	34,515	27,291			
Value..... mil. \$.....	'177,059		11,465	12,995	11,010	13,170	13,875	12,924	15,605	12,426	13,532	11,552			

### TRANSPORTATION AND COMMUNICATION

<b>TRANSPORTATION</b>															
<b>Air Carriers (Scheduled Service)</b>															
Certificated route carriers:															
Passenger-miles (revenue)..... bil.	248.89	258.96	17.65	21.71	21.58	21.52	23.67	25.16	25.82	20.12	20.94	19.20	20.92		
Passenger-load factor..... percent.	58.6	59.0	55.3	60.7	61.2	58.4	63.6	63.0	64.0	54.9	56.4	55.9	57.8		
Ton-miles (revenue), total..... mil.	31,949	32,754	2,280	2,768	2,715	2,725	2,910	3,094	3,153	2,583	2,716	2,527	2,717		
Operating revenues (quarterly) # \$..... mil. \$.	36,502			8,415			9,222			9,834					
Passenger revenues..... do.....	30,579			7,039			7,767			8,317					
Cargo revenues..... do.....	2,480			556			602			601					
Mail revenues..... do.....	675			172			171			165					
Operating expenses (quarterly) \$..... do.....	*36,922			9,046			9,063			8,479					
Net income after taxes (quarterly) \$..... do.....	533			-689			43			172					
Domestic operations:															
Passenger-miles (revenue)..... bil.	198.72	209.54	14.80	18.29	17.76	17.26	18.97	19.79	20.23	15.61	16.75	15.95	17.34	*15.03	*14.44
Cargo ton-miles..... mil.	3,350	3,026	230	269	249	257	250	254	258	254	270	258	253		
Mail ton-miles..... do.....	998	1,004	77	87	85	82	77	79	77	80	84	78	117		
Operating revenues (quarterly) \$..... mil. \$.	*29,014			6,832			7,350			7,604					
Operating expenses (quarterly) \$..... do.....	29,277			7,373			7,231			7,431					
Net income after taxes (quarterly) \$..... do.....	*-360			-501			31			65					
International operations:															
Passenger-miles (revenue)..... bil.	50.17	49.43	2.85	3.42	3.83	4.26	4.70	5.36	5.59	4.51	4.91	3.25	3.57		
Cargo ton-miles..... mil.	2,335	2,430	180	208	191	202	185	214	203	205	235	233	208		
Mail ton-miles..... do.....	376	399	29	33	32	32	31	32	32	31	34	36	47		
Operating revenues (quarterly) \$..... mil. \$.	*6,390			1,366			1,601			1,912					
Operating expenses (quarterly) \$..... do.....	*6,595			1,444			1,574			1,777					
Net income after taxes (quarterly) \$..... do.....	-186			-94			13			83					
<b>Urban Transit Systems</b>															
Passengers carried, total..... mil.	7,948	7,714	623	720	650	636	645	584	631	636	678	654	654		
<b>Motor Carriers</b>															
Carriers of property, large, class I, qtrly.: @															
Number of reporting carriers.....	100			100			100			100					
Operating revenues, total..... mil. \$.	16,489			3,587			3,910			3,937					
Net income, after extraordinary and prior period charges and credits..... mil. \$.	199			48			58			48					
Tonnage hauled (revenue), common and contract carrier service..... mil. tons..	182			39			41			40					
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):															
Common and contract carriers of property (qtrly.)..... average same period, 1967=100..															
Common carriers of general freight, seas. adj..... 1967=100..	147.0	128.9	132.1	128.8	130.9	132.3	132.4	130.9	132.5	29.7	125.1	121.3	121.8	126.4	*125.3
<b>Class I Railroads †</b>															
Financial operations, qtrly. (AAR), excl. Amtrak:															
Operating revenues, total #..... mil. \$.	30,904	*27,507		7,190			7,222			6,612			6,482		
Freight..... do.....	28,925	*25,627		6,707			6,746			6,148			6,026		
Passenger, excl. Amtrak..... do.....	535	*571		142			145			145			139		
Operating expenses..... do.....	*28,560	*26,473		6,821			6,821			6,500			6,331		
Net railway operating income..... do.....	*1,386	*767		204			265			114			184		
Ordinary income..... do.....	*1,922	*1,202		216			340			161			436		
Traffic:															
Ton-miles of freight (net), total, qtrly..... bil.	911.7	799.6		207.4			208.0			190.9			193.8		
Revenue ton-miles, qtrly. (AAR)..... do.....	911.9	799.6		207.4			208.0			190.9			193.8	*14.0	*15.2
Price index for railroad freight..... 1969=100..	327.6	351.4	350.6	350.5	351.2	351.4	351.5	352.0	352.0	351.9	351.8	351.9	352.1	355.2	355.4
<b>Travel</b>															
Hotels and motor-hotels:															
Restaurant sales index.... same month 1967=100..	194	196	185	207	204	200	215	212	191	188	*210	*190	195		
Hotels: Average room sale ¶..... dollars..	56.39	61.71	63.37	63.96	62.44	62.00	60.82	58.66	59.17	61.34	64.28	61.87	62.28		
Rooms occupied..... % of total..	68	63	45	71	68	68	68	64	65	63	70	62	49		
Motor-hotels: Average room sale ¶..... dollars..	38.31	41.16	40.97	41.79	41.41	41.30	41.02	43.15	41.77	41.89	41.26	39.19	39.94		
Rooms occupied..... % of total..	67	64	56	71	70	66	72	72	72	62	65	58	49		
Foreign travel:															
U.S. citizens: Arrivals (quarterly)..... thous.	8,905	9,237		2,051			2,349			2,909	*795	*600	*573	746	
Departures (quarterly)..... do.....	9,978	9,833		2,192			2,800			3,063	*762	*623	*647	632	
Aliens: Arrivals (quarterly)..... do.....	11,976	10,836		2,381			2,722			3,442	*838	*686	*797	779	
Departures (quarterly)..... do.....	9,933	8,704		1,931			2,233			2,829	*737	*602	*579	566	
Passports issued..... do.....	3,222	3,664	260	271	395	371	496	382	305	236	223	228	288	384	314
National parks, visits..... do.....	62,237		2,084	2,691	3,528	5,251	8,136	11,043	10,535	7,018	5,532	2,890	2,098		

See footnotes at end of tables.

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

**TRANSPORTATION AND COMMUNICATION—Continued**

COMMUNICATION															
<b>Telephone carriers:</b>															
Operating revenues #	mil. \$.	'66,499	73,808	5,802	6,163	6,128	6,080	6,238	6,225	6,329	6,291	6,327	6,310	6,005	
Station revenues	do.	28,117	'31,678	2,515	2,552	2,604	2,591	2,660	2,665	2,679	2,712	2,736	2,745	2,730	
Tolls, message	do.	'26,507	28,099	2,163	2,468	2,348	2,321	2,379	2,348	2,428	2,338	2,334	2,308	2,342	
Operating expenses (excluding taxes)	do.	'44,593	51,269	3,944	4,304	4,229	4,216	4,315	4,292	4,189	4,366	4,417	4,481	4,592	
Net operating income (after taxes)	do.	'11,910	11,951	987	996	1,011	998	1,037	1,059	1,148	987	986	961	740	
Phones in service, end of period	mil.	164.9	157.8	164.4	164.1	164.3	164.1	162.7	162.2	161.7	161.4	160.8	159.5	157.8	
<b>Telegraph carriers:</b>															
<b>Domestic:</b>															
Operating revenues	mil. \$.	779.2	609.2	64.3	70.3	66.9	68.1	70.0	68.4	69.1	66.9	66.5	66.2	68.3	
Operating expenses	do.	623.8	678.6	52.2	55.3	54.0	55.4	55.8	56.6	59.2	69.6	54.3	56.4	58.0	
Net operating revenues (before taxes)	do.	112.7	86.7	8.4	10.5	9.4	9.0	10.6	8.2	6.5	-7.0	8.4	6.1	7.9	
<b>Overseas, total:</b>															
Operating revenues	do.	578.0	607.9	48.8	54.7	50.5	50.9	53.8	48.2	50.0	51.9	50.3	50.2	49.9	
Operating expenses	do.	436.2	495.6	38.3	39.9	38.9	41.2	41.7	40.2	42.0	43.1	42.6	42.9	45.8	
Net operating revenues (before taxes)	do.	117.0	83.3	8.4	12.6	9.3	7.5	9.0	5.8	5.5	4.0	5.3	4.5	3.9	

**CHEMICALS AND ALLIED PRODUCTS**

CHEMICALS															
Inorganic Chemicals															
<b>Production:</b>															
Aluminum sulfate, commercial (17% Al <sub>2</sub> O <sub>3</sub> ) ‡	thous. sh. tons.	'1,294	'1,183	101	118	95	91	111	94	111	99	84	96	'96	83
Chlorine gas (100% Cl <sub>2</sub> ) ‡	do.	'10,767	'9,136	786	815	828	794	782	783	698	684	756	734	'708	804
Hydrochloric acid (100% HCl) ‡	do.	'2,502	2,490	227	251	218	215	225	198	199	183	193	189	182	204
Phosphorus, elemental ‡	do.	426	361	27	34	33	31	31	31	26	29	31	30	28	24
Sodium hydroxide (100% NaOH) ‡	do.	'10,414	9,225	767	801	837	807	786	794	731	696	768	752	722	843
Sodium silicate, anhydrous ‡	do.	'788	'650	64	62	64	51	54	44	54	53	56	59	'41	48
Sodium sulfate, anhydrous ‡	do.	'1,077	895	84	81	74	73	72	71	74	70	72	68	74	74
Sodium tripolyphosphate (100% Na <sub>3</sub> P <sub>3</sub> O <sub>10</sub> ) ‡	do.	'696	630	56	57	48	53	55	41	54	51	56	55	52	61
Titanium dioxide (composite and pure) ‡	do.	'761	'635	58	56	55	53	51	53	52	58	51	54	'50	49
<b>Sulfur, native (Frasch) and recovered:</b>															
Production	thous. lg. tons.	'10,440	'8,478	718	808	755	726	687	686	685	651	643	658	663	'639
Stocks (producers') end of period	do.	3,577	'4,136	3,697	3,775	3,911	4,152	4,195	4,231	4,202	4,229	4,160	4,199	'4,136	'4,074
<b>Inorganic Fertilizer Materials</b>															
<b>Production:</b>															
Ammonia, synthetic anhydrous ‡	thous. sh. tons.	19,043	'15,500	1,296	1,434	1,498	1,523	1,356	1,203	1,173	1,196	1,167	1,137	'1,156	1,112
Ammonium nitrate, original solution ‡	do.	8,791	'7,331	680	812	701	664	573	490	515	516	559	564	'552	583
Ammonium sulfate ‡	do.	'1,642	'1,789	159	164	174	154	156	161	146	141	145	125	'128	'121
Nitric acid (100% HNO <sub>3</sub> ) ‡	do.	9,039	'7,588	692	822	716	664	585	524	543	558	608	614	'580	626
Nitrogen solutions (100% N) ‡	do.	'2,951	'2,427	'202	'258	'244	'268	'230	'211	'185	'211	'134	'151	'137	'147
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ) ‡	do.	9,914	'8,524	672	748	663	640	673	696	760	749	802	682	'780	741
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> ) ‡	do.	40,795	'31,953	2,625	2,818	2,612	2,443	2,462	2,551	2,703	2,772	2,894	2,714	'2,721	2,836
<b>Superphosphate and other phosphatic fertilizers (100% P<sub>2</sub>O<sub>5</sub>):</b>															
Production	thous. sh. tons.	'16,903	'13,139	1,213	1,240	983	857	967	1,065	1,184	1,230	1,258	966	'1,048	1,223
Stocks, end of period	do.	'1,068	'892	1,306	1,317	1,200	929	917	998	926	909	881	883	'892	858
Potash, deliveries (K <sub>2</sub> O) ¶	do.	6,478	5,186	396	417	618	552	375	340	517	389	358	313	495	'431
<b>Exports, total #</b>															
Nitrogenous materials	do.	22,391	20,340	1,637	2,031	1,582	1,736	1,811	1,872	1,734	1,756	1,580	1,912	1,193	2,504
Phosphate materials	do.	2,834	2,648	212	274	259	244	251	317	148	229	207	139	125	131
Potash materials	do.	13,308	11,997	1,135	1,309	992	1,022	911	933	979	1,013	982	1,177	684	1,714
	do.	1,203	1,218	30	106	37	109	142	146	139	158	64	172	55	125
<b>Imports:</b>															
Ammonium nitrate	do.	264	262	16	18	33	51	29	19	16	16	17	15	12	26
Ammonium sulfate	do.	327	319	24	34	51	23	30	20	5	25	33	28	25	54
Potassium chloride	do.	8,601	7,154	552	582	722	664	483	599	643	504	661	489	584	674
Sodium nitrate	do.	159	131	0	21	9	22	19	5	18	(*)	0	15	9	0
<b>Industrial Gases</b>															
<b>Production:</b>															
Acetylene ‡	mil. cu. ft.	5,161	3,946	376	509	435	406	288	317	284	271	257	253	254	237
Carbon dioxide, liquid, gas, and solid	thous. sh. tons.	'3,813	'3,687	'286	'334	'297	'317	'333	'330	'325	'295	'312	'297	'300	'291
Hydrogen (high and low purity) ‡	mil. cu. ft.	103,278	'91,305	7,692	7,893	7,597	7,679	7,637	7,773	7,515	7,276	8,014	7,191	'7,849	7,929
Nitrogen (high and low purity) ‡	do.	490,285	'483,781	38,194	41,591	39,063	39,142	40,833	41,133	42,247	40,190	41,163	39,330	'40,150	40,713
Oxygen (high and low purity) ‡	do.	430,610	'357,943	31,399	35,306	31,483	30,689	30,678	30,044	28,742	27,241	27,419	27,109	'26,006	27,466
<b>Organic Chemicals §</b>															
<b>Production:</b>															
Acetylsalicylic acid (aspirin)	mil. lb.	'29.7	'22.6	2.4	2.7	2.2	2.0	1.4	1.6	1.7		2.0			
Creosote oil	mil. gal.	'81.9	'81.0	6.4	8.2		8.5		5.8	5.7		6.6	4.3		
Ethyl acetate (85%)	mil. lb.	'277.1	'232.6	11.0	24.8	24.0	24.3	19.9	19.7	18.8	19.2	12.9	10.3	18.7	
Formaldehyde (37% HCHO)	do.	'5,720.7	'4,691.1	379.0	398.4	443.8	402.3	368.2	334.7	391.3	394.6	427.5	382.4	307.0	
Glycerin, refined, all grades	do.	299.1	229.5	18.6	20.4	22.8	19.2	18.7	20.4	16.4	18.7	21.5	21.5	13.8	'23.7
Methanol, synthetic	mil. gal.	'1,291.7	'1,094.1	85.8	109.8	110.9	95.6	104.2	97.4	76.7	77.3	94.3	83.2	97.1	
Phthalic anhydride	mil. lb.	'869.5	'691.0	42.1	75.6	64.7	68.5	53.7	57.2	48.0	69.0	54.4	58.7	48.0	
<b>ALCOHOL</b>															
<b>Ethyl alcohol and spirits:</b>															
Production	mil. tax gal.	571.2	601.1	39.8	48.2	37.6	41.9	52.6	51.9	44.3	53.3	61.9	61.6	65.0	
Stocks, end of period	do.	'83.3	82.1	81.6	72.8	64.0	57.5	58.0	59.9	55.7	49.1	48.1	45.5	82.1	
<b>Denatured alcohol:</b>															
Production	mil. wine gal.	'230.7	282.5	17.2	22.4	19.9	20.3	21.9	23.5	22.1	25.6	23.7	31.9	35.3	
Consumption (withdrawals)	do.	'226.0	274.6	15.2	22.8	18.5	20.2	21.7	22.4	23.2	25.5	23.6	28.8	34.6	
Stocks, end of period	do.	'5.4	6.5	6.2	4.8	4.8	4.5	4.7	5.1	4.0	4.0	3.9	5.7	6.5	

See footnotes at end of tables.

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## CHEMICALS AND ALLIED PRODUCTS—Continued

PLASTICS AND RESIN MATERIALS															
Production:															
Phenolic resins.....mil. lb.	'1,688.0	'1,209.8	100.7	101.5	103.7	102.5	102.7	89.7	91.8	101.1	107.0	93.4	91.3		
Polyethylene and copolymers.....do.	'12,603.6	'12,208.9	845.8	1,012.5	955.5	942.3	944.7	974.4	1,053.7	1,053.7	998.4	1,020.1	1,083.4		
Polypropylene.....do.	'4,007.8	'3,551.8	304.5	347.9	321.8	287.8	271.6	261.0	273.1	280.4	287.5	311.0	286.4		
Polystyrene and copolymers.....do.	'5,915.2	'5,060.0	397.5	432.8	414.4	435.4	422.2	432.1	441.1	460.5	434.0	421.1	352.1		
Polyvinyl chloride and copolymers.....do.	'5,618.4	'5,370.7	384.5	436.9	426.2	491.4	490.5	374.3	408.5	481.0	454.9	452.4	405.5		
MISCELLANEOUS PRODUCTS															
Explosives (industrial), shipments, quarterly															
.....mil. lb.	3,003.6	2,514.9		687.0			675.1			582.9			569.9		
Paints, varnish, and lacquer, shipments:															
Total shipments.....mil. \$.	8,395.7	'8,299.3	579.9	711.7	741.0	791.2	835.1	744.9	798.2	773.8	656.4	589.0	'533.2	607.6	
Architectural coatings.....do.	3,968.9	'4,051.7	274.2	355.5	362.9	415.9	433.6	390.7	408.7	379.3	302.4	254.7	'239.1	269.5	
Product finishes (OEM).....do.	2,737.2	'2,548.3	196.3	219.8	220.3	222.8	235.4	204.0	222.6	234.4	206.4	202.5	'181.8	219.6	
Special purpose coatings.....do.	1,689.5	'1,699.3	109.4	136.4	157.9	152.5	166.1	150.2	166.9	160.1	147.6	131.8	'112.3	118.5	

## ELECTRIC POWER AND GAS

ELECTRIC POWER															
Production:															
Electric utilities, total.....mil. kw.-hr.	2,294,812	2,242,047	180,310	187,662	172,588	177,261	186,204	210,543	205,656	180,662	172,967	173,377	184,718		
By fuels.....do.	2,034,129	1,932,549	153,614	157,784	144,661	149,199	158,178	183,131	181,768	160,766	153,216	150,080	156,962		
By waterpower.....do.	260,684	309,498	26,696	29,879	27,928	28,063	28,027	27,412	23,888	19,896	19,751	23,297	27,756		
Sales to ultimate customers, total (Edison Electric Institute) †.....mil. kw.-hr.															
Commercial \$.....do.	2,153,796			'542,662			512,758			563,084					
Industrial \$.....do.	541,426			'137,466			133,118			151,910					
.....do.	799,885			'185,625			188,374			193,918					
Railways and railroads.....do.	4,091			'1,059			1,006			1,038					
Residential or domestic.....do.	735,724			'204,112			171,862			198,141					
Street and highway lighting.....do.	14,975			'3,936			3,458			3,633					
Other public authorities.....do.	51,055			'12,938			13,358			12,901					
Interdepartmental.....do.	6,640			'1,527			1,581			1,543					
Revenue from sales to ultimate customers (Edison Electric Institute) †.....mil. \$.	111,584			'30,513			29,440			33,485					
GAS															
Total utility gas, quarterly (American Gas Association):															
Customers, end of period, total.....thous.	47,859			48,352			48,253			47,894					
Residential.....do.	44,059			44,466			44,405			44,116					
Commercial.....do.	3,563			3,644			3,613			3,546					
Industrial.....do.	189			194			187			184					
Other.....do.	48			49			48			48					
Sales to customers, total.....tril. Btu.	15,338			5,332			3,051			2,399					
Residential.....do.	4,573			2,279			876			405					
Commercial.....do.	2,357			1,078			459			285					
Industrial.....do.	8,165			1,875			1,674			1,670					
Other.....do.	243			100			42			39					
Revenue from sales to customers, total.....mil. \$.	56,478			22,859			13,348			10,789					
Residential.....do.	19,208			10,449			4,408			2,395					
Commercial.....do.	9,267			4,787			2,162			1,409					
Industrial.....do.	27,276			7,272			6,607			6,832					
Other.....do.	727			351			172			152					

## FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES															
Beer:															
Production.....mil. bbl.	193.69	196.21	15.00	17.65	17.62	18.22	18.19	17.17	19.50	15.64	15.07	13.65	13.31	14.77	
Taxable withdrawals.....do.	176.70	176.58	12.91	15.68	15.82	16.56	17.22	16.10	16.26	14.88	13.83	13.14	12.27	12.79	
Stocks, end of period.....do.	12.95	13.22	14.93	16.32	15.83	15.59	15.28	14.45	14.31	13.99	14.00	13.43	13.22	13.89	
Distilled spirits (total):															
Production.....mil. tax gal.	152.03	137.83	12.34	15.28	13.59	10.98	10.83	6.85	6.57	10.50	14.68	13.95	11.24		
Consumption, apparent, for beverage purposes †.....mil. wine gal.	'449.45	'437.66	30.22	35.69	36.13	33.29	'37.20	33.47	32.74	34.93	36.33	43.13	51.68		
Stocks, end of period †.....mil. tax gal.	'613.78	604.43	608.32	618.40	621.06	616.72	616.84	614.96	565.60	604.93	605.53	603.68	604.43		
Imports.....mil. proof gal.	117.93	106.02	6.33	5.82	7.98	9.12	10.86	7.29	8.95	9.87	12.75	11.75	8.29	12.41	4.90
Whisky:															
Production †.....mil. tax gal.	'96.68	90.96	8.88	10.32	10.20	7.54	7.81	4.94	4.57	6.66	8.31	7.73	6.63		
Stocks, end of period †.....do.	541.07	533.39	543.22	545.29	547.76	547.25	545.48	544.59	501.07	539.59	536.00	533.69	533.39		
Imports.....mil. proof gal.	86.53	76.60	4.65	4.06	5.91	6.88	8.09	5.40	5.88	7.19	9.89	8.18	5.54	9.59	3.02
Wines and distilling materials:															
Effervescent wines:															
Production.....mil. wine gal.	30.73	30.78	1.89	2.06	1.92	2.18	2.92	2.51	3.11	3.39	3.77	2.70	2.50		
Taxable withdrawals.....do.	27.27	29.03	1.12	1.93	1.62	2.57	1.98	1.21	2.17	1.90	6.55	2.85	3.99		
Stocks, end of period.....do.	11.53	13.15	13.09	13.23	13.59	13.36	13.65	15.52	15.56	16.52	14.64	14.02	13.15		
Imports.....do.	7.66	8.35	0.33	0.45	0.52	0.67	0.70	0.52	0.67	0.71	0.81	1.13	1.29	1.01	0.51
Still wines:															
Production †.....do.	466.23	554.01	6.03	7.07	4.87	3.81	4.97	5.18	29.96	162.79	229.61	72.07	23.64		
Taxable withdrawals †.....do.	363.64	396.21	25.63	35.16	30.03	28.62	30.96	25.76	29.17	27.10	34.14	71.06	29.58		
Stocks, end of period †.....do.	604.41	695.27	557.53	523.86	492.03	467.53	435.01	408.23	395.40	512.20	702.10	705.62	695.27		
Imports.....do.	107.60	113.78	6.49	7.81	8.16	9.45	10.61	8.83	9.99	9.93	9.13	11.94	11.47	12.42	7.78
Distilling materials produced at wineries.....do.	188.20	190.23	2.87	4.04	11.35	1.37	2.08	1.86	11.68	43.17	71.36	27.96	9.61		

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**FOOD AND KINDRED PRODUCTS; TOBACCO—Continued**

<b>DAIRY PRODUCTS</b>																
<b>Butter, creamery:</b>																
Production (factory) @ .....	mil. lb.	1,228.2	1,258.8	116.8	123.4											
Stocks, cold storage, end of period .....	do.	429.2	466.8	440.4	447.8											
Price, wholesale, 92 score (N.Y.) .....	\$ per lb.	1.535	( <sup>7</sup> )													
<b>Cheese:</b>																
Production (factory), total @ .....	mil. lb.	4,229.0	4,432.0	325.8	376.3											
American, whole milk @ .....	do.	2,608.5	2,692.7	204.9	232.2											
Stocks, cold storage, end of period .....	do.	709.6	963.5	696.4	722.4											
American, whole milk .....	do.	623.0	880.8	622.6	641.6											
Imports .....	do.	247.7	269.3	11.8	15.7	16.8	18.8									
Price, wholesale, cheddar, single daisies (Chicago) .....	\$ per lb.	1.672	1.684	1.684	1.684	1.684	1.684	1.684	1.684	1.683	1.686	1.686	1.686	1.680	1.666	1.666
<b>Condensed and evaporated milk:</b>																
Production, case goods @ .....	mil. lb.	757.9	738.5	53.6	61.5											
Stocks, manufacturers', case goods, end of period .....	mil. lb.	46.0	51.9	40.7	47.7											
Exports .....	do.	34.9	19.3	5.0	1.2	1.8	1.8	2.5	2.4	0.6	0.5	0.3	0.3	0.6	0.1	0.2
<b>Fluid milk:</b>																
Production on farms † .....	do.	133,013	135,795	10,991	11,728											
Utilization in mfd. dairy products @ .....	do.	76,004	78,371	6,099	6,945											
Price, wholesale, U.S. average .....	\$ per 100 lb.	13.80	13.55	13.80	13.60	13.40	13.20	13.10	13.20	13.20	13.50	13.80	14.00	13.90	13.80	13.80
<b>Dry milk:</b>																
<b>Production:</b>																
Dry whole milk @ .....	mil. lb.	92.7	101.7	8.0	9.4											
Nonfat dry milk (human food) @ .....	do.	1,314.3	1,397.2	107.2	125.3											
Stocks, manufacturers', end of period:																
Dry whole milk .....	do.	6.0	6.0	6.9	6.9											
Nonfat dry milk (human food) .....	do.	86.7	93.3	94.5	94.4											
Exports, whole and nonfat (human food) .....	do.	198.0	187.8	12.6	17.4	11.4	18.2	20.4	23.1	16.7	13.7	12.1	22.4	10.4	19.5	2.9
Price, manufacturers' average selling, nonfat dry milk (human food) .....	\$ per lb.	0.939	0.936	0.936	0.937											
<b>GRAIN AND GRAIN PRODUCTS</b>																
Exports (barley, corn, oats, rye, wheat) .....	mil. bu.	3,918.3	3,524.8	299.5	360.9	353.7	339.4	344.8	243.7	248.5	245.8	268.7	269.1	264.9	329.4	318.2
<b>Barley:</b>																
Production (crop estimate) † .....	do.	479.3	522.4													
Stocks (domestic), end of period, total † .....	do.	333.1	418.7		226.9											
On farms † .....	do.	231.2	293.9		147.5											
Off farms .....	do.	101.9	124.8		79.4											
Exports, including malt \$ .....	do.	95.9	66.4	8.2	6.5	3.9	7.5	6.3	4.9	8.6	5.7	1.5	3.0	1.9	7.6	1.5
<b>Corn:</b>																
Production (crop estimate, grain only) † .....	mil. bu.	8,201.6	8,397.3													
Stocks (domestic), end of period, total † .....	do.	6,967.7	8,422.7		5,131.8											
On farms † .....	do.	5,033.8	6,156.9		3,625.9											
Off farms .....	do.	1,933.8	2,265.8		1,505.9											
Exports, including meal and flour .....	do.	2,159.3	1,924.9	147.2	189.3	195.0	212.4	179.8	119.8	112.8	107.4	166.5	169.8	173.8	174.9	161.5
<b>Oats:</b>																
Production (crop estimate) † .....	mil. bu.	509.2	617.0													
Stocks (domestic), end of period, total † .....	do.	365.2	473.6		236.9											
On farms † .....	do.	314.1	397.9		200.5											
Off farms .....	do.	51.1	75.7		36.3											
Exports, including oatmeal .....	do.	12.8	5.8	0.3	0.6	0.8	0.6	0.8	0.3	0.3	0.3	0.8	0.2	0.3	0.1	0.2
Price, wholesale, No. 2, white (Minneapolis) .....	\$ per bu.	( <sup>7</sup> )														
<b>Rice:</b>																
<b>Production (crop estimate) .....</b>																
<b>California mills:</b>																
Receipts, domestic, rough .....	mil. lb.	3,359	2,986	184	221	202	204	77	723	225	76	505	346	139	140	189
Shipments from mills, milled rice .....	do.	2,267	1,619	62	76	129	210	279	161	332	110	81	63	47	103	162
Stocks, rough and cleaned (cleaned basis), end of period .....	mil. lb.	510	503	550	628	639	577	356	344	174	108	369	462	503	491	428
<b>Southern States mills (Ark., La., Tenn., Tex.):</b>																
Receipts, rough, from producers .....	mil. lb.	10,821	11,482	683	784	702	552	406	434	1,198	3,278	1,507	714	720	588	712
Shipments from mills, milled rice .....	do.	7,354	7,020	564	685	662	602	583	505	559	615	541	542	550	403	569
Stocks, domestic, rough and cleaned (cleaned basis), end of period .....	mil. lb.	2,763	3,170	2,300	2,132	1,868	1,610	1,308	1,012	1,270	2,826	3,276	3,232	3,170	3,186	3,064
Exports .....	do.	6,801	5,516	515	399	487	661	538	370	809	320	431	199	307	241	316
Price, wholesale, No. 2, medium grain (Southwest Louisiana) .....	\$ per lb.	0.256	0.166	0.175	0.160	0.158	0.165	0.163	0.160	0.165	0.165	0.165	0.155	0.180	0.170	0.165
<b>Rye:</b>																
Production (crop estimate) † .....	mil. bu.	18.8	20.8													
Stocks (domestic), end of period † .....	do.	7.9	10.9		5.8											
<b>Wheat:</b>																
<b>Production (crop estimate), total † .....</b>																
Spring wheat † .....	do.	2,799	2,809													
Winter wheat † .....	do.	695	700													
Distribution, quarterly @@ .....	do.	2,104	2,108													
Stocks (domestic), end of period, total † .....	do.	2,526	2,472		622											
On farms † .....	do.	2,178.0	2,521.4		1,557.1											
Off farms .....	do.	955.6	1,167.4		748.4											
Exports, total, including flour .....	do.	1,222.4	1,354.0		808.7											
Wheat only .....	do.	1,647.7	1,527.5	143.8	164.5	154.1	118.9	157.9	118.7	126.8	132.4	99.9	96.0	88.9	146.8	155.0
	do.	1,610.8	1,493.6	138.7	159.1	147.4	114.8	155.7	117.9	124.0	130.8	98.5	94.1	88.5	143.1	146.3

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<b>FOOD AND KINDRED PRODUCTS; TOBACCO—Continued</b>																
<b>GRAIN AND GRAIN PRODUCTS—Continued</b>																
Wheat flour:																
Production:																
Flour †.....thous. sacks (100 lb.)..	283,966	284,965	23,553	25,256	22,474	21,886	22,471	23,153	24,669	24,213	24,965	23,867	24,473	24,392		
Millfeed †.....thous. sh. tons..	5,045	5,136	423	453	403	393	406	424	448	435	450	429	441	437		
Grindings of wheat †.....thous. bu.	634,381	640,158	52,786	56,663	50,348	49,018	50,215	52,333	55,826	54,340	56,328	53,778	54,783	54,717		
Stocks held by mills, end of period																
thous. sacks (100 lb.)..	3,460	4,276		3,384			3,744			3,563			4,276			
Exports.....do.....	15,839	14,518	2,165	2,336	2,858	1,760	944	352	1,196	698	593	824	185	1,587	3,734	
Prices, wholesale:																
Spring, standard patent (Minneapolis)																
\$ per 100 lb..	10.844	10.545	10.950	10.738	10.538	10.550	10.500	10.538	10.188	10.475	10.388	10.463	10.450	10.163	10.300	10.753
Winter, hard, 95% patent (Kans. City).....do.....	10.347	10.600	10.700	10.638	10.425								10.200			
<b>POULTRY AND EGGS</b>																
Poultry:																
Slaughter.....mil. lb.	15,058	15,146	1,075	1,267	1,227	1,223	1,360	1,306	1,377	1,364	1,337	1,270	1,223	1,221	1,107	
Stocks, cold storage (frozen), end of period, total																
mil. lb.	392	345	374	377			425			565			345	329	313	
do.....	238	204	236	233			282			436			204	194	188	
Turkeys.....do.....																
Price, in Georgia producing area, live broilers																
\$ per lb.	0.265	0.250	0.250	0.256	0.235	0.260	0.270	0.270	0.250	0.265	0.230	0.230	0.235	0.240	0.265	0.245
Eggs:																
Production on farms.....mil. cases \$.	194.0	193.6	148.5			48.8			47.9			48.4		16.4	14.8	
Stocks, cold storage, end of period:																
Shell.....thous. cases \$.	35	34	19	39			32			29			34	35	25	
Frozen.....mil. lb.	22	25	19	17			23			28			25	28	27	
Price, wholesale, large (delivered; Chicago)																
\$ per doz..	0.690	0.668	0.742	0.752	0.683	0.604	0.608	0.617	0.616	0.659	0.668	0.662	0.641	0.602	0.627	0.662
<b>LIVESTOCK</b>																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals..	2,478	2,729		702			609			692			726	221	204	
Cattle.....do.....	32,819	33,907		8,183			8,192			8,770			8,762	2,893	2,554	
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb.	63.84	64.30	63.54	65.80	69.11	72.10	70.18	66.18	65.14	61.25	58.78	58.91	59.82	59.33	61.20	64.03
Steers, stocker and feeder (Kansas City).....do.....	64.26	62.79	62.37	63.96	64.72	66.07	63.70	64.17	66.42	63.55	62.21	61.24	59.17	63.70	66.34	66.71
Calves, vealers (So. St. Paul).....do.....	77.25	77.70	67.50	71.50	78.00	82.88	85.00	84.84	81.12	84.60	75.00	75.00	78.40	75.88	75.00	75.50
Hogs:																
Slaughter (federally inspected).....thous. animals..	87,850	79,328		20,908			20,043			18,310			20,068	6,421	5,762	
Prices:																
Wholesale, average, all weights (Sioux City)																
\$ per 100 lb..	44.29	55.21	49.70	49.50	52.16	58.35	59.01	59.70	63.18	63.12	57.27	53.90	55.23	57.24	57.78	51.37
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	14.9	22.4	19.8	19.8	20.1	21.8	22.4	23.2	26.7	28.6	28.2	24.6	23.7	23.4	21.9	18.7
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals..	5,789	6,273		1,570			1,493			1,577			1,634	509	457	
Price, wholesale, lambs, average (Omaha)																
\$ per 100 lb..	52.23	53.98	51.50	59.00	59.50	66.25	60.50	57.25	50.50	50.00	48.25	46.75	48.50	53.50	58.50	59.75
<b>MEATS</b>																
Total meats (excluding lard):																
Production, total.....mil. lb.	38,675	37,266		9,345			9,097			9,165			9,659	3,151	2,786	
Stocks, cold storage, end of period.....do.....	578	554	524	536			504			474			554	573	569	
Exports (meat and meat preparations).....do.....	1,847	1,566	147	124	131	167	147	111	108	112	133	143	115	114	104	
Imports (meat and meat preparations).....do.....	1,832	2,015	106	160	169	167	215	158	234	246	194	124	114	208	177	
Beef and veal:																
Production, total.....do.....	22,629	22,789		5,562			5,462			5,837			5,928	1,961	1,738	
Stocks, cold storage, end of period.....do.....	266	302	232	220			197			254			302	310	316	
Exports.....do.....	486	540	46	44	40	52	49	40	41	42	52	56	43	44	42	
Imports.....do.....	1,317	1,446	72	108	130	116	158	113	180	194	146	67	69	153	127	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb.	0.998	1.013	1.012	1.038	1.095	1.151	1.112	1.026	1.008	0.955	0.930	0.929	0.926	0.939	0.966	1.006
Lamb and mutton:																
Production, total.....mil. lb.	328	356		90			85			88			93	30	27	
Stocks, cold storage, end of period.....do.....	11	9	8	9			8			9			9	8	8	
Pork (excluding lard):																
Production, total.....mil. lb.	15,719	14,121		3,693			3,550			3,240			3,638	1,159	1,021	
Stocks, cold storage, end of period.....do.....	264	219	246	274			264			183			219	224	215	
Exports.....do.....	347	282	25	21	22	42	32	19	18	16	17	22	19	15	18	
Imports.....do.....	432	498	30	46	34	43	50	42	45	44	43	51	40	50	42	
Prices, wholesale:																
Hams, smoked #.....Index, 1967=100.	266.5		278.6	282.4	283.7	289.2	299.4	299.6	305.6	327.5	342.7	342.0	352.4	329.8	323.0	314.3
Fresh loins, 8-14 lb. average (N.Y.).....\$ per lb.	1.137	1.277	1.169	1.100	1.186	1.301	1.386	1.376	1.366	1.415	1.349	1.232	1.229	1.291	1.369	1.219
<b>MISCELLANEOUS FOOD PRODUCTS</b>																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons..	245.0	194.2	29.0	17.6	15.3	16.8	11.9	13.0	20.3	14.3	14.4	14.4	17.4	46.0	42.7	
Price, wholesale, Accra (New York).....\$ per lb.	1.085	0.924	1.070	1.020	0.990	0.940	0.800	0.830	0.860	0.870	0.880	0.820	0.850	0.910	1.020	0.990
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period.....thous. bags #.	(3)															
Roastings (green weight).....do.....	(4)															
Imports, total.....do.....	16,555	17,416	1,195	1,490	1,147	1,476	1,335	1,282	1,602	1,640	2,005	1,356	1,602	1,556	1,332	
From Brazil.....do.....	3,243	3,372	210	267	227	299	213	264	307	412	445	196	346	384	310	
Price, wholesale, Santos, No. 4 (N.Y.).....\$ per lb.	1.594	1.420	1.360	1.360	1.450	1.450	1.450	1.450	1.450	1.450	1.450	1.330	1.330	1.330	1.330	
Confectionery, manufacturers' sales @.....mil. \$.	5,189	5,456	507	486	390	338	360	330	491	608	570	510	469	(5)		
Fish:																
Stocks, cold storage, end of period.....mil. lb.	350	383	293	275	256	250	280	334	372	389	369	385	383	347	307	

See footnotes at end of tables.

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

<b>MISCELLANEOUS FOOD PRODUCTS—Cont.</b>															
Sugar (United States):															
Deliveries and supply (raw basis): §															
Production and receipts:															
Production..... thous. sh. tons..	5,157	(*)	(*)												
Deliveries, total..... do.....	10,922	(*)	(*)												
For domestic consumption..... do.....	9,731	(*)	(*)												
Stocks, raw and ref., end of period..... do.....	3,311	(*)	3,644	(*)											
Exports, raw and refined..... sh. tons..	979,157	58,512	16,359	4,246	2,953	2,837	15,619	2,212	1,478	1,751	4,551	1,299	837	1,624	934
Imports, raw and refined..... thous. sh. tons..	5,054	2,616	100	316	215	142	218	360	133	90	520	167	133	164	219
Prices, wholesale (New York):															
Raw..... \$ per lb.....	0.198	(*)	0.178	0.169	0.176	0.195	0.208	(*)							
Refined (excl. excise tax)..... do.....	0.303	(*)	0.282	0.282	0.280	0.300	0.300	(*)							
Tea, imports..... thous. lb.....	190,254	182,613	15,464	13,787	13,176	16,518	14,309	14,286	15,598	17,425	16,207	18,222	12,567	13,748	15,092
<b>TOBACCO</b>															
Leaf:															
Production (crop estimate)..... mil. lb.....	1,2064	1,962													
Stocks, dealers' and manufacturers', end of period §..... mil. lb.....	5,080	5,371		4,983			4,675			5,034			5,371		
Exports, incl. scrap and stems..... thous. lb.....	575,255	550,006	39,392	49,862	41,756	53,960	37,226	23,910	30,179	24,805	74,480	92,236	50,528	24,189	38,339
Imports, incl. scrap and stems..... do.....	335,920	295,740	16,579	20,393	22,659	24,820	25,012	17,725	41,903	25,541	29,006	29,126	11,714	23,898	19,565
Manufactured:															
Consumption (withdrawals):															
Cigarettes (small):															
Tax-exempt..... millions.....	92,006	82,078	8,990	7,584	6,577	5,919	6,265	5,784	7,595	6,789	6,415	6,766	5,915	6,828	
Taxable..... do.....	638,114	614,017	52,850	57,430	48,368	48,240	60,590	49,167	55,802	56,655	54,068	49,538	33,075	48,686	
Cigars (large), taxable..... do.....	3,258	3,056	221	267	248	269	292	234	279	291	259	261	220	229	
Exports, cigarettes..... do.....	82,582	73,585	8,148	7,337	5,540	5,670	5,797	4,461	5,844	5,894	6,734	6,144	5,589	5,614	5,811

**LEATHER AND PRODUCTS**

<b>LEATHER</b>																
Exports:																
Upper and lining leather..... thous. sq. ft.....	192,193	159,804	10,343	13,696	15,534	17,449	18,610	18,486	12,065	10,417	11,842	9,726	10,786	11,052	12,453	
Price, producer:																
Sole, bends, light..... index, 1967=100.....	306.7															
<b>LEATHER MANUFACTURES</b>																
Footwear:																
Production, total..... thous. pairs.....	380,383	324,659	27,128	31,060	26,894	27,940	28,219	23,561	27,873	28,448	28,394	25,848	23,035			
Shoes, sandals, and play shoes, except athletic..... thous. pairs.....	289,745	241,103	20,102	22,975	19,680	20,878	20,444	18,831	20,365	20,785	20,303	18,709	17,853			
Slippers..... do.....	74,662	67,913	5,734	6,672	5,991	5,672	6,427	3,933	6,044	6,288	6,580	5,876	3,867			
Athletic..... do.....	15,976	15,643	1,292	1,413	1,223	1,390	1,348	797	1,464	1,375	1,511	1,263	1,315			
Other footwear..... do.....	3,556	3,603	274	365	334	298	341	242	241	320	357	331	243			
Exports..... do.....	9,688	7,717	629	681	839	693	742	636	577	595	649	635	536	497	436	
Prices, producer: *																
Men's leather upper, dress and casual..... index, 12/80=100.....	103.1	105.3	103.5	104.0	105.8	106.0	101.2	106.2	106.3	106.4	107.0	107.0	105.4	106.1	105.2	106.6
Women's leather upper..... index, 1967=100.....	214.4	215.8	205.3	207.7	215.6	214.1	218.5	219.0	219.5	220.0	221.8	221.8	221.8	218.5	219.8	220.4
Women's plastic upper..... index, 12/80=100.....	99.6	97.9	94.4	94.7	98.3	98.3	98.5	99.1	99.1	99.7	99.8	99.8	99.2	99.1	99.2	98.7

**LUMBER AND PRODUCTS**

<b>LUMBER—ALL TYPES #</b>															
National Forest Products Association:															
Production, total..... mil. bd. ft.....	29,592	26,960	1,891	2,148	2,281	2,251	2,338	2,376	2,560	2,445	2,333	2,247	2,004	2,484	
Hardwoods..... do.....	6,835	5,077	402	411	416	419	443	388	382	393	400	391	337	397	
Softwoods..... do.....	22,757	21,883	1,489	1,737	1,865	1,822	1,895	1,988	2,178	2,052	1,933	1,856	1,667	2,087	
Shipments, total..... do.....	29,491	27,163	1,837	2,148	2,336	2,308	2,513	2,363	2,450	2,260	2,506	2,353	2,162	2,435	
Hardwoods..... do.....	6,655	5,261	430	446	427	465	438	381	377	396	407	398	360	419	
Softwoods..... do.....	22,836	21,902	1,407	1,702	1,909	1,843	2,075	1,982	2,073	1,864	2,099	1,955	1,802	2,016	
Stocks (gross), mill, end of period, total..... do.....	5,927	5,724	6,068	6,042	5,983	5,915	5,853	5,867	5,977	6,163	5,986	5,881	5,724	5,770	
Hardwoods..... do.....	1,945	1,761	1,906	1,842	1,827	1,786	1,789	1,797	1,802	1,799	1,789	1,783	1,761	1,735	
Softwoods..... do.....	3,982	3,963	4,162	4,200	4,156	4,129	4,064	4,070	4,175	4,364	4,179	4,098	3,963	4,035	
Exports, total sawmill products..... do.....															
Imports, total sawmill products..... do.....	9,518	9,421	585	601	792	848	888	874	888	962	758	916	781	879	933
<b>SOFTWOODS</b>															
Douglas fir:															
Orders, new..... mil. bd. ft.....	6,393	6,025	393	523	473	486	550	504	569	481	573	573	537	683	505
Orders, unfilled, end of period..... do.....	429	612	443	496	487	481	500	488	494	501	510	572	612	707	666
Production..... do.....	6,395	5,783	457	454	465	482	472	520	556	512	490	509	452	642	612
Shipments..... do.....	6,463	5,842	421	470	482	492	530	516	563	474	564	511	497	588	546
Stocks (gross), mill, end of period..... do.....	844	853	974	958	941	931	939	943	936	974	900	898	853	907	973
Exports, total sawmill products..... do.....	523	471	34	54	46	48	40	31	42	31	41	31	39	41	45
Sawed timber..... do.....	129	125	8	18	14	14	9	8	14	7	8	6	8	11	7
Boards, planks, scantlings, etc..... do.....	394	345	26	36	32	35	30	23	28	24	33	25	31	30	38
Price, wholesale:															
Dimension, construction, dried, 2" x 4", R.L.															
\$ per M bd. ft.....															

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## LUMBER AND PRODUCTS—Continued

SOFTWOODS—Continued															
Southern pine:															
Orders, new.....mil. bd. ft.	'6,128	'6,016	409	520	486	513	599	493	537	508	607	512	488	590	
Orders, unfilled, end of period.....do.....	418	438	448	476	446	463	467	409	427	401	438	435	438	476	
Production.....do.....	'6,143	'6,186	419	487	515	490	556	547	582	643	563	513	505	521	
Shipments.....do.....	'6,129	'5,996	391	492	516	496	595	551	519	534	570	515	485	552	
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	1,284	1,474	1,346	1,341	1,340	1,334	1,295	1,291	1,354	1,464	1,456	1,454	1,474	1,444	
Exports, total sawmill products.....thous. bd. ft.	227,020	245,221	18,936	20,195	23,660	19,318	26,989	18,752	17,778	22,926	19,908	22,203	20,273	19,753	18,314
Prices, wholesale (indexes):															
Boards, No. 2 and better, 1" x 6", R.L. 1967=100.....															
Flooring, C and better, F. G., 1" x 4", S.L. 1967=100.....															
Western pine:															
Orders, new.....mil. bd. ft.	7,235	7,017	413	562	608	605	609	629	741	609	684	663	526	661	568
Orders, unfilled, end of period.....do.....	219	324	261	333	302	331	305	304	337	357	365	364	324	390	389
Production.....do.....	7,261	6,803	417	529	621	572	603	642	726	603	605	598	504	601	636
Shipments.....do.....	7,342	6,912	409	490	639	576	634	630	708	590	676	664	566	595	569
Stocks (gross), mill, end of period.....do.....	1,104	1,040	1,166	1,205	1,187	1,183	1,196	1,208	1,226	1,239	1,168	1,102	1,040	1,046	1,113
Price, wholesale, Ponderosa, boards, No. 3, 1" x 12", R.L. (6" and over).....\$ per M bd. ft.															
HARDWOOD FLOORING															
Oak:															
Orders, unfilled, end of period.....mil. bd. ft.	2.8	4.8	2.2	2.6	1.9	1.8	2.1	2.2	3.3	2.7	2.8	3.4	4.8	6.7	6.4
Shipments.....do.....	83.1	75.0	5.4	6.9	6.0	6.0	6.2	5.8	6.7	7.3	6.7	6.3	6.2	8.0	6.5
Stocks (gross), mill, end of period.....do.....	10.1	12.0	10.3	9.9	10.5	10.2	11.8	11.4	11.3	10.4	10.6	10.9	12.0	9.3	8.7

## METALS AND MANUFACTURES

IRON AND STEEL															
Exports:															
Steel mill products.....thous. sh. tons.	2,904	1,842	154	197	148	194	180	146	152	158	133	109	97	95	92
Scrap.....do.....	'6,456	'6,804	539	522	507	812	806	577	542	607	434	620	375	625	372
Pig iron.....do.....	16	54	( <sup>2</sup> )	1	1	1	6	1	1	18	1	21	( <sup>2</sup> )	1	( <sup>2</sup> )
Imports:															
Steel mill products.....do.....	19,898	'16,663	1,600	1,356	1,029	1,696	1,784	1,113	1,451	1,191	1,146	1,258	1,090	1,098	1,173
Scrap.....do.....	'562	474	41	36	41	57	49	37	45	37	35	38	27	35	29
Pig iron.....do.....	433	322	16	14	48	71	35	9	15	14	41	11	13	5	7
Iron and Steel Scrap															
Production.....thous. sh. tons.	'43,260	27,840	2,753	3,019	2,597	2,418	2,320	2,119	2,122	2,078	1,975	1,924	'1,687	1,860	
Receipts, net.....do.....	'41,981	'27,477	2,889	3,114	2,779	2,611	2,303	2,033	2,133	2,106	2,134	1,773	'1,855	2,250	
Consumption.....do.....	'85,097	'56,452	5,615	6,180	5,391	5,077	4,715	4,336	4,377	4,357	4,226	3,757	'3,611	4,300	
Stocks, end of period.....do.....	8,118	'6,421	7,870	7,762	7,716	7,650	7,551	7,352	7,117	6,954	6,628	6,479	'6,421	6,177	
Prices, steel scrap, No. 1 heavy melting:															
Composite.....\$ per lg. ton.	90.17	61.51	80.47	75.93	69.98	62.85	55.21	53.84	54.77	53.48	52.32	48.94	48.61	55.19	61.13
Pittsburgh district.....do.....	100.50	66.71	91.50	85.00	75.00	64.00	59.50	57.50	58.00	58.00	55.00	51.50	51.50	62.50	68.00
Ore															
Iron ore (operations in all U.S. districts):															
Mine production.....thous. lg. tons.	'73,174	'36,495	5,244	5,126	5,347	4,358	2,525	869	909	744	1,470	1,728	2,365	2,463	
Shipments from mines.....do.....	'72,181	'36,956	1,180	1,433	2,265	5,306	4,964	4,795	4,193	3,943	3,161	3,065	1,569	395	
Imports.....do.....	28,328	14,715	1,018	646	773	1,199	1,865	1,508	1,532	1,424	1,395	898	826	463	320
U.S. and foreign ores and ore agglomerates:															
Receipts at iron and steel plants.....do.....	96,645	49,872	1,589	1,596	2,795	6,672	7,182	6,746	5,848	5,361	4,368	3,395	2,655	674	646
Consumption at iron and steel plants.....do.....	94,958	55,234	5,175	5,670	4,888	4,896	4,342	4,705	4,369	4,249	4,192	3,664	3,565	3,882	3,978
Exports (domestic).....do.....	5,546	'3,177	1	1	'236	'391	'604	'324	'57	'501	'339	'486	'235	( <sup>2</sup> )	2
Stocks, total, end of period.....do.....	60,243	52,621	60,894	57,340	57,725	57,645	58,457	59,065	57,833	55,774	54,480	52,647	52,621	45,534	
At mines.....do.....	12,734	16,948	25,701	26,576	29,740	28,314	26,380	25,297	22,137	19,042	17,423	16,098	16,948	12,997	
At furnace yards.....do.....	36,203	29,923	28,813	24,654	22,504	24,209	26,909	28,860	30,276	31,326	31,501	30,953	29,923	26,896	22,904
At U.S. docks.....do.....	6,571	5,750	6,380	6,110	5,481	5,122	5,168	4,908	5,420	5,406	5,556	5,596	5,750	5,641	5,375
Manganese (mn. content), general imports.....do.....	775	467	49	65	55	22	58	35	33	14	25	32	15	61	
Pig Iron and Iron Products															
Pig iron:															
Production (including production of ferroalloys) thous. sh. tons.	73,570	'43,136	4,169	4,622	3,967	3,904	3,595	3,516	3,277	3,160	3,077	2,648	2,712	3,192	3,264
Consumption.....do.....	'75,074	'44,541	4,384	4,869	4,083	3,975	3,648	3,554	3,431	3,261	3,201	2,837	2,883	3,259	
Stocks, end of period.....do.....	859	580	822	782	745	747	758	728	697	681	649	603	580	576	
Price, basic furnace.....\$ per sh. ton.	206.00		213.00	213.00	213.00	213.00	213.00	213.00	213.00	213.00					
Castings, gray and ductile iron:															
Orders, unfilled, for sale, end of period															
thous. sh. tons.	736	529	761	726	696	651	610	611	608	575	505	521	'536	577	
Shipments, total.....do.....	11,801	8,196	764	860	771	741	756	616	630	631	618	'584	'450	627	
For sale.....do.....	6,587	4,682	412	482	445	432	428	359	404	369	351	334	'266	367	
Castings, malleable iron:															
Orders, unfilled, for sale, end of period															
thous. sh. tons.	32	14	29	29	25	24	24	16	16	15	13	13	14	17	
Shipments, total.....do.....	422	285	26	30	28	27	29	21	23	22	19	'18	18	21	
For sale.....do.....	200	120	15	13	12	12	11	7	10	8	7	'7	6	7	

See footnotes at end of tables.

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	Annual		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>METALS AND MANUFACTURES—Continued</b>																
<b>Steel, Raw and Semifinished</b>																
Steel (raw):																
Production..... thous. sh. tons.	'120,828	'72,903	7,178	8,049	7,006	6,678	6,050	5,719	5,538	5,299	5,262	4,546	4,456	5,570	5,676	7,127
Rate of capability utilization..... percent.	78.3	47.3	60.9	61.7	55.2	50.9	47.7	43.8	42.4	41.9	40.2	35.9	34.0	43.4	49.0	55.5
Steel castings:																
Orders, unfilled, for sale, end of period																
thous. sh. tons.	373	161	359	335	304	276	250	232	222	213	181	172	161	164		
Shipments, total..... do.	1,743	1,023	114	129	113	101	91	63	65	68	63	56	45	54		
For sale, total..... do.	1,558	927	104	117	103	93	82	56	58	62	56	50	39	50		
<b>Steel Mill Products</b>																
Steel products, net shipments:																
Total (all grades)..... thous. sh. tons.	87,014	59,783	5,434	6,163	5,488	5,149	5,372	4,514	4,724	4,760	4,309	4,088	4,234	4,583	4,588	
By product:																
Semifinished products..... do.	5,598	3,408	285	325	318	306	291	257	269	283	291	260	255	229	278	
Structural shapes (heavy), steel piling..... do.	4,903	3,424	323	365	321	290	284	272	265	280	321	237	210	237	239	
Plates..... do.	7,397	4,136	498	527	393	330	316	259	300	269	261	260	260	254	251	
Rails and accessories..... do.	1,458	782	102	91	73	74	68	56	41	44	36	49	51	42	55	
Bars and tool steel, total..... do.	13,828	9,440	821	1,015	865	846	855	668	766	746	715	639	615	756	756	
Bars: Hot rolled (incl. light shapes)..... do.	7,770	4,857	506	573	470	434	440	304	361	347	238	280	312	415	366	
Bars: Reinforcing..... do.	4,371	3,526	205	320	298	321	319	296	325	322	323	293	241	253	232	
Bars: Cold finished..... do.	1,620	1,013	105	117	93	87	92	66	76	73	68	64	59	85	75	
Pipe and tubing..... do.	10,286	5,026	702	662	602	476	388	274	246	228	220	224	220	232	224	
Wire and wire products..... do.	1,694	1,332	115	133	125	123	123	113	112	113	108	89	83	98	99	
Tin mill products..... do.	4,927	4,321	449	400	328	338	386	331	386	502	251	266	294	380	321	
Sheets and strip (incl. electrical), total..... do.	36,924	27,914	2,139	2,645	2,462	2,367	2,661	2,285	2,340	2,295	2,189	2,063	2,247	2,355	2,366	
Sheets: Hot rolled..... do.	13,451	9,052	768	953	828	759	848	758	746	665	657	637	656	769	797	
Sheets: Cold rolled..... do.	14,396	11,132	817	1,030	1,005	957	1,069	884	919	915	878	832	974	941	940	
By market (quarterly):																
Service centers and distributors..... do.	17,637	'12,972		3,429			3,213			3,099			3,029	'1,067	'1,069	
Construction, incl. maintenance..... do.	8,446	6,260		1,684			1,651			1,568			1,379	'429	'396	
Contractors' products..... do.	3,230	2,290		592			598			548			543	'213	'184	
Automotive..... do.	13,154	'9,295		2,367			2,791			2,311			2,036	'662	'779	
Rail transportation..... do.	2,162	1,030		411			277			183			159	'51	'60	
Machinery, industrial equip., tools..... do.	4,624	2,582		960			689			491			446	'170	'168	
Containers, packaging, ship. materials..... do.	5,292	4,471		1,260			1,115			1,252			837	'374	'333	
Other..... do.	'32,469	'20,883		6,500			5,676			4,546			4,201	'1,617	'1,599	
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																
Producing mills, inventory, end of period:																
Steel in process..... mil. sh. tons.	30.0	22.1	29.9	29.4	28.8	28.1	26.9	26.5	25.8	24.8	24.0	23.0	22.1	22.1		
Finished steel..... do.	11.3	8.1	11.3	11.2	11.0	10.9	10.4	10.2	9.9	9.6	9.3	8.6	8.1	8.1		
Service centers (warehouses), inventory, end of period..... mil. sh. tons.	7.4	5.3	7.2	7.1	7.0	6.9	6.5	6.5	6.3	6.0	5.8	5.6	5.3	5.1		
Consumers (manufacturers only):																
Inventory, end of period..... do.	5.9	4.0	6.2	5.9	5.7	5.3	4.9	4.8	4.6	4.4	4.2	4.1	4.0	4.2		
Receipts during period..... do.	71.7	54.8	5.3	5.8	5.0	4.8	4.7	4.3	4.4	4.5	4.2	3.8	3.3	4.2		
Consumption during period..... do.	72.4	56.7	5.1	6.1	5.2	5.2	5.1	4.4	4.6	4.7	4.4	3.9	3.4	4.1		
<b>NONFERROUS METALS AND PRODUCTS</b>																
<b>Aluminum:</b>																
Production, primary (dom. and foreign ores)																
thous. sh. tons.	4,948	3,609	311	336	319	321	300	297	287	271	275	266	275	279		
Recovery from scrap (aluminum content)..... do.	'2,239	2,045	156	170	170	167	188	182	186	181	180	164	157	164		
Imports (general):																
Metal and alloys, crude..... do.	'710.7	678.4	65.9	61.7	61.0	51.0	66.5	42.2	78.2	52.8	52.7	60.1	47.8	53.1	47.0	
Plates, sheets, bars, etc..... do.	'142.5	213.4	19.1	21.4	14.1	19.5	15.5	16.7	17.9	16.9	18.9	18.2	17.5	22.1	21.7	
Exports:																
Metal and alloys, crude..... do.	344.2	401.2	18.8	46.0	26.6	19.9	48.5	24.2	42.6	23.6	59.5	42.1	27.3	56.1	13.4	
Plates, sheets, bars, etc..... do.	'281.9	200.4	17.8	18.3	15.4	15.9	19.9	13.3	14.3	22.0	20.4	12.1	12.6	13.9	13.2	
Price, primary ingot, 99.5% minimum.... \$ per lb.	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600		
<b>Aluminum products:</b>																
Shipments:																
Ingot and mill prod. (net ship.)..... mil. lb.	13,237	11,871	934	1,095	995	971	1,113	879	1,100	1,014	'958	938	1,024			
Mill products, total..... do.	10,328	9,109	734	831	783	762	833	744	777	781	727	719	680			
Sheet and plate..... do.	5,978	5,329	430	482	452	441	498	444	462	465	417	419	390			
Castings..... do.	1,581	'1,306	105	120	119	116	143	102	104	108	'101	98	85	102		
Inventories, total (ingot, mill products, and scrap), end of period..... mil. lb.	6,607	6,233	6,742	6,658	6,683	6,684	6,577	6,626	6,508	6,434	6,431	6,388	6,233			
<b>Copper:</b>																
Production:																
Mine, recoverable copper..... thous. met. tons.	1,538.2	1,135.0	107.4	119.9	112.0	97.0	90.0	84.6	81.1	75.3	86.5	89.4	'81.0	89.0		
Refinery, primary..... do.	'1,544.0	1,225.0	104.7	117.2	105.4	99.3	93.9	99.5	91.5	94.7	95.0	114.2	'102.8	94.5		
From domestic ores..... do.	'1,430.2	1,077.0	96.2	110.4	97.9	90.5	85.8	85.7	74.1	75.6	80.1	98.1	'85.4	76.6		
From foreign ores..... do.	'113.8	148.0	8.5	6.9	7.4	8.8	8.0	13.8	17.4	19.0	14.9	16.1	'17.5	17.8		
Secondary, recovered as refined..... do.	631.9		51.8	51.4	49.2	52.0	39.2	34.9	28.6	60.7						
Imports (general):																
Refined, unrefined, scrap (copper cont.)..... do.	502.5	522.2	40.6	30.8	30.6	47.5	50.6	47.5	42.9	57.3	56.2	42.3	'39.7	50.6	42.6	
Refined..... do.	359.3	285.5	15.7	18.8	22.3	20.4	29.2	27.2	25.8	29.9	27.6	26.2	21.9	34.0	27.0	
Exports:																
Refined and scrap..... do.	339.7	378.0	21.9	29.4	30.5	39.1	20.4	33.5	34.0	36.6	40.2	34.3	22.8	33.4	14.5	
Refined..... do.	27.2	35.0	0.6	0.9	1.0	1.6	1.6	2.9	5.4	9.9	8.6	0.8	1.1	13.4	0.7	
Consumption, refined (by mills, etc.)..... thous. sh. tons.	2,045			508			485			407						
Stocks, refined, end of period..... do.	511			558			587			592						
Price, electrolytic (wirebars), dom., delivered \$ per lb.	0.8512	0.7431	0.7878	0.7586	0.7627	0.7487	0.7149	0.7105	0.7100	0.7106	0.7241	0.7297	0.7423	0.8022	0.8402	0.8207

See footnotes at end of tables.

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	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
<b>METALS AND MANUFACTURES—Continued</b>																
<b>NONFERROUS METALS AND PRODUCTS—Continued</b>																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products..... mil. lb.	2,622	2,014	544			548					497			425		
Copper wire mill products (copper cont.)..... do....	2,847	2,393	654			634					575			530		
Brass and bronze foundry products..... do....	471	405	114			107					90			94		
Lead:																
Production:																
Mine, recoverable lead..... thous. met. tons.	445.5	515.9	43.5	48.7	44.3	42.1	42.6	37.0	42.9	41.7	45.0	42.1	45.4	44.9		
Recovered from scrap (lead cont.)..... do....	1,641.1	528.8	48.2	48.0	47.6	46.1	44.8	34.4	44.2	41.9	44.6	41.9	41.5	41.3		
Imports (general), ore (lead cont.), metal..... do....	68.9	50.1	3.4	4.9	3.8	1.9	5.4	1.6	8.5	2.3	8.2	1.9	2.4	2.1	8.1	
Consumption, total..... do....	1,167.1	1,066.2	84.4	90.9	88.3	82.1	84.5	73.0	90.7	87.9	95.3	83.2	83.1	82.3		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS..... thous. met. tons.	83.3	75.0	79.3	81.2	85.7	85.6	82.1	79.2	79.0	75.1	76.6	75.9	75.0	75.3	73.6	
Refiners' (primary), refined and antimonial (lead content)..... thous. met. tons.	79.5	74.1	70.0	73.4	65.5	61.7	69.0	66.6	61.7	66.6	69.0	73.6	74.1	78.8		
Consumers' (lead content)..... do....	123.2	77.4	88.4	85.2	87.2	81.7	88.3	84.2	83.5	84.2	79.4	77.4	77.4	80.0		
Scrap (lead-base, purchased), all smelters (gross weight)..... thous. met. tons.	41.7	33.5	36.8	35.1	34.5	32.7	36.1	39.3	34.8	31.6	30.6	37.1	33.5	28.3		
Price, common grade, delivered..... \$ per lb.	0.3653	0.2554	0.2870	0.2764	0.2606	0.2609	0.2476	0.2718	0.2582	0.2532	0.2319	0.2161	0.2047	0.2203	0.2112	0.2073
Tin:																
Imports (for consumption):																
Ore (tin content)..... metric tons.	232	1,961	72	162	149	0	156	93	186	194	289	88	277	173	51	
Metal, unwrought, unalloyed..... do....	45,873	27,940	1,089	2,742	3,145	2,966	2,055	2,450	2,742	1,697	2,409	2,233	2,100	3,434	1,867	
Recovery from scrap, total (tin cont.)..... do....	15,438	12,368	1,150	1,135	1,005	1,065	1,025	1,000	940	996	1,019	1,008	1,000			
As metal..... do....	1,587	1,637	95	120	150	140	140	155	145	121	164	192	130			
Consumption, total..... do....	54,373	53,450	3,300	3,750	5,100	5,000	5,100	4,900	4,700	4,700	4,600	4,500	4,400	4,400	4,400	
Primary..... do....	40,229	38,700	2,500	2,800	3,600	3,600	3,700	3,600	3,400	3,400	3,300	3,200	3,100	3,200	3,200	
Exports, incl. reexports (metal)..... do....	5,989	9,777	1,610	441	454	261	662	375	305	175	249	241	256	368	382	
Stocks, pig (industrial), end of period..... do....	5,988	3,152	3,490	3,829	5,222	4,953	4,653	3,888	2,910	2,940	2,770	3,437	3,152	4,609		
Price, Straits quality (delivered)..... \$ per lb.	7.3305	6.5392	7.4519	6.6917	6.5600	6.6284	6.0826	6.1255	6.2549	6.3904	6.2475	6.1347	6.1434	6.2443	6.5070	6.6772
Zinc:																
Mine prod., recoverable zinc..... thous. met. tons.	312.4	303.1	24.7	25.3	23.4	25.6	27.0	21.3	27.4	25.7	27.8	25.9	23.3	25.0		
Imports (general):																
Ores (zinc content)..... do....	117.7	49.3	6.1	6.3	2.4	4.0	4.9	0.7	2.8	3.9	9.1	2.3	3.6	3.7	2.1	
Metal (slab, blocks)..... do....	602.6	413.4	33.0	36.2	26.4	35.3	39.8	27.8	26.2	34.9	49.1	61.5	41.0	35.9	25.4	
Consumption (recoverable zinc content):																
Ores..... do....	60.6	53.1	4.2	4.7	6.8	6.2	3.9	3.1	2.6	3.6	4.0	4.7	4.7	4.7		
Scrap, all types..... do....	288.7	208.9	16.8	18.2	18.0	17.7	17.3	17.3	17.5	17.9	17.6	17.1	16.8	17.2		
Slab zinc: @																
Production, total †..... thous. met. tons.	393.0	254.3	21.6	21.4	19.3	21.5	21.5	18.7	20.4	61.4	24.8	18.7	18.1	18.2	20.7	22.7
Consumption, fabricators..... do....	834.2	697.4	55.3	60.0	57.8	58.8	65.8	56.3	60.7	61.4	60.8	53.7	50.8	61.6		
Exports..... do....	0.3	0.3	0.1	( <sup>2</sup> )	( <sup>2</sup> )	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0.1	1.4	( <sup>2</sup> )	
Stocks, end of period:																
Producers', at smelter (ABMS)..... do....	34.6	24.6	41.2	41.8	39.9	35.3	27.9	20.5	14.9	15.9	19.9	21.5	24.6	21.9	19.4	
Consumers'..... do....	44.7	62.0	67.0	65.7	60.0	60.8	57.7	62.0	57.7	56.1	56.0	62.2	62.0	69.7		
Price, Prime Western..... \$ per lb.	0.4455	0.3847	0.4272	0.3923	0.3550	0.3467	0.3460	0.3566	0.3779	0.3964	0.4083	0.4039	0.3846	0.3860	0.3806	0.3790
<b>MACHINERY AND EQUIPMENT</b>																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #..... mil. \$.	470.0	296.9	113.7				73.3				53.8			60.6		
Electric processing heating equipment..... do....	106.9	65.4	20.2				17.5				18.1			9.6		
Fuel-fired processing heating equip..... do....	225.4	128.2	61.0				26.9				14.4			25.9		
Material handling equipment (industrial):																
Orders (new), index, seas. adj. 1967=100.....	382.0	249.2	428.0	262.3	273.0	221.4	241.2	235.1	209.5	266.0	188.4	206.0	150.7			
Industrial trucks (electric), shipments:																
Hand (motorized)..... number.	18,734	15,166	1,398	1,665	1,216	1,228	1,558	787	1,207	1,160	1,220	1,299	1,178	968		
Rider-type..... do....	19,784	17,351	1,535	1,920	1,452	1,462	1,635	1,007	1,113	1,367	1,220	1,503	1,605	967		
Industrial trucks and tractors (internal combustion engines), shipments..... number.	31,885	26,197	2,575	2,985	2,228	2,182	2,675	1,333	1,788	1,941	1,783	1,982	1,924	1,121		
Industrial supplies, machinery and equipment:																
New orders index, seas. adjusted 1977=100.....	148.1	94.6	110.2	104.8	97.3	91.1	90.9	88.3	90.8	92.1	87.8	84.1	83.6	84.7	83.9	
Industrial suppliers distribution: †																
Sales index, seas. adjusted..... 1977=100.....	142.3	120.9	130.9	133.3	134.4	123.5	121.3	120.0	119.1	115.9	109.8	106.8	100.7	103.5	104.2	
Price index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.)..... 1977=100.....	144.3	153.1	151.6	152.6	152.9	153.7	153.8	154.0	153.8	154.0	153.7	153.5	153.7	153.9	154.6	
Fluid power products shipments indexes: *																
Hydraulic products, seas. adj. 1972=100.....	279	208	255	246	233	218	232	191	198	178	170	166	143	169	168	
Pneumatic products, seas. adj..... do....	249	202	245	225	215	194	194	195	186	191	172	184	174	182	186	
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total..... mil. \$.	2,228.10	1,064.45	123.15	105.75	115.10	68.00	91.65	70.40	60.45	52.60	72.85	62.75	85.80	57.55		
Domestic..... do....	1,945.80	889.60	113.30	90.20	107.55	53.75	55.15	57.55	49.25	47.20	59.10	47.45	84.20	51.95		
Shipments, total..... do....	4,104.50	2,894.75	293.15	332.75	239.45	246.60	324.80	203.55	212.50	224.40	150.60	155.70	204.30	108.25		
Domestic..... do....	3,552.45	2,598.60	273.75	303.05	214.60	224.15	296.55	173.75	184.30	192.65	132.30	134.80	184.20	94.45		
Order backlog, end of period..... do....	2,873.3	1,043.0	2,552.1	2,325.1	2,200.8	2,022.2	1,789.2	1,656.0	1,504.0	1,332.2	1,254.4	1,161.5	1,043.0	992.3		
Metal forming type tools:																
Orders, new (net), total..... do....	716.75	433.30	40.65	32.05	37.70	37.95	34.25	36.15	26.05	34.30	46.35	25.45	35.15	34.00		
Domestic..... do....	616.85	371.75	35.90	26.75	29.95	27.40	29.25	30.40	22.70	30.20	42.55	21.90	33.50	28.15		
Shipments, total..... do....	991.10	709.65	66.45	78.30	60.00	49.25	84.55	46.80	44.70	51.45	50.10	37.80	59.85	44.80		
Domestic..... do....	824.20	599.75	57.50	73.15	56.30	44.90	75.35	40.65	38.90	45.95	42.25	33.70	41.50	37.60		
Order backlog, end of period..... do....	427.0	150.6	374.0	327.8	299.4	288.2	237.8	227.2	208.6	191.4	187.6	175.3	150.6	139.8		

See footnotes at end of tables.

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

**METALS AND MANUFACTURES—Continued**

<b>MACHINERY AND EQUIPMENT—Continued</b>																
Tractors used in construction, shipments, qtrly:																
Tracklaying, total	units.	15,789	8,278	2,390				2,589							1,193	
	mil. \$.	1,569.9	895.1	264.4				272.7							102.9	
Wheel (contractors' off-highway)	units.	4,309	2,443	547				685							497	
	mil. \$.	410.9	222.2	58.2				60.6							36.3	
Tractor shovel loaders (integral units only), wheel and tracklaying types	units.	33,369	24,128	*6,236				7,432							5,057	
	mil. \$.	1,605.5	1,022.3	*301.5				299.0							173.2	
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly	units.	141,170	*93,775	28,067				25,754							21,111	
	mil. \$.	3,479.3	2,748.7	754.2				737.7							673.5	
<b>ELECTRICAL EQUIPMENT</b>																
Batteries (auto.-type replacement), ship.....thous.		53,598	54,214	4,269	3,839	3,611	3,584	3,640	3,629	4,750	5,819	5,660	5,237	5,280	3,708	3,070
Radio sets, production, total market.....thous.		31,476	31,782	1,671	*1,816	1,609	2,460	*3,179	2,284	4,052	*3,624	3,490	3,221	*2,364	2,159	
Television sets (incl. combination models), production, total market.....thous.		18,480	16,405	1,344	*1,499	1,375	1,292	*1,710	1,177	1,420	*1,619	1,106	1,161	*1,229	1,151	1,298
Household major appliances (electrical), factory shipments (domestic and export) #.....thous.		30,482	26,683	*2,245	*2,637	2,452	2,232	2,341	2,196	2,257	2,097	2,350	2,117	1,892	2,179	2,158
Air conditioners (room).....do.....		3,692	2,761	361	572	517	419	289	145	61	17	31	71	84	89	130
Dishwashers.....do.....		2,484	2,170	160	*152	201	169	160	187	203	167	218	206	178	213	197
Disposers (food waste).....do.....		3,179	2,781	215	*263	175	200	207	199	219	241	339	260	238	264	294
Ranges.....do.....		2,328	2,035	143	*163	169	150	293	166	170	168	202	195	175	190	183
Refrigerators.....do.....		4,944	4,364	324	*344	379	359	437	456	432	381	401	310	262	363	336
Freezers.....do.....		1,605	1,340	99	117	107	112	161	151	156	109	80	80	73	103	97
Washers.....do.....		4,365	4,019	347	383	345	322	352	323	364	360	347	319	252	364	353
Dryers (incl. gas).....do.....		2,977	2,728	234	253	214	195	214	196	244	245	261	251	193	260	251
Vacuum cleaners (qtrly).....do.....		7,785	7,536	1,911				1,677			2,136			1,812		
<b>GAS EQUIPMENT (RESIDENTIAL)</b>																
Furnaces, gravity and forced-air, shipments.....thous.		1,417	1,156	69	77	70	69	85	78	96	126	140	127	138	*129	*121
Ranges, total, sales.....do.....		1,496	1,365	107	135	110	113	123	96	99	133	113	114	126	*108	*112
Water heaters (storage), automatic, sales @.....do.....		2,785	3,042	268	305	295	246	248	230	225	232	260	236	257	275	257

**PETROLEUM, COAL, AND PRODUCTS**

<b>COAL</b>																
Anthracite:																
Production.....thous. sh. tons.		5,423	4,225	381	459	274	329	319	313	370	340	387	347	353		
Exports.....do.....		2,249	980	44	84	79	41	45	106	86	77	121	107	43	5	2
Price, wholesale *.....Index, 1967=100.		582.2		643.7	645.5	648.1	639.0	637.5	637.5	637.4	637.4	637.4	638.0	638.0	636.0	635.9
Bituminous:																
Production †.....thous. sh. tons.		818,352	819,775	69,621	82,209	72,432	69,933	70,508	59,145	71,368	66,480	68,836	63,365	60,158		
Consumption, total.....do.....		728,543		59,461	57,965	53,017	54,585	55,730	63,629	63,192	56,506					
Electric power utilities.....do.....		595,575		48,795	47,811	43,403	45,523	47,330	55,206	54,660	48,332	46,248	47,699			
Industrial, total.....do.....		127,527		10,149	9,761	9,041	8,713	8,121	7,933	8,002	7,665					
Coke plants (oven and beehive).....do.....		60,888		4,334	4,165	3,704	3,616	3,476	3,118	3,056	2,922					
Residential and commercial.....do.....		5,440		517	393	573	349	279	490	530	509					
Stocks, end of period, total.....do.....		179,607		167,676	173,574	180,807	187,248	192,664	184,237	184,429	183,872					
Electric power utilities.....do.....		163,356		152,735	159,030	165,848	171,892	176,911	168,844	169,403	169,216	173,879	175,811			
Industrial, total.....do.....		16,251		14,941	14,544	14,959	15,356	15,753	15,393	15,026	14,656					
Oven-coke plants.....do.....		6,446		5,887	5,594	5,914	6,216	6,518	6,153	5,788	5,422					
Exports.....do.....		110,243		8,918	10,335	10,742	10,057	10,626	9,071	7,293	8,603	9,850	7,700	6,020	4,465	4,376
Price, wholesale.....Index, 1967=100.		493.7		525.3	525.0	527.9	529.6	529.3	533.9	534.9	534.4	533.9	*535.5	536.2	528.1	530.4
<b>COKE</b>																
Production:																
Beehive and oven (byproduct).....thous. sh. tons.		42,786		8,828				7,507			6,270					
Petroleum coke §.....do.....		28,296	29,872	2,207	2,551	2,428	2,533	2,397	2,672	2,564	2,433	2,452	2,543	2,670	2,528	
Stocks, end of period:																
Oven-coke plants, total.....do.....		6,724		7,455				7,871			7,969					
At furnace plants.....do.....		6,320		7,015				7,489			7,639					
At merchant plants.....do.....		403		440				382			330					
Petroleum coke ‡.....do.....		900	1,344	894	939	959	963	1,091	1,171	1,088	1,244	1,168	1,339	1,344	1,407	
Exports.....do.....		1,251	1,109	105	97	37	154	175	129	61	141	62	66	34	66	51
<b>PETROLEUM AND PRODUCTS</b>																
Crude petroleum:																
Oil wells completed.....number..		37,684	40,329	3,036	3,750	3,683	3,459	3,899	3,286	2,848	3,360	2,838	3,282	4,090	2,381	2,899
Price, wholesale.....Index, 1967=100.		803.5		770.3	744.8	717.9	717.8	718.2	718.4	718.4	718.3	735.3	*733.6	720.4	720.1	693.3
Gross input to crude oil distillation units.....mil. bbl.		4,656.5	4,447.0	325.4	361.7	353.0	378.9	388.4	399.8	380.3	376.3	376.7	364.7	368.9	354.1	
Refinery operating ratio.....% of capacity.		69	70	65	65	66	68	74	75	72	74	71	71	70	68	
All oils, supply, demand, and stocks: ‡																
New supply, total ¶.....mil. bbl.		5,905.7	5,591.6	418.6	454.9	437.5	465.2	464.1	495.7	479.2	470.0	480.9	483.1	462.2	456.6	
Production:																
Crude petroleum.....do.....		3,124.6	3,165.0	243.3	266.5	259.6	268.5	260.4	268.1	269.7	262.0	269.0	260.7	268.5	267.7	
Natural gas plant liquids.....do.....		597.9	586.4	44.0	50.1	49.3	48.4	46.8	49.0	49.6	47.2	49.8	50.6	52.3	53.4	
Imports:																
Crude and unfinished oils.....do.....		1,642.8	1,327.1	86.9	92.7	88.0	107.3	117.6	136.9	123.7	114.3	119.0	122.6	99.4	97.4	
Refined products.....do.....		540.4	513.1	44.4	45.6	40.6	41.0	39.2	41.8	36.1	46.5	43.1	49.2	42.0	38.2	
Change in stocks, all oils (decrease,—).....do.....		68.3	-59.6	-29.5	-30.5	-51.0	-0.5	12.9	31.6	13.5	7.1	19.2	21.4	-26.2	23.9	
Demand, total.....do.....		6,057.2	5,865.2	468.9	509.7	505.0	485.1	469.0	480.9	486.6	471.3	488.3	474.5	507.4	487.9	
Exports:																
Crude petroleum.....do.....		83.2	86.3	8.5	10.0	5.2	8.1	2.8	7.1	9.4	5.5	8.4	7.9	6.0	3.6	
Refined products.....do.....		133.9	211.2	14.0	17.4	18.3	16.8	18.3	15.9	17.2	18.2	20.5	15.7	20.7	26.5	

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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 <sup>†</sup> —Continued																	
Domestic product demand, total #	5,840.2	5,567.6	446.4	482.3	481.4	460.2	447.9	457.9	460.0	447.6	459.4	450.9	480.8	457.7			
Gasoline	2,414.9	2,395.6	170.5	205.8	207.5	207.0	205.4	211.7	207.4	196.2	198.9	197.2	203.6	185.8			
Kerosene	46.2	46.8	5.0	3.6	3.4	3.2	2.5	3.0	2.4	3.2	4.1	4.2	5.8	5.6			
Distillate fuel oil	1,032.8	975.5	89.2	89.3	89.9	75.8	73.5	64.6	69.1	75.4	80.2	74.2	88.5	85.6			
Residual fuel oil	752.5	618.4	63.3	59.3	56.0	48.1	45.1	45.4	47.7	44.2	45.4	47.9	49.7	48.8			
Jet fuel	368.6	367.7	29.7	30.3	30.0	31.2	29.6	30.6	30.2	31.0	29.8	31.4	32.6	29.3			
Lubricants	56.0	50.9	4.2	4.2	4.6	4.1	4.5	4.3	4.2	4.5	4.1	4.8	3.5	3.3			
Asphalt	124.8	124.5	4.3	5.2	7.1	10.5	14.3	16.7	18.2	15.4	15.2	8.9	5.6	*3.7			
Liquefied gases	542.2	563.5	47.6	47.4	45.8	44.4	38.6	46.1	42.1	45.8	45.9	49.0	52.8	64.7			
Stocks, end of period, total	1,488.5	1,428.9	1,431.4	1,400.9	1,349.9	1,349.4	1,362.3	1,393.9	1,407.4	1,414.5	1,433.7	1,455.2	1,428.9	1,452.8			
Crude petroleum	598.8	641.6	612.2	614.2	611.0	609.5	606.9	611.7	625.4	617.8	635.3	646.0	641.6	661.5			
Strategic petroleum reserve	230.3	293.8	241.2	248.5	255.5	261.0	264.1	267.2	273.6	277.9	284.6	290.0	293.8	300.6			
Unfinished oils, natural gasoline, etc.	176.8	158.0	184.0	183.5	178.4	174.5	174.1	176.4	171.9	173.9	167.6	165.3	158.0	165.6			
Refined products	712.9	629.3	635.2	603.1	560.4	565.4	581.2	605.8	610.1	622.8	630.9	643.9	629.3	625.7			
Refined petroleum products: <sup>‡</sup>																	
Gasoline (incl. aviation):																	
Production	2,350.8	2,325.4	166.3	186.8	183.7	196.8	203.9	211.3	201.0	196.6	194.6	188.9	203.1	187.3			
Stocks, end of period	205.8	196.7	216.1	201.5	182.0	176.2	180.2	185.3	187.2	193.5	194.3	191.9	196.7	210.9			
Prices (excl. aviation):																	
Wholesale, regular	666.0		642.3	621.1	578.6	555.7	582.7	628.8	636.3	628.4	617.2	*608.7	600.7	578.8	553.5	536.3	
Retail, regular grade (Lundberg/Platt's): <sup>§</sup>																	
Leaded	( <sup>1</sup> )																
Unleaded *	( <sup>1</sup> )																
Aviation gasoline:																	
Production	11.5	8.9	0.6	0.7	0.5	0.9	0.9	0.9	1.1	0.7	0.8	0.7	0.4	0.7			
Stocks, end of period	2.7	2.3	2.7	2.6	2.4	2.5	2.4	2.4	2.4	2.2	2.2	2.5	2.3	2.6			
Kerosene:																	
Production	43.6	42.0	4.3	3.3	3.6	2.4	2.7	2.7	2.6	3.4	4.0	4.3	4.4	4.1			
Stocks, end of period	11.1	10.4	9.1	8.8	9.6	8.9	9.2	9.1	9.5	9.8	10.2	11.3	10.4	9.4			
Price, wholesale (light distillate)	1,039.8		1,034.3	1,027.9	1,009.1	975.9	974.2	984.4	983.0	976.3	969.7	*985.9	991.1	974.1	958.0	938.2	
Distillate fuel oil:																	
Production	954.9	953.4	68.5	71.1	70.7	81.2	81.9	84.8	78.3	79.7	88.0	85.9	82.3	71.7			
Imports	61.0	33.8	3.6	1.5	1.8	2.3	3.0	3.8	2.4	1.8	3.0	4.2	3.4	1.8			
Stocks, end of period	190.2	178.6	146.7	127.7	108.8	114.5	124.6	148.2	158.9	161.2	170.2	185.6	178.6	168.2			
Price, wholesale (middle distillate)	1,058.1		1,058.2	1,029.3	953.6	928.7	974.6	1,024.0	1,022.2	998.8	999.2	*1,041.5	1,053.6	984.4	926.5	871.8	
Residual fuel oil:																	
Production	480.3	388.6	31.8	34.7	34.9	34.9	32.3	31.9	31.2	30.2	29.6	29.7	30.7	29.0			
Imports	290.6	276.7	26.0	28.2	22.9	22.9	19.3	17.8	16.1	26.1	23.5	25.3	23.2	21.4			
Stocks, end of period	78.3	66.2	58.1	57.3	53.6	59.1	60.5	59.0	52.8	61.8	63.6	66.4	66.2	60.7			
Price, wholesale	1,239.0		1,177.6	1,163.0	1,182.7	1,191.6	1,229.5	1,237.1	1,250.0	1,120.7	1,129.0	*1,139.3	1,121.0	1,126.7	1,104.5	1,053.0	
Jet fuel:																	
Production	353.5	356.5	28.0	34.7	30.3	27.9	27.9	29.9	30.4	29.3	30.4	30.5	29.4	31.2			
Stocks, end of period	40.5	36.8	37.0	42.5	44.1	41.8	40.1	39.8	40.8	39.7	40.9	40.5	36.8	41.7			
Lubricants:																	
Production	60.6	51.6	4.1	4.3	4.5	4.6	4.6	4.6	4.4	3.9	4.4	4.4	3.6	4.2			
Stocks, end of period	14.2	12.5	14.3	13.7	13.4	13.5	13.4	13.5	13.4	12.7	12.6	12.6	12.5	14.0			
Asphalt:																	
Production	124.2	119.6	5.4	7.0	8.0	10.5	12.4	13.1	13.3	12.4	13.6	9.7	7.5	*6.4			
Stocks, end of period	19.5	15.9	24.3	26.1	27.1	27.1	25.6	22.1	17.4	14.6	13.1	14.1	15.9	*19.9			
Liquefied gases (incl. ethane and ethylene):																	
Production, total	583.4	572.9	41.3	47.2	47.0	49.1	47.1	48.2	49.3	48.2	49.0	48.1	50.4	51.5			
At gas processing plants (L.P.G.)	467.9	473.9	34.8	39.2	39.1	40.4	38.3	38.9	40.5	38.9	41.0	40.3	42.0	43.0			
At refineries (L.R.G.)	115.6	99.0	6.6	8.0	7.8	8.7	8.8	9.3	8.9	9.3	8.0	7.8	8.4	8.5			
Stocks (at plants and refineries)	137.0	95.1	113.5	109.0	105.8	107.7	110.9	111.1	112.5	111.5	108.6	103.5	95.1	83.6			

**PULP, PAPER, AND PAPER PRODUCTS**

<b>PULPWOOD AND WASTE PAPER</b>																
Pulpwood:																
Receipts	379,547	( <sup>2</sup> )														
Consumption	379,604	( <sup>2</sup> )														
Stocks, end of period	6,045	( <sup>2</sup> )														
Waste paper:																
Consumption	13,523	( <sup>2</sup> )														
Stocks, end of period	993	( <sup>2</sup> )														
<b>WOODPULP</b>																
Production:																
Total, all grades #	351,783	( <sup>2</sup> )														
Dissolving and special alpha	1,366	( <sup>2</sup> )														
Sulfate	39,597	( <sup>2</sup> )														
Sulfite	1,812	( <sup>2</sup> )														
Groundwood	5,038	( <sup>2</sup> )														
Semichemical	3,940	( <sup>2</sup> )														
Stocks, end of period:																
Total, all mills	1,198	( <sup>2</sup> )														
Pulp mills	690	( <sup>2</sup> )														
Paper and board mills	454	( <sup>2</sup> )														
Nonpaper mills	54	( <sup>2</sup> )														
Exports, all grades, total	3,678	3,395	303	319	316	326	302	261	279	298	237	247	285	234	271	
Dissolving and special alpha	784	631	42	62	52	69	55	32	60	52	50	55	51	59	30	
All other	2,894	2,763	261	257	264	257	247	229	219	246	186	192	234	174	240	
Imports, all grades, total	4,086	3,894	310	296	306	302	287	289	350	541	303	375	264	309	265	
Dissolving and special alpha	201	162	9	10	22	8	12	6	17	8	18	18	8	23	9	
All other	3,885	3,732	301	286	284	294	275	283	333	533	285	357	256	286	257	

See footnotes at end of tables.

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**PULP, PAPER, AND PAPER PRODUCTS—Continued**

PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted..... thous. sh. tons.	66,439	( <sup>b</sup> )														
Paper..... do.	30,669	( <sup>b</sup> )														
Paperboard..... do.	31,561	( <sup>b</sup> )														
Wet-machine board..... do.	160	( <sup>b</sup> )														
Construction paper and board..... do.	3,846	( <sup>b</sup> )														
Producer price indexes: 1967=100.																
Paperboard..... do.	258.1	254.9	261.4	261.1	261.2	258.8	255.9	255.0	255.4	250.7	248.0	247.6	244.5	243.6	244.0	246.6
Building paper and board..... do.	231.7	239.4	231.4	239.6	236.3	240.2	240.0	239.8	244.4	243.4	241.5	*241.0	241.4	240.5	240.8	243.3
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new..... thous. sh. tons.	'1,449	'1,457	112	123	140	116	113	138	113	125	131	121	'108	'123	110	
Orders, unfilled, end of period..... do.	100	91	95	98	104	102	99	117	100	104	99	93	91	96	101	
Shipments..... do.	'1,463	'1,446	108	126	123	115	118	121	124	121	139	126	112	'116	109	
Coated paper:																
Orders, new..... do.	'4,853	'4,997	411	407	408	381	432	399	443	407	446	*415	*412	*444	401	
Orders, unfilled, end of period..... do.	360	325	361	332	336	307	306	312	307	285	282	*308	*325	318	307	
Shipments..... do.	4,940	5,031	389	437	409	408	431	400	443	433	447	433	398	*442	413	
Uncoated free sheet papers:																
Orders, new..... do.	'7,735	'7,836	612	713	641	621	645	610	674	640	684	*656	*642	*704	659	
Shipments..... do.	'8,234	'8,187	658	745	689	669	670	628	705	684	716	695	649	*736	655	
Unbleached kraft packaging and industrial converting papers:																
Shipments..... thous. sh. tons.	'3,873	'3,657	324	343	288	272	291	271	326	296	315	327	274	*330	307	
Tissue paper, production..... do.	'4,518	'4,438	365	406	356	365	358	339	383	359	387	383	374	390	390	
Newsprint:																
Canada:																
Production..... thous. metric tons.	8,946	8,117	717	760	694	743	652	617	642	557	698	657	599	685	653	
Shipments from mills..... do.	8,915	8,074	696	742	705	718	610	614	598	601	684	691	744	604	605	
Stocks at mills, end of period..... do.	194	250	325	343	332	357	399	402	446	403	417	395	250	331	380	
United States:																
Production..... do.	4,753	4,574	378	420	396	385	383	363	372	353	406	373	330	403	378	
Shipments from mills..... do.	4,735	4,525	376	413	374	376	381	351	363	353	398	389	346	370	350	
Stocks at mills, end of period..... do.	38	86	48	55	76	86	89	101	110	110	118	102	86	119	147	
Consumption by publishers †..... do.	10,165	*10,115	*774	*867	*862	879	*803	*769	*806	*836	*928	*893	*908	*809	761	
Stocks at and in transit to publishers, end of period..... thous. metric tons.	961	854	1,038	1,068	1,045	1,012	1,003	992	952	898	861	832	854	*801	827	
Imports..... thous. sh. tons.	6,977	6,531	524	608	503	620	570	460	520	489	587	567	498	545	433	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered..... Index, 1967=100.	*308.0	*316.2	318.1	318.1	321.1	322.4	319.4	318.4	318.4	318.4	318.4	*299.8	300.7	300.7	299.1	299.1
Paper products:																
Shipping containers, corrugated and solid fiber shipments..... mil. sq. ft. surf. area.	246,152	234,846	*18,706	21,218	19,941	18,720	20,071	18,610	20,414	20,657	21,064	19,043	17,540	19,980	18,715	
Folding paper boxes, shipments..... thous. sh. tons.																

**RUBBER AND RUBBER PRODUCTS**

RUBBER																
Natural rubber:																
Consumption..... thous. metric tons.	634.67	617.00	51.64	53.56	54.40	48.69	53.73	48.16	48.06	58.08	53.61	51.79	45.17			
Stocks, end of period..... do.	142.43	123.25	138.02	134.39	67.00	126.26	121.88	62.06	115.27	105.71	110.56	113.65	123.25			
Imports, incl. latex and guayule..... thous. lg. tons.	662.41	618.27	59.33	45.71	53.86	56.19	63.39	38.67	54.35	40.60	54.36	51.37	49.45	33.01	49.63	
Price, wholesale, smoked sheets (N.Y.)..... \$ per lb.	*0.576	0.453	0.465	0.470	0.453	0.453	0.461	0.465	0.468	0.445	0.426	0.421	0.418	0.440	0.485	0.578
Synthetic rubber:																
Production..... thous. metric tons.	2,021.45	1,632.20	145.76	170.32	154.86	155.44	139.71	117.46	124.91	127.19	135.18	108.11	103.79			
Consumption..... do.	1,889.71	1,624.80	138.94	149.88	134.63	133.07	132.19	106.50	135.22	151.80	118.42	129.75	141.45			
Stocks, end of period..... do.	349.02	267.42	340.43	356.30	376.91	375.59	374.70	357.91	345.48	310.25	327.59	305.98	267.42			
Exports (Bu. of Census)..... thous. lg. tons.	334.63	284.62	23.46	31.18	26.53	24.73	25.23	20.40	22.04	22.83	21.13	20.47	18.86	20.24	18.61	
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production..... thous.	'181,762	'178,500	15,387	17,051	15,077	14,856	15,669	12,293	14,835	15,528	15,381	13,585	13,972			
Shipments, total..... do.	201,105	201,236	13,704	17,312	17,676	18,216	19,428	16,421	17,700	18,938	17,851	15,325	14,521			
Original equipment..... do.	41,711	38,633	2,769	3,697	3,679	3,970	4,074	3,038	2,817	3,022	2,919	2,652	3,518			
Replacement equipment..... do.	153,716	158,688	10,573	13,216	13,652	13,989	15,018	13,199	14,625	15,583	14,605	12,337	10,606			
Exports..... do.	5,678	3,915	362	399	345	257	336	264	258	333	327	336	397			
Stocks, end of period..... do.	40,863	39,955	46,254	47,817	46,583	45,337	43,475	40,763	40,192	38,685	38,116	38,436	39,955			
Exports (Bu. of Census)..... do.	11,088	5,971	461	614	454	463	653	381	454	385	489	377	474	308	352	
Inner tubes, automotive:																
Exports (Bu. of Census)..... do.	3,428	1,924	151	254	174	102	178	195	162	201	192	162	113	174	72	

See footnotes at end of tables.

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

## STONE, CLAY, AND GLASS PRODUCTS

STONE, CLAY, AND GLASS PRODUCTS																
<b>PORTLAND CEMENT</b>																
Shipments, finished cement .....	thous. bbl.	1382,692	1343,463	17,755	25,729	28,213	30,984	35,388	34,527	35,957	35,351	34,106	27,431	22,718	18,931	17,660
<b>CLAY CONSTRUCTION PRODUCTS</b>																
Shipments:																
Brick, unglazed (common and face)																
..... mil. standard brick..	5,059.2	*4,408.6	213.7	345.1	370.9	398.4	439.2	426.2	425.5	444.6	435.8	397.5	*335.1	310.2	.....	.....
..... thous. sh. tons.	71.6	40.9	2.7	3.5	2.6	3.7	4.8	3.8	3.5	4.3	3.6	2.4	2.9	2.4	.....	
Sewer pipe and fittings, vitrified .....	433.4	325.0	13.4	23.3	25.9	29.0	31.0	31.6	34.8	37.5	36.6	28.5	18.6	21.9	.....	
Facing tile (hollow), glazed and unglazed																
..... mil. brick equivalent..	39.3	*11.3	1.6	2.5	3.0	2.4	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	.....	
Floor and wall tile and accessories, glazed and unglazed .....	299.8	*294.9	20.7	27.0	25.7	23.4	26.1	23.4	26.6	26.6	25.9	24.9	*23.9	23.3	.....	
..... mi. sq. ft.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Price index, brick (common), f.o.b. plant or N.Y. dock .....	1967=100	300.2	.....	304.2	304.2	308.4	309.5	310.0	310.9	319.0	319.2	319.2	*320.7	322.1	322.3	335.3
<b>GLASS AND GLASS PRODUCTS</b>																
Flat glass, mfrs.' shipments .....	thous. \$.	952,283	871,331	.....	194,972	.....	219,074	.....	.....	220,472	.....	.....	236,813	.....	.....	
Glass containers:																
Production .....																
..... thous. gross.	321,373	309,376	26,095	29,204	26,673	27,293	27,934	25,982	28,009	24,714	27,716	23,364	17,950	23,425	.....	
Shipments, domestic, total † .....																
..... do.	319,022	*307,231	23,307	27,448	26,259	26,774	28,991	25,165	28,184	26,515	25,956	22,888	21,013	23,062	.....	
Narrow-neck containers:																
Food .....																
..... do.	28,728	31,160	2,208	2,579	2,488	2,520	2,834	2,598	3,489	3,365	2,483	2,086	1,993	2,254	.....	
Beverage .....	60,248	61,020	4,103	5,299	5,156	5,699	6,326	5,732	6,029	5,193	4,888	4,482	4,417	4,366	.....	
Beer .....	115,680	104,483	8,462	9,503	9,509	9,695	10,254	8,661	9,111	8,261	8,122	7,599	6,747	7,416	.....	
Liquor and wine .....	24,003	22,266	1,541	1,947	1,865	1,852	1,943	1,607	1,777	1,849	2,165	1,937	1,686	1,849	.....	
Wide-mouth containers:																
Food and dairy products .....																
..... thous. gross.	62,404	63,372	4,906	5,764	4,989	4,978	5,417	4,832	5,752	5,840	5,891	4,965	4,547	4,971	.....	
Narrow-neck and wide-mouth containers:																
Medical and toilet .....																
..... do.	25,119	22,315	1,875	2,095	1,982	1,848	2,019	1,542	1,767	1,790	2,177	1,647	1,457	2,013	.....	
Chemical, household and industrial .....	2,840	2,615	212	261	270	182	198	193	259	217	230	172	166	193	.....	
Stocks, end of period .....	do.	46,683	45,634	49,124	50,405	51,009	51,433	49,982	50,532	50,244	52,988	49,467	48,718	45,634	46,176	
<b>GYPSUM AND PRODUCTS @</b>																
Production:																
Crude gypsum (exc. byproduct) .....																
..... thous. sh. tons.	11,497	10,863	844	820	886	855	949	912	1,009	966	1,044	898	895	925	.....	
Calcined .....	11,687	10,967	688	919	971	809	965	923	945	971	1,036	945	923	986	.....	
Imports, crude gypsum .....	do.	7,593	6,718	397	405	218	531	772	469	728	733	724	625	742	401	
Sales of gypsum products:																
Uncalcined .....																
..... do.	4,904	*4,528	294	277	327	401	421	384	394	445	411	342	488	283	.....	
Calcined:																
Industrial plasters .....																
..... do.	370	*430	26	30	40	39	38	34	37	37	40	34	31	31	.....	
Building plasters:																
Regular basecoat .....																
..... do.	225	(*)	17	21	16	14	16	16	15	(*)	(*)	(*)	(*)	(*)	.....	
All other (incl. Keene's cement) .....	157	*264	9	13	7	6	8	7	8	*23	*21	*21	*20	*21	.....	
Board products, total .....																
..... mil. sq. ft.	13,759	13,093	876	1,087	1,100	971	1,120	1,098	1,169	1,140	1,216	1,134	1,218	1,132	.....	
Lath .....	59	39	3	4	3	3	4	3	4	3	3	3	3	3	.....	
Veneer base .....	325	286	18	25	24	20	26	22	26	23	25	25	28	23	.....	
Gypsum sheathing .....	208	264	15	18	20	20	25	24	23	25	27	28	27	26	.....	
Regular gypsum board .....	do.	9,295	8,447	564	704	716	618	716	702	749	733	774	741	801	718	
Type X gypsum board .....	do.	3,446	3,486	236	286	286	262	299	298	315	303	330	293	319	301	
Predecorated wallboard .....	do.	122	119	9	11	10	9	11	10	11	10	10	9	9	.....	
5/16 mobile home board .....	do.	*304	453	31	39	41	38	40	38	42	42	47	35	52	.....	

## TEXTILE PRODUCTS

TEXTILE PRODUCTS																
<b>FABRIC</b>																
Woven fabric, finishing plants: *																
Production (finished fabric) .....																
..... mil. linear yd.	7,514	6,656	550	*695	540	531	*663	366	525	*661	534	526	*570	501	.....	
Cotton .....	2,652	2,465	196	*255	194	196	*259	133	200	*259	201	193	*207	201	.....	
Manmade fiber and silk fabrics .....	4,962	4,192	354	*440	346	335	*403	233	325	*402	334	334	*363	300	.....	
Inventories held at end of period .....																
..... do.	686	637	742	729	722	692	660	662	673	652	668	664	637	620	.....	
Cotton .....	273	257	312	314	306	293	282	285	267	278	271	271	257	254	.....	
Manmade fiber and silk fabrics .....	413	380	430	414	416	400	378	380	389	385	390	393	380	364	.....	
Backlog of finishing orders .....																
..... do.	.....	.....	575	585	592	554	529	485	439	456	450	420	430	470	.....	
Cotton .....	.....	.....	255	269	264	254	194	182	178	185	195	186	222	225	.....	
Manmade fiber and silk fabrics .....	.....	.....	320	317	328	300	334	302	261	271	255	234	208	245	.....	
<b>COTTON</b>																
Cotton (excluding linters):																
Production:																
Ginnings † .....																
..... thous. running bales.	*15,150	*15,528	.....	.....	.....	.....	.....	40	453	1,531	5,290	8,826	10,580	.....		
Crop estimate .....	thous. net weight bales \$.	*15,646	12,019	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,019	.....		
Consumption .....	thous. running bales.	5,409	4,938	398	*493	410	392	*460	317	386	*474	416	390	*425	404	431
Stocks in the United States, total, end of period # .....																
..... thous. running bales.	13,777	14,232	11,424	10,060	8,976	8,117	7,170	6,399	16,362	16,439	15,731	15,033	14,232	13,449	13,231	12,435
Domestic cotton, total .....	do.	13,776	14,227	11,422	10,058	8,974	8,116	7,169	6,397	16,359	16,436	15,728	15,031	14,229	13,446	12,432
On farms and in transit .....	do.	3,752	2,433	1,810	1,221	953	924	728	300	10,617	10,475	7,545	4,209	2,433	1,597	1,432
Public storage and compresses .....	do.	9,268	11,101	8,729	7,921	7,112	6,292	5,542	5,269	4,998	5,293	7,575	10,190	11,101	11,080	11,080
Consuming establishments .....	do.	756	695	883	916	909	900	899	828	744	668	608	632	695	769	769

See footnotes at end of tables.

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TEXTILE PRODUCTS—Continued

COTTON AND MANUFACTURES—Cont.															
Cotton (excluding linters)—Continued															
Exports.....thous. running bales..	8,021	6,079	754	873	676	484	498	396	342	351	293	382	377	438	368
Imports.....thous. net-weight bales \$.	17	39		(*)	4	13	4	1	2	10	1	3	(*)	1	(*)
Price (farm), American upland 1/2.....cents per lb.	54.5		49.1	50.4	54.3	55.8	58.1	59.9	52.8	55.5	59.8	59.9	57.3	56.0	*56.4
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets.....cents per lb.	*83.0	60.5	57.3	59.7	62.0	62.4	61.1	65.0	60.4	59.0	58.6	58.2	59.6	60.2	61.7
Spindle activity (cotton system spindles):															
Active spindles, last working day, total.....mil.	15.4	14.2	15.3	15.3	15.2	15.3	14.9	14.7	14.6	14.5	14.4	14.3	14.2	14.4	
Consuming 100 percent cotton.....do.	5.5	5.3	5.5	5.5	5.5	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.3	5.3	5.3
Spindle hours operated, all fibers, total.....bil.	91.8	61.7	6.8	*8.3	6.7	6.6	*7.8	5.4	6.3	*7.7	6.6	6.2	6.7	6.4	
Average per working day.....do.	0.357	0.320	0.339	0.414	0.337	0.327	0.310	0.268	0.314	0.307	0.328	0.309	0.270	0.318	
Consuming 100 percent cotton.....do.	33.6	30.2	2.4	*3.0	2.5	2.5	*2.9	2.0	2.4	*2.8	2.5	2.3	2.6	2.3	2.5
Cotton cloth:															
Cotton broadwoven goods over 12" in width:															
Production (qtrly.).....mil. sq. yd.	3,913	3,645		983			*964			874			825		
Orders, unfilled, end of period, compared with avg. weekly production.....no. weeks' prod.	14.1	11.1	12.5	12.7	11.5	9.6	8.8	12.7	10.7	9.2	8.6	9.4	11.8		
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.	5.6	7.1	7.0	7.3	7.1	6.3	7.2	11.2	8.7	5.9	5.8	5.7	6.1		
Ratio of stocks to unfilled orders (at cotton mills), end of period.....do.	0.40	0.65	0.56	0.58	0.62	0.65	0.82	0.88	0.81	0.63	0.68	0.61	0.52		
Exports, raw cotton equiv. thous. net-weight \$.....480 lb. bales.	345.6	239.2	18.6	20.4	20.6	24.3	24.8	22.7	15.7	18.4	20.7	18.4	16.4		
Imports, raw cotton equivalent.....do.	766.3	601.3	55.1	47.4	45.4	54.1	47.8	41.4	48.7	49.3	44.4	53.6	47.6		
MANMADE FIBERS AND MANUFACTURES															
Fiber production, qtrly:															
Acetate filament yarn.....mil. lb.	257.0			52.9											
Rayon staple, including tow.....do.	460.6			95.4											
Noncellulosic, except textile glass:															
Yarn and monofilaments.....do.	3,792.8			785.4											
Staple, incl. tow.....do.	4,191.1			864.6											
Textile glass fiber.....do.	1,041.1			206.9											
Fiber stocks, producers', end of period:															
Acetate filament yarn.....mil. lb.	14.3			13.5											
Rayon staple, including tow.....do.	31.1			38.2											
Noncellulosic fiber, except textile glass:															
Yarn and monofilaments.....do.	337.0			330.7											
Staple, incl. tow.....do.	329.8			340.3											
Textile glass fiber.....do.	146.2			151.8											
Manmade fiber and silk broadwoven fabrics:															
Production (qtrly.), total #.....mil. sq. yd.	11,228.7	9,091.6		2,352.3			*2,281.0			2,171.3			2,287.0		
Filament yarn (100%) fabrics #.....do.	3,850.9	3,305.5		769.0			*829.9			805.9			900.7		
Chiefly rayon and/or acetate fabrics.....do.		379.2		95.5			105.8			89.6			88.3		
Chiefly nylon fabrics.....do.		427.5		110.3			*105.5			100.2			111.5		
Spun yarn (100%) fabrics, exc. blanketing #.....do.	6,431.4	4,736.3		1,326.3			*1,194.7			1,094.5			1,120.8		
Rayon and/or acetate fabrics, blends.....do.	584.1	118.5		30.5			*28.6			26.9			32.5		
Polyester blends with cotton.....do.	4,517.0	3,547.0		1,009.3			*905.0			817.8			814.9		
Acetate filament and spun yarn fabrics.....do.	1,002.2	919.3		225.3			*221.8			239.2			233.0		
Manmade fiber gray goods, owned by weaving mills:															
Ratio, stocks to unfilled orders, end of period															
Prices, manufacturer to mfr., f.o.b. mill:															
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56.....\$ per yd.															
Manmade fiber textile trade:															
Exports, manmade fiber equivalent.....mil. lbs.	637.73	438.55	38.35	39.72	35.96	42.01	44.21	33.93	33.13	35.86	36.87	32.54	31.08		
Yarn, tops, thread, cloth.....do.	318.89	200.59	17.13	18.10	15.67	18.42	20.65	16.12	14.70	16.06	16.87	15.78	14.87		
Cloth, woven.....do.	208.48	132.57	10.13	11.48	10.59	12.11	13.36	10.66	9.32	11.29	12.03	11.53	10.35		
Manufactured prods., apparel, furnishings.....do.	318.84	237.96	21.22	21.61	20.29	23.59	23.56	17.80	18.44	19.80	19.98	16.76	16.21		
Imports, manmade fiber equivalent.....do.	639.08	807.10	48.07	47.74	40.14	67.85	91.93	77.34	100.05	82.75	70.14	68.76	59.16		
Yarn, tops, thread, cloth.....do.	130.52	132.58	8.73	9.33	9.58	12.27	12.48	9.50	14.40	12.95	10.65	11.78	10.04		
Cloth, woven.....do.	95.38	93.34	6.58	6.82	6.79	8.74	9.14	6.58	10.44	9.07	7.41	7.69	6.31		
Manufactured prods., apparel, furnishings.....do.	508.56	674.51	39.34	38.41	30.56	55.58	79.46	67.83	85.65	69.80	59.49	56.97	49.12		
Apparel, total.....do.	434.87	485.31	33.95	32.29	25.39	40.45	53.04	43.58	60.91	48.38	40.59	37.82	32.45		
Knit apparel.....do.	184.70	193.09	11.22	10.55	8.56	15.32	21.76	17.80	26.41	21.52	20.04	16.64	10.80		
WOOL AND MANUFACTURES															
Wool consumption, mill (clean basis):															
Apparel class.....mil. lb.	127.8	105.0	9.6	*12.8	9.1	8.2	*9.4	5.9	8.0	*8.3	7.1	7.7	*9.4	8.8	9.6
Carpet class.....do.	10.9	9.8	0.9	*1.0	0.7	0.9	*0.8	0.6	1.0	*1.2	0.7	0.8	*0.6	0.8	1.0
Wool imports, clean yield.....do.	*75.3	61.4	6.3	6.6	4.9	6.0	6.6	4.0	4.2	4.7	2.9	3.6	3.7	6.0	
Duty-free.....do.	26.1	21.4	1.6	1.8	2.0	2.0	2.6	1.7	2.0	1.8	1.4	1.3	1.2	2.2	
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.	*2.78		2.63	2.44	2.40	2.40	2.40	2.40	2.40	2.40					1.92
Australian, 64's, Type 62, duty-paid.....do.	*3.16	2.99	3.03	3.13	3.23	3.36	3.21	3.04	2.94	2.87	2.76	2.69	2.67	2.79	2.79
Wool broadwoven goods, exc. felts:															
Production (qtrly.).....mil. sq. yd.	165.0	115.9		38.1			36.1			18.8			22.9		
FLOOR COVERINGS															
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds.	990.6	909.3		214.0			242.7			226.7			225.9		
APPAREL															
Women's, misses', juniors' apparel cuttings:															
Coats.....thous. units.	14,845														
Dresses.....do.	136,176														
Suits (incl. pant suits, jumpsuits).....do.	13,605														
Skirts.....do.	91,025														
Blouses.....thous. dozen.	30,322														

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982	1982										1983		
	Annual	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

## TEXTILE PRODUCTS—Continued

APPAREL—Continued															
Men's apparel cuttings:															
Suits .....	thous. units..	14,686													
Coats (separate), dress and sport.....	do.....	17,880													
Trousers (separate), dress .....	do.....														
Slacks (jean cut), casual.....	do.....	175,445													
Shirts, dress and sport .....	thous. doz..	38,112													
Hosiery, shipments .....	thous. doz. pairs..	304,826	288,704	*21,644	*23,979	*24,017	22,248	23,888	29,632	22,725	24,466	27,540	22,561	20,969	22,996

## TRANSPORTATION EQUIPMENT

AEROSPACE VEHICLES																	
Orders, new (net), qtrly, total @ .....	mil. \$..	72,852	80,407		20,079										17,572	24,454	
U.S. Government .....	do.....	39,102	48,584		11,016										*10,579	16,332	
Prime contract .....	do.....	70,633	77,773		19,407										*17,680	23,767	
Sales (net), receipts, or billings, qtrly, total.....	do.....	69,944	73,953		16,719										18,113	18,869	
U.S. Government .....	do.....	33,039	41,381		8,740										9,317	11,868	
Backlog of orders, end of period # .....	do.....	92,640	99,094		96,000										*94,892	99,094	
U.S. Government .....	do.....	43,262	50,465		45,538										*46,878	50,465	
Aircraft (complete) and parts .....	do.....	44,555	45,946		46,516										*46,114	44,138	
Engines (aircraft) and parts .....	do.....	13,173	13,551		13,545										*13,334	13,551	
Missiles, space vehicle systems, engines, propulsion units, and parts .....	mil. \$..	11,047	10,934		10,997										*10,693	10,934	
Other related operations (conversions, modifications), products, services .....	mil. \$..	11,314	14,485		11,991										*13,220	14,485	
Aircraft (complete):																	
Shipments # # .....	do.....	13,195.0	*9,297.8	774.2	1,122.0	806.0	956.5	739.9	564.0	466.1	646.5	602.4	624.7	*1,287.3	697.8		
Airframe weight # # .....	thous. lb..	89,076	*50,063	3,993	5,857	4,270	5,045	4,059	3,437	2,801	3,665	3,225	3,130	*6,394	3,742		
Exports, commercial ¶¶ .....	mil. \$..	8,551	4,775	369	809	412	453	434	445	370	77	378	102	421	321	508	
MOTOR VEHICLES (NEW)																	
Passenger cars:																	
Factory sales (from U.S. plants), total ¶¶ .....	thous..	6,225	5,049	320	469	488	510	561	439	356	429	431	407	366	457	*491	*575
Domestic ¶¶ .....	do.....	5,749	4,696	302	431	441	468	523	405	334	406	406	382	344	431		
Retail sales, total, not seasonally adj ¶ .....	do.....	8,535	7,980	632	777	669	774	651	630	609	671	656	743	632	596	628	821
Domestics § .....	do.....	6,209	5,758	457	576	499	584	452	430	409	488	488	558	448	414	442	600
Imports § .....	do.....	2,326	2,221	175	201	170	190	199	200	200	183	169	185	184	182	185	221
Total, seas, adjusted at annual rate ¶ .....	mil. \$..			8.4	7.7	7.3	8.2	*7.0	7.4	7.6	8.3	7.9	9.4	8.7	8.7	8.4	8.2
Domestics § .....	do.....			6.2	5.6	5.4	6.2	*4.8	5.1	5.4	6.0	5.5	6.8	6.1	6.0	6.0	6.0
Imports § .....	do.....			2.2	2.0	1.8	2.0	*2.2	2.2	2.2	2.3	2.4	2.6	2.7	2.3	2.3	2.2
Retail inventories, end of period, domestics: § †																	
Not seasonally adjusted .....	thous..	1,471	1,126	1,325	1,247	1,256	1,213	1,364	1,377	1,379	1,350	1,296	1,164	1,126	1,180	1,248	1,235
Seasonally adjusted .....	do.....	1,495	1,193	1,241	1,171	1,187	1,146	*1,247	1,378	1,531	1,481	1,412	1,229	1,193	1,220	*1,267	1,246
Inventory-retail sales ratio, domestics § † .....		2.9	2.5	2.4	2.5	2.6	2.2	*3.1	3.2	3.4	3.0	3.1	2.2	2.4	2.5	2.5	2.5
Exports (BuCensus), assembled cars .....	thous..	538.12	374.30	23.87	40.21	49.59	45.70	38.66	34.29	21.18	26.30	27.42	27.39	22.42	26.88	44.33	
To Canada .....	do.....	470.86	334.05	19.46	36.03	45.72	42.55	35.72	32.27	18.39	23.70	23.48	23.71	19.60	24.71	42.12	
Imports (BuCensus), complete units # # .....	do.....	2,998.6	3,067.0	195.9	285.7	249.2	309.5	275.5	261.9	263.0	217.4	262.8	253.6	232.7	277.3	260.2	
From Canada, total .....	do.....	563.9	702.5	58.0	70.4	73.2	71.2	83.3	44.1	47.7	61.0	49.5	56.8	50.2	59.1	69.7	
Registrations ¶, total new vehicles .....	do.....	8,444	7,754	546	626	672	708	717	626	627	625	655	678	765	595	569	
Imports, incl. domestically sponsored .....	do.....	2,432	2,293	164	176	186	189	206	203	214	200	195	181	220	191	181	
Trucks and buses:																	
Factory sales (from U.S. plants), total @@ .....	thous..	1,701	1,905	144	197	183	193	212	166	142	155	142	127	130	141	*167	*221
Domestic @ .....	do.....	1,514	1,778	133	184	169	180	197	154	134	146	132	118	122	133		
Retail sales, seasonally adjusted: †																	
Light-duty, up to 14,000 lbs. GVW .....	do.....	*1,746.6	*2,063.8	175.0	186.0	170.1	191.3	155.3	162.2	140.4	193.8	149.7	199.4	179.2	*168.9	160.4	183.6
Medium-duty, 14,001-26,000 lbs. GVW .....	do.....	*73.9	*45.7	3.6	3.4	3.8	4.6	4.1	3.9	3.4	3.9	3.5	3.6	3.8	*4.4	*3.8	3.5
Heavy-duty, 26,001 lbs. and over GVW .....	do.....	*151.7	*138.3	12.4	12.5	12.6	12.5	11.7	10.1	10.4	10.1	9.6	10.0	12.5	*10.9	9.8	11.9
Retail inventories, end of period, seasonally adjusted † .....	thous..	*559.4	*539.5	498.3	482.0	513.4	526.9	569.0	615.2	*704.9	665.5	636.2	566.4	537.9	*495.7	*519.5	518.4
Exports (BuCensus), assembled units .....	do.....	*170.50	124.15	11.46	12.68	12.37	12.89	13.81	9.17	7.80	6.62	10.31	9.80	9.04	7.32	9.42	
Imports (BuCensus), including separate chassis and bodies .....	thous..	838.92	738.08	57.15	82.00	73.68	71.63	73.27	51.73	56.50	57.33	54.44	43.28	42.27	47.58	56.22	
Registrations, ¶ new vehicles, excluding buses not produced on truck chassis .....	thous..	2,185	2,430	171	208	219	226	226	197	193	182	193	215	246	189	177	
Truck trailers and chassis, complete (excludes detachables), shipments .....	number..	117,635	*95,228	8,418	9,903	8,453	8,023	8,382	6,046	7,826	6,910	6,421	7,683	*9,687	6,062	7,160	
Vans .....	do.....	70,928	*62,901	4,928	6,355	5,300	5,240	5,388	4,025	5,582	4,900	4,279	5,479	*7,098	4,053	4,676	
Trailer bodies (detachable), sold separately .....	do.....	7,239	4,020	203	429	440	504	376	305	228	335	378	282	288	158	133	
Trailer chassis (detachable), sold separately .....	do.....	8,615	*6,034	564	817	846	790	598	680	597	320	211	93	*69	25	17	
RAILROAD EQUIPMENT																	
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																	
Shipments .....	number..	*44,901	*17,236	1,762	2,247	2,443	1,794	1,339	1,369	1,060	967	890	610	765	494	447	
Equipment manufacturers .....	do.....	*41,435	*15,515	1,526	2,032	2,265	1,694	1,244	1,369	992	913	650	525	477	440	411	
New orders .....	do.....	*17,916	*7,071	753	1,485	539	487	586	179	373	583	884	249	231	501	299	
Equipment manufacturers .....	do.....	*17,288	*6,321	753	1,485	539	487	586	179	373	583	134	249	231	501	297	
Unfilled orders, end of period .....	do.....	16,485	4,295	13,486	12,599	10,560	9,253	8,500	7,187	6,829	5,895	5,283	4,866	4,295	4,301	4,153	
Equipment manufacturers .....	do.....	14,819	4,095	12,218	11,546	9,685	8,478	7,820	6,507	6,217	5,337	4,710	4,378	4,095	4,155	4,041	
Freight cars (revenue), class 1 railroads (AAR): †																	
Number owned, end of period .....	thous..	1,111	1,039	1,105	1,100	1,095	1,090	1,083	1,077	1,069	1,059	1,053	1,047	1,039	1,035	1,033	
Held for repairs, % of total owned .....		6.9	8.7	7.4	7.6	7.6	7.7	8.0	8.1	7.9	8.3	8.4	8.6	8.7	8.8	8.9	
Capacity (carrying), total, end of mo .....	mil. tons..	89.37	84.87	89.02	88.76	88.48	88.19	87.71	87.47	86.94	86.24	85.86	85.43	84.87	84.77	84.72	
Average per car .....	tons.....	80.43	81.68	80.58	80.71	80.84	80.92	81.02	81.19	81.35	81.44	81.54	81.60	81.68	81.93	81.98	

See footnotes at end of tables.

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

## General Notes for all Pages:

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

## Page S-1

† Revised series. See Tables 2.6 - 2.9 in the July 1982 SURVEY for revised estimates back to 1977. Pre-1977 estimates are available in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables*.

‡ Includes inventory valuation and capital consumption adjustments.

\* New series. Detailed descriptions begin on p. 18 of the Nov. 1979 SURVEY. See note "†" for this page for information on historical data.

§ 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.

‡ Revised series. For wholesale see note "‡" for p. S-8. For manufacturing see note "†" for p. S-3. For retail see note "†" for p. S-8.

† See note "†" for p. S-3.

§ See note "†" for p. S-8.

@ See note "‡" for p. S-8.

\* New series. Data back to 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

## Page S-3

‡ Revised series. For wholesale see note "‡" for p. S-8. For manufacturing see note "†" for this page. For retail see note "†" for p. S-8.

† Revised series. Data have been revised back to 1972. A detailed description of these revisions and historical data appear in the reports "Manufacturers' Shipments, Inventories, and Orders" M3-1.10 (1972-1980) and M3-1.11 (1977-81), available from the Bureau of the Census, Washington, D.C. 20233.

§ See note "†" for p. S-8.

@ See note "‡" for p. S-8.

\* New series. Data back to 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

# Includes data for items not shown separately.

## Page S-4

1. Based on data not seasonally adjusted.

† See note "†" for p. S-3.

# 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. 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.

† See note "†" for p. S-3.

@ Compiled by Dun & Bradstreet, Inc.

# Includes data for items not shown separately.

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

¶ Revisions, back to 1975 for some commodities, are available upon request.

‡ See note "‡" for p. S-4.

## Page S-6

1. See note 2 for p. S-5.

2. Index no longer available from the source, BLS.

§ For actual producer prices of individual commodities see respective commodities in the Industry section beginning p. S-19. All data subject to revision four months after original publication.

† Revised series. Stage-of-processing producer price indexes have been revised back to 1976 to reflect updated industry input-output relationships and improved classification of some products.

# Includes data for items not shown separately.

‡ Effective Feb. 1983 SURVEY, data have been revised back to 1978 to reflect updated seasonal factors. Effective Feb. 1982 SURVEY, data have been revised back to 1977 to reflect updated seasonal factors. These revisions are available upon request.

@ Effective with the Feb. 1983 SURVEY, the percent change and indexes as shown here have been revised back to 1967 except for the transportation group and services which were revised back to 1978. These revisions as well as those for indexes not shown here are available from the Bureau of Labor Statistics, U.S. Department of Labor, Washington, D.C. 20212.

## Page S-7

1. Computed from cumulative valuation total.

2. Index as of Apr. 1, 1983: building, 347.4; construction, 372.5. Revised index as of Jan. 1, 1982: building, 323.3; construction, 344.9.

# Includes data for items not shown separately.

§ Data for Apr., July, Sept., and Dec. 1982, and Mar. 1983 are for five weeks; other months four weeks.

## Page S-8

1. Advance Estimate.

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

§ Data include guaranteed direct loans sold.

‡ Effective April 1983 SURVEY, wholesale trade data have been revised for Jan. 1973-Dec. 1982. Revised data are available upon request.

† Effective April 1983 SURVEY, retail trade data have been revised for 1978-1983. Revised data and a summary of the changes are available from the Census Bureau, Washington, D.C. 20233.

# Includes data for items not shown separately.

## Page S-9

1. Advance estimate.

2. Effective Jan. 1979 data, sales of mail-order houses are included with department store sales.

3. As of July 1.

# Includes data for items not shown separately.

‡ Revisions for Jan. 1977-Oct. 1979 appear in "Current Population Reports," Series P-25, No. 870, Bureau of the Census.

¶ Effective with the January 1983 SURVEY, the seasonally adjusted labor force series have been revised back to January 1978. Revised monthly series appear in the January 1983 issue of *Employment and Earnings*. Effective with the February 1982 SURVEY, the labor force series have been revised back to 1970 to reflect the 1980 Census of Population. Seasonal adjustment factors were revised accordingly. Revised monthly series appear in the February 1982 issue of *Employment and Earnings*. Revised annual series will appear in the March 1982 issue of *Employment and Earnings*, U.S. Department of Labor, Bureau of Labor Statistics.

\* New series. The participation rate is the percent of the civilian noninstitutional population in the civilian labor force. The employment-population ratio is employment as a percent of the total noninstitutional population, 16 years and over.

† See note "†" for p. S-8.

## 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 10.1 in Mar. 1983.

† Effective June 1982 SURVEY, data have been revised back to 1977 based on March 1981 benchmark levels and updated seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1981 Benchmarks," in the June 1982 issue of *Employment and Earnings*. Effective July 1981 SURVEY, data have been revised back to 1974 to reflect new benchmarks and new seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1980 Benchmarks," in the July 1981 issue of *Employment and Earnings*.

¶ See note "¶" for p. S-9.

## Page S-11

† See note "†" on p. S-10.

‡ 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.

## Page S-12

1. This series has been discontinued.

† See corresponding note on p. S-10.

¶ Production and nonsupervisory workers.

‡ Earnings in 1977 dollars reflect changes in purchasing power since 1977 by dividing by Consumer Price Index.

§ Wages as of Apr. 1, 1983: Common, \$14.92; Skilled, \$19.46.

**Page S-13**

1. Average for Dec.
2. Reported annual; monthly revisions are not available.
- ¶ Effective April 1982 SURVEY, the series for work stoppages involving six or more workers have been discontinued and have been replaced by series for work stoppages involving 1,000 or more workers.
- # Includes data for items not shown separately.
- § For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial bank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to and Federal funds transactions with domestic commercial banks and include valuation reserves (individual loan items are shown gross; i.e. before deduction of valuation reserves).
- \* New series. Beginning Dec. 1978, data are for all investment account securities; comparable data for earlier periods are not available.
- @ 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. Beginning Jan. 1981, data are for top-rated only. Prior data cover a range of top-rated and regional dealer closing rates. See also note 3 for this page.
5. Beginning Oct. 1981, data represent the total surplus or deficit (budget surplus or deficit plus off-budget surplus or deficit). See also note 1.
6. Interest rate charged as of Apr. 1, 1983 was 10.51.
- # Includes data for items not shown separately.
- § The Department of Health, Education, and Welfare was redesignated as the Department of Health and Human Services by the Department of Education Organization Act.
- ¶ 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. Data through Oct. 1979 show a maturity for 120-179 days. Beginning Nov. 1979, maturity is for 180 days.
- @ Data through Oct. 1979 show a maturity for 150-179 days. Beginning Nov. 1979, maturity is for 180 days.
- ‡‡ Courtesy of *Metals Week*.
- @@ Average effective rate

**Page S-15**

- † Effective Feb. 1983 SURVEY, the money stock measures and components have been revised back to 1959. Effective April 1980 SURVEY, the monetary aggregates were redefined by the Federal Reserve. The redefinition was prompted by the emergence in recent years of new monetary assets—for example, negotiable order of withdrawal (NOW) accounts and money market mutual fund shares—and alterations in the basic character of established monetary assets—for example, the growing similarity of and substitution between the deposits of thrift institutions and those of commercial banks. Monthly data from 1959 to date 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 institutions, credit union share draft balances, and demand deposits at mutual savings banks.
- \* Overnight (and continuing contract) RP's are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.
- @ Small time deposits are those issued in amounts of less than \$100,000. Large time deposits are those issued in amounts of \$100,000 or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions.
- # Includes data for items not shown separately.
- § Number of issues represents number currently used; the change in number does not affect the continuity of the series.
- @@ 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**

1. Beginning Jan. 1981 data, U.S. Virgin Islands trade with foreign countries is included.
- § 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.

**Page S-17**

1. See note 1 for p. S-16.
2. Beginning 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-16.
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. See note 2 for p. S-17.
7. Beginning October, 1982; data are not comparable because of the exclusion of some small carriers who chose to waive filing a Form 41.
- # Includes data for items not shown separately.
- § Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.
- ‡ Beginning Jan. 1977, defined as those having operating revenues of \$50 million or more.
- ¶ Average daily rent per room occupied, not scheduled rates.
- @ Effective January 1, 1980, contract carriers are not included because the data filed by these carriers were substantially reduced in scope, in accordance with the ICC revised reporting regulations.

**Page S-19**

1. Reported annual total; monthly revisions are not available.
2. Less than 500 short tons.
3. Beginning Jan. 1981, data represent gross weight (formerly phosphoric acid content weight) and are not comparable with data shown for earlier periods.
4. A portion of data is being withheld to avoid disclosing information for individual companies; not comparable with other published data.
5. A portion of data is being suppressed because of not meeting publication standards. For nitrogen solutions, see also note 4 for this page.
- # Includes data for items not shown separately.
- § Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
- ‡ Revisions, back to 1977 for some commodities, are available upon request.
- ¶ Data for Jan. 1977-June 1979 exclude potassium magnesium sulfate; not strictly comparable with data shown for other periods.

**Page S-20**

1. Reported annual total; monthly revisions are not available.
2. Reported annual total, including Hawaii; monthly data are preliminary and subject to change.
3. Beginning 1982, the reporting frequency has been changed from a monthly to a quarterly basis. Revised quarterly data for 1979 through 1981 are available upon request.
4. 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.
- ‡ Revisions back to 1977 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. Data are no longer available.
8. See note 2 for p. S-22.
9. Effective with this reporting, data are reported on a monthly basis.
10. Data for Apr.-Dec. 1982 are not available.
- § Excludes pearl barley.
- # Bags of 100 lbs.
- ¶ Revised crop estimates back to 1975 are available upon request.
- @ Revisions, back to 1977, for some commodities, are available upon request.
- ‡ Revisions back to 1975 are available upon request.
- @@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

**Page S-22**

1. Based on quotations for fewer than 12 months.
  2. Effective with this reporting, data are for 3-month intervals.
  3. Data are no longer available.
  4. See note 9 for p. S-21.
- § Cases of 30 dozen.  
¶ Bags of 132.276 lbs.  
‡ Revisions for Jan.-July 1979 (back to 1975 for grindings of wheat) are available upon request.  
@ Revisions back to 1977 are available upon request.  
# Effective Apr. 1981 SURVEY, the wholesale price of smoked hams has been discontinued and has been replaced with the comparable price index. Annual indexes prior to 1979 and monthly indexes prior to Feb. 1980 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. Data are no longer available.
- § Monthly data reflect cumulative revisions for prior periods.  
‡ Revisions back to 1975 are available upon request.  
\* New series. Source: Bureau of Labor Statistics.  
# Totals include data for items not shown separately.

**Page S-24**

1. Annual data; monthly revisions not available.
2. Less than 500 short tons.

**Page S-25**

1. Annual data; monthly revisions are not available.
2. For month shown.
3. Effective Jan. 1981, data are revised back to Jan. 1980. Inventory data formerly calculated by the Bureau of the Census are now based on the Steel Service Center Institute monthly Business Conditions report.

**Page S-26**

1. Annual data; monthly revisions are not available.
  2. Less than 50 tons.
- ¶ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.  
@ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.  
‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.  
# Includes data not shown separately.  
† Effective July 1980 SURVEY, data are revised and shown on a new base. The sample size has been restored to 100 firms and the base has been changed to 1977=100. The revised series are not comparable to previously published data.  
\* New series. These indexes are based on shipments of hydraulic and pneumatic products reported by participating members of the National Fluid Power Association. Data back to 1959 are available upon request.

**Page S-27**

1. Total stocks for bituminous coal and lignite exclude residential and commercial stocks and are not comparable with data prior to Jan. 1980.
  2. Data are for five weeks; other months 4 weeks.
  3. For month shown.
- # Includes data for items not shown separately.  
@ Beginning July 1977, data are representative of those manufacturers reporting and are not an average of the total industry; they are not directly comparable with earlier data.  
\* New series. Annual data prior to 1978 and monthly data prior to April 1979 are available upon request.  
§ Includes nonmarketable catalyst coke.  
¶ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.  
† Revisions back to Jan. 1978 are available upon request.  
‡ Effective with 1981 petroleum data, the Energy Information Agency has changed some definitions and concepts to reflect recent developments in refining and blending practices. These changes include adding a category for gasohol production to motor gasoline production and accounting more precisely for distillate and residual fuel oil processed further after initial distillation. A description of these changes appears in the May 1981 issue of *Monthly Energy Review*, U.S. Department of Energy, Energy Information Administration.

**Page S-28**

1. Simple averages of prices are no longer available.
  2. See note 5 for p. S-29.
  3. Reported annual totals; revisions not allocated to the months.
  4. Effective with Jan. 1983, data include road oil. Total road oil data for 1982 were (thous. bbl.): 591, domestic demand; 610, production; 47, stocks.
- ¶ Prices are mid-month, include taxes, and represent full service; comparable prices prior to Jan. 1979 are not available.

- # Includes data for items not shown separately.  
\* New series. See note "¶" for this page.  
‡ Except for price data, see note "‡" for p. S-27.

**Page S-29**

1. Reported annual total; revisions not distributed to the months.
  2. Effective Jan. 1980, data are no longer available.
  3. Average for 11 months; no price for Aug. 1980 or June 1981.
  4. Average for 11 months; no price available for Nov. 1980 or for Oct. 1981.
  5. Monthly data will be discontinued as of April 1982 SURVEY, due to budgetary limitations. The related annual report, MA26A, will continue to be published.
- ¶ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.  
§ Monthly data are averages of the 4-week periods ending on the Saturday nearest the end of the month; annual data are as of Dec. 31.  
‡ Data are monthly or annual totals. Formerly weekly averages were shown.

**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. Data are not available prior to Jan. 1980.
  5. See note "‡" for this page.
  6. Monthly and annual data for regular basecoat plasters are not available; sales of "all other" represents total sales of building plasters. See also note 1 for this page.
  7. Data withheld to avoid disclosing operations of individual companies.
  8. Represents total shipments for Jan.-May 1982. See also note 7 for this page.
- \* New series. Data for finishing mills have replaced data for weaving mills, which are no longer available.  
# Includes data for items not shown separately.  
¶ Cumulative ginnings to the end of month indicated.  
§ Bales of 480 lbs.  
‡ Beginning Jan. 1982, shipments include those for direct export; such shipments for 1981 were 2,165 thous. gross.  
@ Annual totals are based on advance summaries and reflect revisions not distributed to the months.

**Page S-31**

1. Effective Jan. 1, 1978, includes reexports, formerly excluded.
  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.
- § Bales of 480 lbs.  
¶ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).  
# Includes data not shown separately.

**Page S-32**

1. Annual total includes revisions not distributed to the months.
  2. Figure represents production; not factory sales.
  3. Effective Jan. 1982 (for retail sales) and Aug. 1982 (for retail stocks), U.S.-built Mercedes-Benz trucks are included; comparable data for earlier periods are not available. See also note 5 for this page.
  4. Monthly data for 1980 as published in earlier issues of the SURVEY, exclude exports for off-highway trucks; not strictly comparable with data shown for other periods. Such exports have since been included in the monthly data and are available upon request.
  5. Based on unadjusted data.
  6. See note "†" for this page.
  7. See last sentence of note "†" for this page.
- # Total includes backlog for nonrelated products and services and basic research.  
§ Domestic comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965. Imports comprise all other cars.  
¶ Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.  
‡ Excludes railroad-owned private refrigerator cars and private line cars.  
† Revisions, back to 1967 for some commodities, are available upon request. Effective with the July 1982 SURVEY, seasonally adjusted data for passenger cars have been revised back to Jan. 1977 and are available upon request. Effective with the Feb. 1983 SURVEY, seasonally adjusted data for trucks and buses have been revised back to Jan. 1980 and are available upon request.  
@ In the 1979 BUSINESS STATISTICS, 4th Qtr. 1977 should read "13,946" mil. \$.  
‡‡ In the 1979 BUSINESS STATISTICS, annual data for 1977 should read "2,604.8" mil. \$.  
## Revisions back to 1977 are available upon request.  
†† Includes Volkswagens produced in the U.S.  
@@ Includes passenger vans.

# SOON TO BE RELEASED

1976-81

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- ▶ U.S.
- ▶ REGIONS
- ▶ STATES
- ▶ COUNTIES
- ▶ SMSA's



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By Type of Income**

**Per Capita Personal Income**

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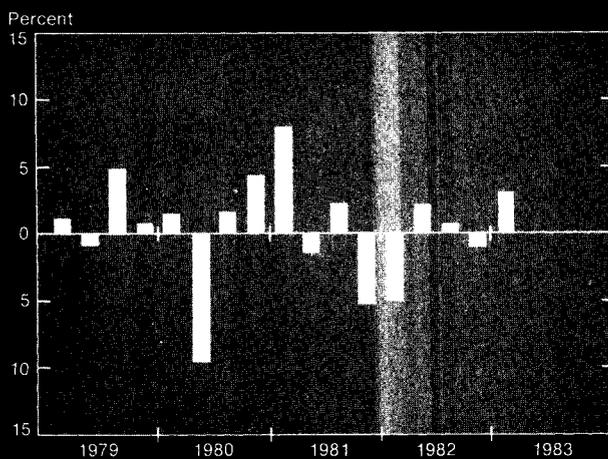
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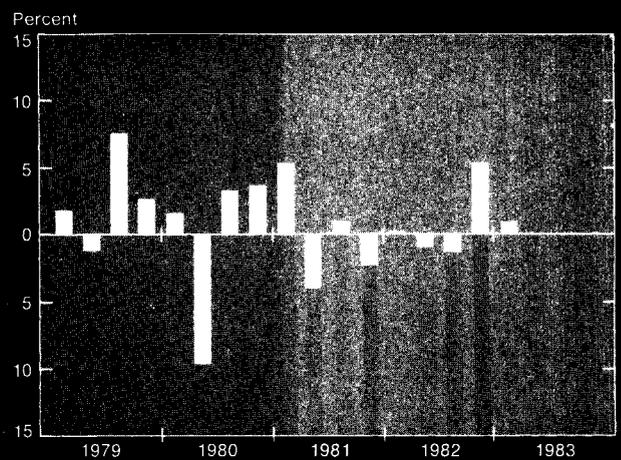
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- Real GNP increased 3 percent
- Real final sales increased 1 percent
- GNP fixed-weighted price index increased 3 percent
- Real disposable personal income increased 2 percent

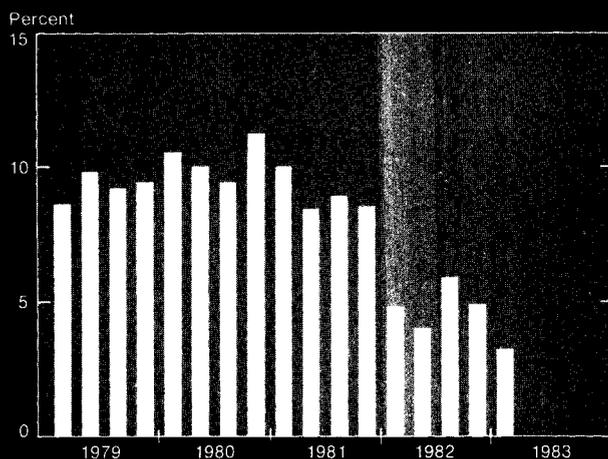
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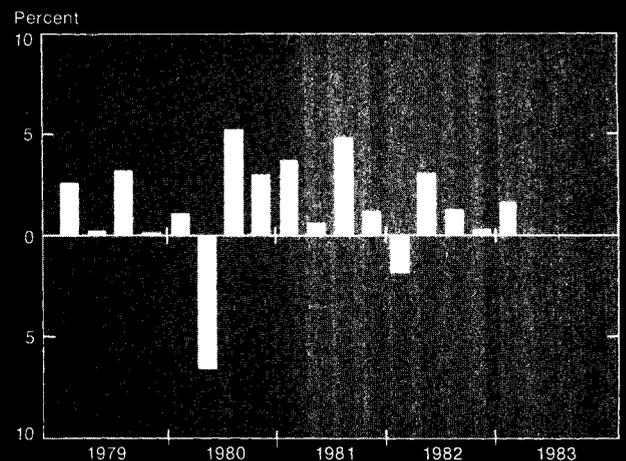
Real Final Sales



GNP Fixed-Weighted Price Index



Real Disposable Personal Income



Percent change from preceding quarter; based on seasonally adjusted annual rates.