

SURVEY OF CURRENT BUSINESS



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the BUSINESS SITUATION

THE pace of U.S. production slowed in the first quarter of 1985. Real GNP increased at an annual rate of 1½ percent, following an increase of 4½ percent in the fourth quarter of 1984. In the third quarter, GNP had increased 1½ percent. Increases in real GNP in these three quarters averaged 2½ percent, a considerably lower growth rate than earlier in 1984 and in 1983. Inflation remained moderate. The GNP fixed-weighted price index increased 4½ percent at an annual rate in the first quarter.¹

1. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates. Quarter-to-quarter percent changes are compounded to annual rates. Real, or constant-dollar, estimates are expressed in 1972 dollars.

The first-quarter GNP estimates are based on the following major source data: For *personal consumption expenditures* (PCE), retail sales through March, and unit auto and truck sales through March; for *nonresidential fixed investment*, the same information for autos and trucks as for PCE, January and February

The recent variation in the quarterly increases in real GNP reflected sharp changes in several components, particularly net exports and change in business inventories (chart 1). In the first quarter, when the increase in GNP slowed, net exports swung sharply: Imports registered a large increase following a large decline in the

construction put in place, January and February manufacturers' shipments of machinery and equipment, and investment plans for the quarter; for *residential investment*, January and February construction put in place, and January and February housing starts; 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, and State and local employment through March; and for *GNP prices*, the Consumer Price Index for January and February, the Producer Price Index for January and February, and unit-value indexes for exports and imports for January and February. Some of the source data are subject to revision.

Looking Ahead . . .

- **NIPA Methodology.** A series of special papers documenting the concepts, sources, and methods of the national income and product accounts is being prepared. As these papers are completed, they will be made available. The first of these, "An Introduction to National Economic Accounting," appeared as an article in the March SURVEY. The second, on corporate profits, will be ready in May. For information about how to order a copy of this paper, contact the Public Information Office, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC (202-523-0777); order information will also appear in the May SURVEY.

- **Capital Stocks by Industry.** Estimates of fixed private capital stocks by detailed industry for 1947-81 will be available soon. The estimates and methodology will be presented in an upcoming article in the SURVEY.

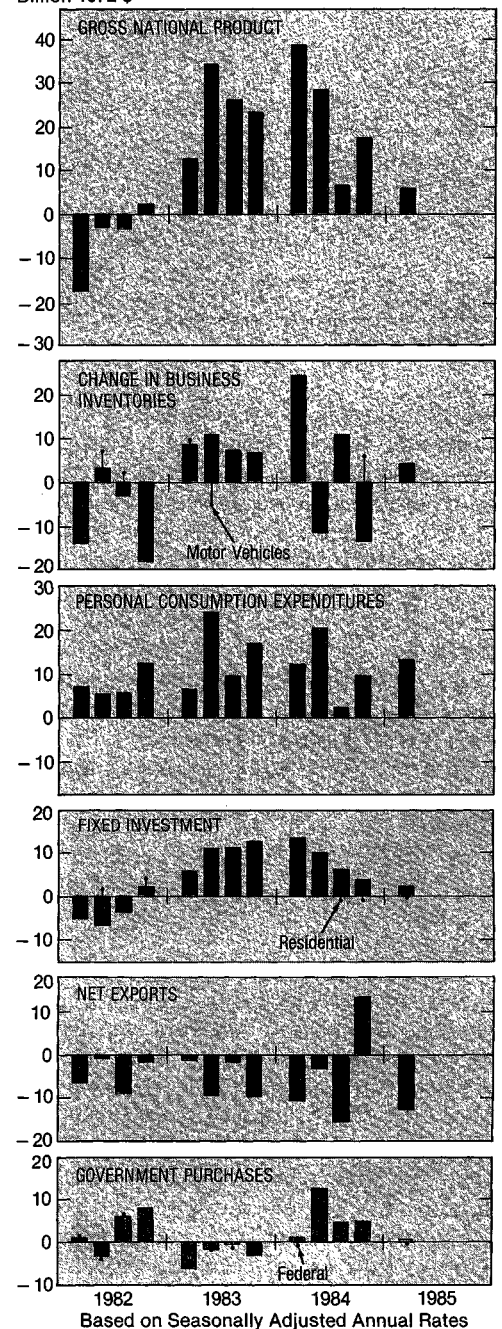
- **Regional Projections of Income, Employment, and Population.** An article summarizing projected trends to the year 2000 and the methodology for State-level estimates will appear in an upcoming issue of the SURVEY. Separate volumes containing detailed projections to the year 2035 will be published later this spring for States and in the fall for metropolitan statistical areas.

- **NIPA Revisions.** A comprehensive revision of the NIPA's is scheduled for completion in December 1985. The revision of the estimates for 1982-84 that would customarily be published this July will be combined with the December revision. For more information, see page 8.

CHART 1

Real Product: Change From Preceding Quarter

Billion 1972 \$



Based on Seasonally Adjusted Annual Rates
U.S. Department of Commerce, Bureau of Economic Analysis 85-4-1

Table 1.—Measures of Real Production and Final Sales: Change From Preceding Quarter

Item	Explanation	Billions of 1972 dollars at seasonally adjusted annual rates					Percent change at annual rate				
		1984				1985	1984				1985
		I	II	III	IV		I	II	III	IV	
Gross national product.....	U.S. production ¹	38.2	27.9	6.4	17.2	5.6	10.1	7.1	1.6	4.3	1.3
Less: Change in business inventories.....		24.4	-11.3	10.3	-13.8	3.9					
Equals: Final sales of GNP.....	Worldwide final sales of U.S. production.....	13.9	39.2	-3.9	31.0	1.7	3.6	10.3	-1.0	7.9	.4
Less: Exports.....	Foreign sales of U.S. production.....	3.9	-2	2.7	-3	-3.1	11.4	-5	7.5	-7	-8.2
Equals: Domestic sales of domestically produced goods and services.....	Final sales in the United States of U.S. production.....	10.0	39.4	-6.6	31.3	4.8	2.8	11.4	-1.8	8.8	1.3
Plus: Imports.....	Sales in the United States of foreign production.....	14.1	3.0	18.2	-13.9	9.6	47.1	8.0	55.5	-28.3	26.1
Equals: Final sales to domestic purchasers.....	Final sales in the United States of worldwide production.....	24.2	42.3	11.7	17.4	14.4	6.3	11.1	2.9	4.3	3.5
Personal consumption expenditures.....		11.7	20.1	1.7	9.5	12.5	4.6	7.9	.7	3.6	4.7
Gross private domestic fixed investment.....		11.7	9.8	5.9	3.5	1.7	20.8	16.2	9.3	5.3	2.5
Government purchases.....		.7	12.6	4.0	4.4	.1	1.0	18.6	5.4	5.9	.2
Plus: Change in business inventories.....		24.4	-11.3	10.3	-13.8	3.9					
Equals: Gross domestic purchases.....	Final sales and inventory investment in the United States of worldwide production.....	48.5	31.0	22.0	3.6	18.3	12.9	7.9	5.4	.9	4.4

1. Goods and services produced by labor and property supplied by U.S. residents.

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in tables 1.2 and 1.4.

fourth quarter. The swing in net exports was largely offset by a swing in the opposite direction in inventory investment, which increased moderately after a large decline. To some extent, changes in inventory investment and changes in imports are positively correlated because some merchandise imports go into inventory, rather than being sold, in the period in which they are brought into this country. (See the "Business Situation" in the January 1985 SURVEY OF CURRENT BUSINESS for a discussion of this relationship, as well as a discussion of how imports are treated in estimating GNP and why care must be taken in relating changes in imports to changes in GNP.)

In the three most recent quarters, increases in real gross domestic purchases, which includes imports but excludes exports, averaged 3½ percent. As was the case for GNP, the average was considerably lower than increases in earlier quarters. However, in contrast to GNP, this measure—which is a measure of U.S. demand for goods and services, whether produced in the United States or abroad—increased more in the first quarter than it had in the fourth (table 1).

With the exception of the fourth quarter of 1984, increases in U.S.

demand have exceeded those in U.S. production in every quarter since the fourth quarter of 1981. Over the entire period, gross domestic purchases increased 16 percent, while GNP increased 11 percent. The difference reflects two developments: An increasing portion of U.S. demand has been met by imports; a decreasing portion of U.S. production has been for export. The share of gross domestic purchases accounted for by imports had been 8 percent in the fourth quarter of 1981; by the first quarter of 1985, the import share was up to 10 percent. The increased share was mostly due to a sharp increase in merchandise imports. The share of GNP that is exported had been 10½ percent in the fourth quarter of 1981; by the first quarter of 1985, the export share was down to 8½ percent. Again, the change in share was mostly due to merchandise.

Productivity and costs.—Table 2 shows changes in real gross product, aggregate hours, and compensation in the business economy other than farm and housing. Productivity, as measured by real product per hour, has declined in two of the past three quarters; the poor performance can generally be related to the weakening in real product. Compensation and

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

(Percent change at annual rates; based on seasonally adjusted estimates)

	1984			1985
	II	III	IV	
Real gross product.....	10.8	0.6	4.7	1.5
Hours.....	4.8	1.9	2.6	3.2
Compensation.....	8.7	5.5	6.2	9.1
Real gross product per hour.....	5.7	-1.2	2.1	-1.6
Compensation per hour.....	3.7	3.5	3.5	5.7
Unit labor cost.....	-1.9	4.8	1.4	7.4

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

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

	1984				1985
	II	III	IV	I	
GNP.....	4.3	4.0	3.6	4.4	
Less: Change in business inventories.....					
Equals: Final sales.....	4.3	4.1	3.7	4.5	
Less: Exports.....	4.5	-1.4	-1.6	.5	
Plus: Imports.....	2.3	-3.7	-3.0	-4.8	
Equals: Final sales to domestic purchasers.....	4.1	3.8	3.5	4.0	
Personal consumption expenditures.....	3.1	4.0	3.9	3.1	
Food.....	-1.7	2.5	3.3	2.7	
Energy.....	2.7	-1.3	1.6	-7.0	
Other personal consumption expenditures.....	4.7	5.3	4.5	4.8	
Other.....	5.7	3.6	2.8	5.4	
Nonresidential structures.....	5.0	1.4	2.2	3.3	
Producers' durable equipment.....	1.8	3.1	1.6	2.2	
Residential.....	11.6	4.2	1.0	4.5	
Government purchases.....	5.4	3.9	3.7	6.9	
Plus: Change in business inventories.....					
Equals: Gross domestic purchases.....	4.1	3.8	3.4	3.9	
Addenda:					
Food and energy components of GNP: ¹					
Food components ²	-2.1	1.3	2.7	2.6	
Energy components ³	2.8	.3	1.7	-6.7	
GNP less food components.....	5.2	4.5	3.8	4.7	
GNP less energy components.....	4.3	4.3	3.7	5.1	
GNP less food and energy components.....	5.4	4.8	3.9	5.6	

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

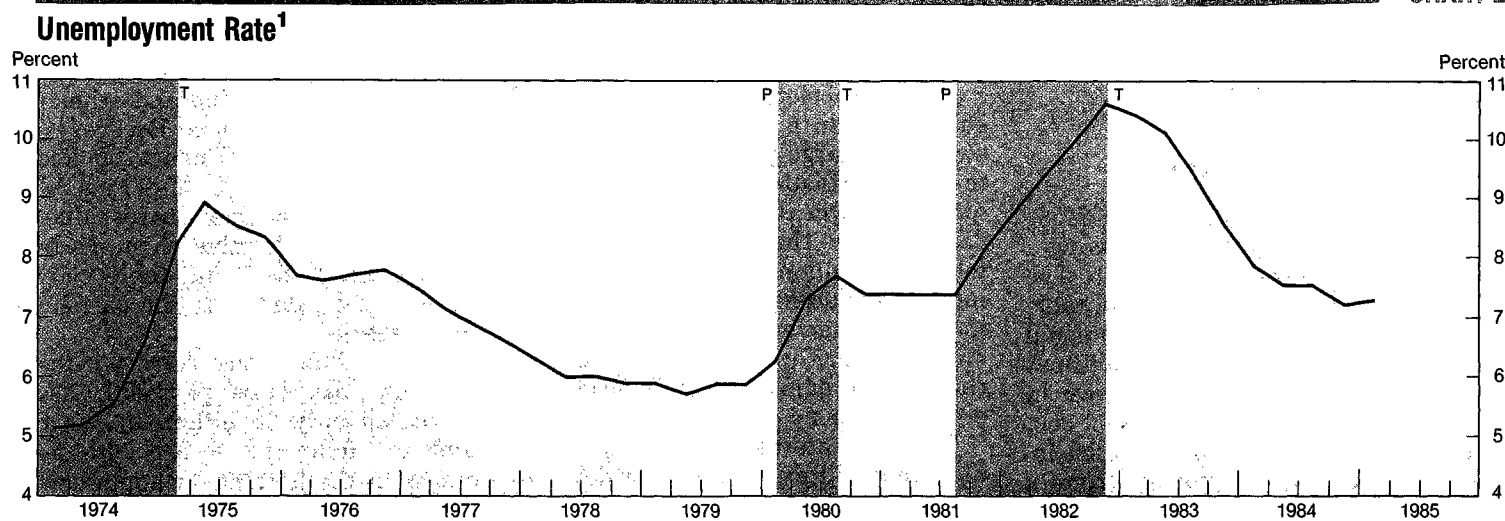
2. Consists of all components for which separate estimates are prepared. The major component that is not included is purchases of food by the Federal Government other than transactions by the Commodity Credit Corporation that are treated like purchases.

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

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

compensation per hour accelerated in the first quarter; increases in Social Security tax rates and taxable wage base—effective January 1—contributed about ½ percentage point to the acceleration. The step-up in compensation, coupled with the falloff in real product, led to a sharp acceleration in unit labor cost in the first quarter.

CHART 2



1. Civilian.
 NOTE.—Business cycle peaks (P), and troughs (T), are turning points in economic activity, as designated by the National Bureau of Economic Research, Inc. Shaded areas represent recessions.
 Data: BLS.
 U.S. Department of Commerce, Bureau of Economic Analysis

Prices.—GNP prices, as measured by the fixed-weighted price index, increased 4½ percent in the first quarter, somewhat more than in the fourth, but within the range of 3½–4½ percent registered in the past several quarters (table 3). A Federal pay raise, which in the national income and product accounts (NIPA's) is treated as an increase in the price of employee services purchased by the Federal Government, accounted for 0.4 percentage point of the first-quarter acceleration in GNP prices.

Changes in the price of GNP, which is U.S. production of goods and services, may be contrasted with changes in the price of gross domestic purchases, which is goods and services bought by U.S. consumers, investors, and government. The exclusion of exports and the inclusion of imports in the price of gross domestic purchases makes this measure useful in analyzing inflation in the United States. (For example, an increase in the price of imported cars that is passed on to the final purchaser will affect the measure of purchases prices, but will be excluded from the measure of production prices.) Over the past 2 years, quarterly increases in the price of gross domestic purchases have been about ½ percentage point below increases in GNP prices.

Prices paid by consumers—PCE prices—were up less than in the fourth quarter. The deceleration was due to a slowdown in the increase in food prices and to a swing to a decline in energy prices, particularly gasoline

prices. The small step-up in other PCE prices can be attributed, in part, to a jump in new car prices. Prices paid by investors for structures—both nonresidential and residential—and for equipment increased more than in the fourth quarter, but remained moderate. Most of the step-up in prices paid by government was accounted for by the Federal pay raise.

Employment and hours.—Employment registered strong gains again in the first quarter—over 700,000 in both the household and the establishment surveys (table 4). Employment as a percent of the working-age popu-

lation increased to a record 60.1 percent. Adult women accounted for most of the first-quarter increase in employment, as their labor force participation rate set another record. The distributive (largely wholesale and retail trade) and services industries continued to register the largest increases in employment; manufacturing employment was flat.

The recent gains in employment have been accompanied by large increases in the civilian labor force. The civilian unemployment rate edged up to 7.3 percent in the first quarter. It has fluctuated between 7.1 and 7.5 percent for almost a year (chart 2).

Table 4.—Selected Labor Market Indicators

[Seasonally adjusted]

	Level					Change from preceding quarter				
	1984				1985	1984				
	I	II	III	IV	I	II	III	IV	I	
Household Survey										
Civilian employment (millions)	103.8	105.0	105.3	106.0	106.7	1.2	0.3	0.7	0.7	0.7
Adult men	55.2	55.6	56.0	56.3	56.3	.4	.4	.3	.3	0
Adult women	42.1	42.8	42.9	43.3	43.8	.7	.1	.4	.5	.5
Teenagers	6.5	6.5	6.4	6.4	6.6	0	-.1	0	.2	.2
Employment-population ratio (percent)	59.0	59.6	59.6	59.8	60.1	.6	0	.2	.3	.3
Unemployment rate	7.9	7.5	7.5	7.2	7.3	-.4	0	-.3	.1	.1
Establishment Survey										
Employment, nonfarm (millions)	92.8	93.8	94.6	95.5	96.2	1.0	.8	.9	.7	.7
Goods producing	24.5	24.9	25.1	25.2	25.3	.4	.2	.1	.1	.1
Durable manufacturing	11.4	11.6	11.7	11.8	11.8	.2	.1	.1	0	0
Nondurable manufacturing	7.9	8.0	8.0	8.0	8.0	.1	0	0	0	0
Other goods producing	5.2	5.3	5.4	5.4	5.5	.1	.1	0	.1	.1
Distributive ¹	26.5	26.8	27.1	27.4	27.7	.3	.3	.4	.3	.3
Services ²	25.9	26.2	26.4	26.8	27.1	.3	.2	.3	.3	.3
Government	15.9	15.9	16.0	16.1	16.1	0	.1	.1	0	0
Average weekly hours:										
Private nonfarm	35.3	35.3	35.3	35.2	35.1	0	0	-.1	-.1	-.1
Manufacturing	40.8	40.8	40.5	40.5	40.3	0	-.3	0	-.2	-.2
Manufacturing overtime	3.5	3.4	3.3	3.4	3.3	-.1	-.1	.1	-.1	-.1

1. Includes transportation and public utilities, wholesale trade, and retail trade.

2. Includes financial and nonfinancial services.

Source: Bureau of Labor Statistics.

Private nonfarm average weekly hours slipped another 0.1 hour in the first quarter. In manufacturing, the decline was 0.2 hour, following no change in the fourth quarter.

Personal Income

Personal income increased \$45½ billion in the first quarter, following a \$49 billion increase in the fourth. The special factors that are shown in table 5 significantly affected personal income in the two quarters. Without these special factors, the slowdown in personal income would have been considerably larger—to a \$36½ billion increase in the first quarter from a \$47½ billion increase in the fourth.

Wage and salary disbursements were up more in the first quarter than in the fourth; about one-half of the step-up was attributable to the \$3½ billion pay raise for Federal employees. Private wages and salaries picked up due to stronger increases in employment and average hourly earnings; average weekly hours again declined. Manufacturing, distributive, and services industries increased

roughly as much as they had in the fourth quarter. A step-up in other commodity-producing industries was concentrated in construction.

Farm proprietors' income dropped sharply after a small increase. The swing was largely due to subsidy payments, particularly deficiency payments for wheat. Subsidies increased \$5 billion in the fourth quarter and fell \$1½ billion in the first. Farm income excluding subsidies was down in both quarters. Nonfarm proprietors' income was up more than in the fourth quarter; retail trade increased after no change.

Personal interest income registered no change, after a sharp slowdown in the fourth quarter. This progressive deceleration reflected the continued effects of a decline in short-term interest rates in the second half of 1984.

Transfer payments were up sharply—\$18 billion—in the first quarter. Military retirement pay included an increase of \$5½ billion, following a decline of the same amount in the fourth quarter, due to a provision of the Deficit Reduction Act of 1984. This provision shifted the payment of benefits scheduled for December 31 to January 1. The impact of this shift on transfer payments was partly offset by a decline in retroactive Social Security benefit payments of \$1 billion, following an increase of \$2½ billion in the fourth quarter. Finally, cost-of-living adjustments added \$8½ billion to benefit payments under Social Security and several other retirement and income-support programs.

Personal contributions for social insurance, which are subtracted in deriving the personal income total, were boosted \$6½ billion by increases in Social Security tax rates and taxable earnings bases. These increases included an increase in the rate for employees from 6.7 percent to 7.05 percent and in the taxable wage base from \$37,800 to \$39,600.

Personal tax and nontax payments were up sharply—\$37½ billion—in the first quarter, largely due to delays in February and March in refund payments of Federal income taxes (table 6). As a result of these delays, refunds—which are deducted in calculating personal tax and nontax payments—were unusually small. Based on preliminary information, the delays amounted to \$27 billion (when put at an annual rate) in the first quarter. Partly offsetting the impact

of the refund delays, personal taxes were lowered \$7 billion due to the indexing of Federal income taxes, effective January 1. (For estimates of the impact of the indexing and other provisions of the Economic Recovery Tax Act of 1981, see "Impact of Recent Tax Law Changes" in this issue.) The increase in personal taxes due to growth in the taxable earnings base, shown as "other" in table 6, was roughly the same as in the past several quarters.

Largely due to the slowdown in tax refunds, disposable personal income increased only \$8 billion in the first quarter, following a \$38 billion increase in the fourth. Without the special factors affecting personal income and taxes, disposable income still would have decelerated sharply—to a \$19½ billion increase from a \$36½ billion increase.

The small increase in disposable personal income, coupled with a sizable one in personal outlays, led to a substantial drop in personal saving in the first quarter. The personal saving rate fell sharply to 4.6 percent from 6.2 percent in the fourth quarter.

The deceleration in disposable personal income carried through to real income. Real disposable personal income declined 2 percent in the first quarter, following an increase of 3½ percent in the fourth. Without the special factors, real income would have been flat in the first quarter, following a 3-percent increase.

Components of Real GNP

Final sales of GNP decelerated more in the first quarter than did GNP (table 7). Changes in most of the components of final sales were affected by factors that may be viewed as

Table 5.—Personal Income and Its Disposition: Change From Preceding Quarter

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

	1984			1985
	II	III	IV	I
Wage and salary disbursements...	37.4	26.3	28.2	35.0
Manufacturing	7.6	4.2	6.0	5.4
Other commodity-producing	3.5	2.1	7.6	10.1
Distributive	10.3	6.9	6.7	5.7
Services	11.4	8.0	9.6	10.6
Government and government enterprises.....	4.6	5.1	4.3	8.6
Proprietors' income.....	-5.2	3.9	5.4	-2.4
Farm	-9.0	3.9	2.1	-7.0
Nonfarm	3.9	.1	3.3	4.6
Personal interest income	21.7	23.7	6.7	.1
Transfer payments.....	3.9	3.4	3.3	17.8
Other income.....	8.6	6.9	7.2	6.1
Less: Personal contributions for social insurance	2.2	1.7	1.8	11.3
Personal income	64.1	62.7	48.9	45.4
Less: Personal tax and nontax payments ¹	12.0	10.5	10.8	37.3
Equals: Disposable personal income	52.1	52.1	38.1	8.1
Less: Personal outlays	59.9	32.8	39.2	50.0
Equals: Personal saving	-7.7	19.3	-1.1	-42.0
Addenda: Special factors in personal income:				
Federal pay raise.....	.1			3.6
Agricultural subsidies.....	-17.3	-8	4.8	-1.5
Military retirement pay.....			-5.6	5.6
Social Security retroactive payments .....	.5	-1.2	2.4	-1.0
Cost-of-living increases in Federal transfer payments.....	.3	.1		8.4
Social Security base and rate changes (in personal contributions for social insurance).....				6.3

1. For more information on personal tax and nontax payments, see table 6.

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

Table 6.—Personal Tax and Nontax Payments: Change From Preceding Quarter

[Billions of dollars, seasonally adjusted at annual rates]

	1984			1985
	II	III	IV	I
Personal tax and nontax payments ..	12.0	10.5	10.8	37.3
Federal.....	9.1	9.0	8.3	34.2
Impact of legislation ¹	-2.0	2.4	-1.0	-3.3
Indexing of income taxes				-6.9
Refunds slowdown				27.0
Other	11.1	6.6	9.3	10.5
State and local	2.9	1.6	2.6	3.1
Impact of legislation .....	.1	-1.3	-.4	-.3
Other	2.8	2.9	3.0	3.4

1. For more information on the impact of legislation on Federal receipts, see "Impact of Recent Tax Law Changes" in this issue of the Survey.

transitory. PCE continued to increase, but weakened late in the quarter; part of this weakness may have reflected the effect of the slowdown in tax refunds. A deceleration in nonresidential fixed investment was largely due to a drop in computer purchases, which tend to be erratic. Changes in net exports have been particularly sharp in recent quarters, primarily due to imports; part of the large first-quarter increase in imports may have been a rebound from the unexpected drop in the fourth quarter. A pause in government purchases was largely in national defense purchases, which tend to fluctuate sharply.

Business inventories continued to register substantial increases. Despite these increases, from an historical perspective inventory-sales ratios do not appear to be out of line.

Personal consumption expenditures

Real PCE increased 4½ percent in the first quarter, about 1 percentage point more than in the fourth. The strength was in the first part of the quarter; PCE slipped in March. The slip may have reflected, to some extent, the slowdown in disposable income due to the delay in tax refunds. Some other indicators related to PCE were favorable in the first quarter; for example, the Conference Board's consumer confidence index rebounded to high levels in January and February after a drop in December, and employment increased strongly.

All of the major components of PCE—durables, nondurables, and services—contributed to the first-quarter increase. The slight acceleration was largely attributable to nondurables, which increased moderately after changing little in the fourth quarter.

Durables again increased, but less than in the fourth quarter. Motor vehicles and parts were up more in the first quarter than in the fourth, due to an acceleration in truck purchases. Furniture and household equipment and other durables increased much less than in the fourth quarter.

Nondurables increased after a slight decline in the fourth quarter. Each category increased: Food and energy, after declines; clothing and shoes, after an increase; and other nondurables, after changing little.

Services were up slightly more than in the fourth quarter. Electricity and gas purchases increased sharply following a decrease; the pattern reflected the effects of unseasonable weather on heating expenditures. In the fourth quarter, the weather was mild in the Eastern part of the country; in the early part of the first quarter, severe cold was widespread. Other services continued to increase moderately.

Nonresidential fixed investment

Real nonresidential fixed investment (NRFI) increased 3½ percent in the first quarter, following an 8½-percent increase in the fourth, as a small decline in producers' durable equipment (PDE) was more than offset by another strong increase in structures.

Table 7.—Real GNP: Change From Preceding Quarter

	1984			1985
	II	III	IV	I
GNP.....	7.1	1.6	4.3	1.3
Final sales.....	10.3	-1.0	7.9	.4
Personal consumption expenditures.....	7.9	.7	3.6	4.7
Durables.....	12.0	-3.6	14.1	6.9
Motor vehicles and parts ..	10.8	-11.5	5.7	8.2
Furniture and household equipment.....	14.1	3.8	21.6	6.2
Other durables.....	9.7	-1.1	17.3	5.5
Nondurables.....	10.3	-1.2	-5	4.2
Food.....	8.5	4.2	-1.9	5.2
Energy ¹	-1.3	-2.4	-5.7	6.3
Clothing and shoes.....	22.1	-12.1	4.2	1.9
Other nondurables.....	5.4	.7	-.3	3.5
Services.....	4.6	3.8	3.3	4.4
Energy ²	13.4	-6.0	-3.7	14.9
Other services.....	4.1	4.4	3.7	3.9
Gross private domestic fixed investment.....	16.2	9.3	5.3	2.5
Nonresidential.....	21.3	13.7	8.5	3.5
Structures.....	21.3	2.0	17.2	16.2
Producers' durable equipment.....	21.2	18.6	5.4	-1.2
Autos and trucks.....	42.7	9.7	-3.8	17.6
Other.....	16.4	20.9	7.8	-5.4
Residential.....	1.2	-4.6	-5.5	-.8
Net exports of goods and services.....				
Exports.....	-5	7.5	-7	-8.2
Merchandise.....	-4	7.4	14.8	-4.2
Agricultural.....	-38.3	7.2	64.3	-21.2
Nonagricultural.....	12.1	7.5	5.3	.5
Other.....	-5	7.6	-17.8	-13.4
Imports.....	8.0	55.5	-28.3	26.1
Merchandise.....	-5.6	73.3	-34.7	47.3
Petroleum.....	31.1	-6.0	-6.6	-47.3
Nonpetroleum.....	-7.2	78.5	-35.8	54.0
Other.....	53.1	18.1	-8.9	-16.2
Government purchases of goods and services.....	18.6	5.4	5.9	.2
Federal.....	45.2	6.2	15.2	-.8
National defense.....	12.2	-2.3	17.5	-2.4
Nondefense.....	217.5	31.7	9.9	3.4
Commodity Credit Corporation.....				
Other.....	-4.9	6.3	14.2	1.5
State and local.....	3.7	4.8	-.2	.9
Change in business inventories.....				

1. Gasoline and oil, and fuel oil and coal.
2. Electricity and gas.

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in tables 1.2, 1.15, 1.17, 3.8B, and 4.4.

Structures increased 16 percent in the first quarter, about the same increase as in the fourth. As in the fourth quarter, most of the strength was in commercial buildings, both offices and other commercial.

PDE, which had slowed sharply, to a 5½-percent rate of increase in the fourth quarter, declined 1 percent—the first decline since the recession trough at the end of 1982. The first-quarter decline was in PDE other than motor vehicles, especially computers.

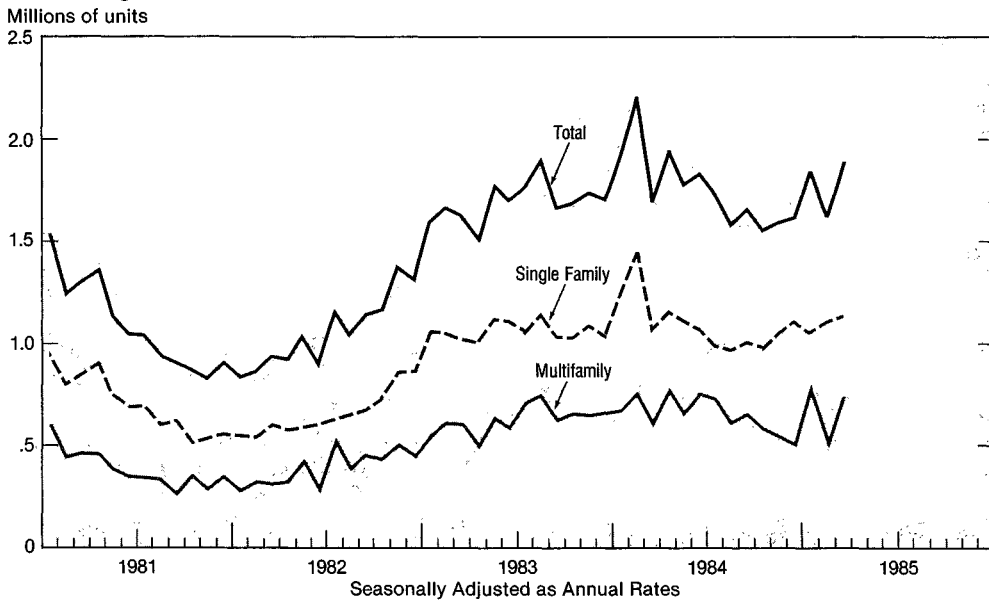
Recent sharp changes in imports of capital goods have raised concerns that quarterly estimates of PDE, which include imported equipment, may fail to capture imports fully. An analysis of the first-quarter change in PDE that was carried out at a greater than usual level of detail showed that the change in imports included in it is consistent with the change in imports of capital goods, an end-use commodity category, in net exports. This result indicates that the first-quarter change in PDE is not understated because of imports.

In the first quarter, as on occasion in the past, BEA used two, largely independent, procedures in estimating NRFI. The use of the two procedures helped ensure that the estimate captured fully both domestic and imported PDE, although that was not the only reason the two procedures were used.

The first procedure measures activities of the suppliers of capital goods. Construction is measured as the value put in place. PDE other than motor vehicles is measured using an abbreviated version of what is often called the commodity flow procedure. In this procedure, manufacturers' shipments of capital goods are adjusted to exclude exports and purchases by government, and imports are added. The estimate of imports is prepared in two parts. The first is for a group of PDE categories for which imports are a sizable share of purchases. For this group, the percentage of the corresponding import end-use commodity category that is capital equipment is assumed to have remained constant within each category since 1972. For example, the content of, say, the communications equipment category is assumed to have remained constant in terms of equipment, which is to be included in PDE, and parts, which are to be excluded because they are to be

CHART 3

Housing Starts



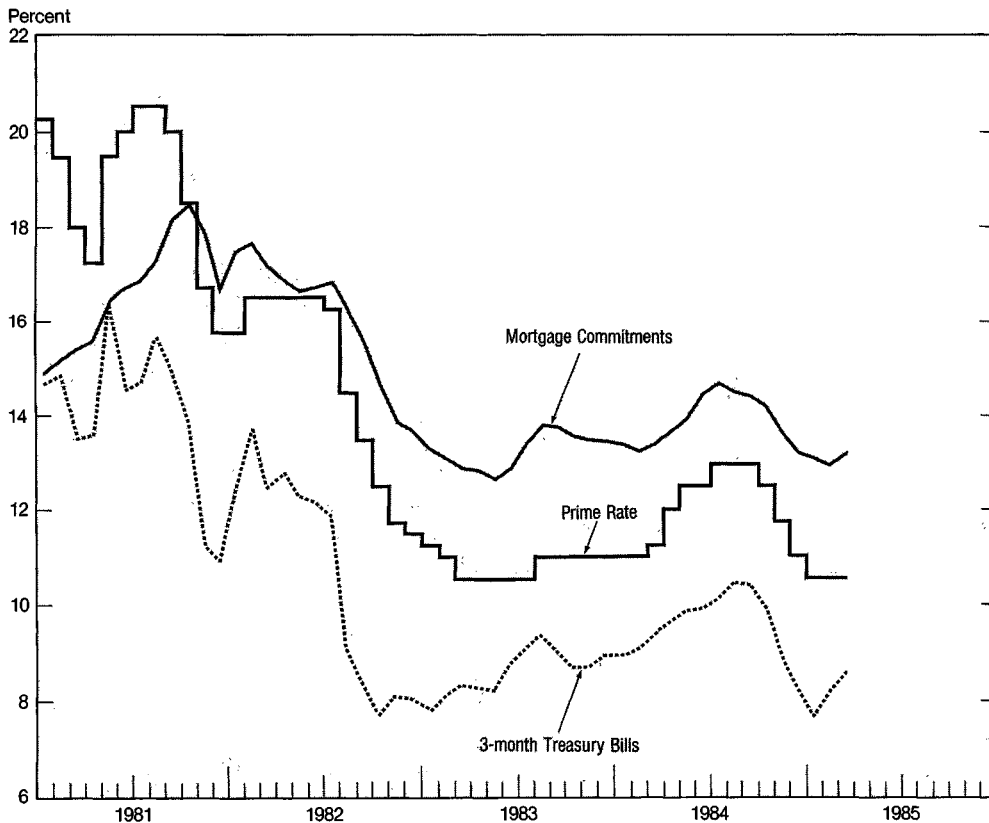
Data: Census.
U.S. Department of Commerce, Bureau of Economic Analysis

used in further production. The second part is for a group of PDE categories for which imports are a smaller share of purchases. For this group, imports are assumed to increase at the same rate as manufacturers' shipments. To the extent that these assumptions are incorrect, estimates based on this procedure may miss the mark.

The second procedure, based on BEA's plant and equipment (P&E) survey, measures expenditures by purchasers of capital, regardless of whether the items purchased are domestically produced or imported. However, the first-quarter P&E expenditure estimates (described elsewhere in this issue) are businesses' planned, not actual, expenditures; to the extent that an assumption that plans will be realized is incorrect, estimates based on this procedure may miss the mark.

For the first quarter, the first procedure implies that NRFI changed little; the second procedure implies a strong increase. Presumably, this difference reflects, among other things: time lags between shipments (in the commodity flow procedure) and expenditures (in the P&E survey); differences in the coverage of the data sources on which the two procedures are based; changes over time in the capital goods content of various import categories; and expenditures that were planned for the first quarter, but not made.

Selected Interest Rates



Data: FRB, FHLMC.
U.S. Department of Commerce, Bureau of Economic Analysis

Residential investment

Real residential investment was flat in the first quarter, following declines averaging 5 percent in the second half of 1984. A drop in multifamily construction offset increases in single-family construction and in the group of components that includes additions and alterations, brokers' commissions on the sales of new and existing residences, and mobile home sales.

Starts of one-family structures had turned up in September and continued to move irregularly higher through March (chart 3). Starts were spurred by improving sales—especially sales of existing single-family homes, which increased 7 percent (not

74-3

85-4-4

Table 8.—Change in Business Inventories
[Billions of 1972 dollars; seasonally adjusted at annual rates]

	Level					Change from preceding quarter			
	1984				1985	1984			1985
	I	II	III	IV	I	II	III	IV	I
Change in business inventories.....	31.6	20.3	30.6	16.8	20.7	-11.3	10.3	-13.8	3.9
Farm.....	5.4	1.6	4.1	4.8	3.0	-3.8	2.5	.7	-1.8
Nonfarm.....	26.2	18.7	26.5	12.0	17.8	-7.5	7.8	-14.5	5.8
Manufacturing.....	9.1	13.8	13.0	-.1	4.5	4.7	-.3	-13.1	4.6
Wholesale trade.....	4.8	5.3	9.5	3.9	1.5	.5	4.2	-5.6	-2.4
Retail trade.....	11.4	1.7	2.5	8.1	10.4	-9.7	.8	5.6	2.3
Other.....	.9	-2.1	1.5	.1	1.2	-3.0	3.6	-1.4	1.1

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

an annual rate) from September to February. Improved sales, in turn, reflected declining mortgage interest rates; the commitment rate dropped 1.75 percentage points from July to February before moving slightly higher in March (chart 4).

The first-quarter decline in multifamily construction reflected the general decline in multifamily starts in the second half of last year. Starts increased sharply—23 percent (not an annual rate)—in the first quarter, but, because construction lags starts, first-quarter multifamily construction was affected little.

The size of the first-quarter increase in multifamily starts is somewhat surprising. Rental vacancy rates had increased markedly in the last half of 1984; at 6.3 percent in the fourth quarter, the rate was higher than at any time in almost 10 years. Also indicative of possible excess capacity in the multifamily sector, the percentage of new apartments that were rented within 3 months of completion had dropped rather steadily to 63 percent in the third quarter. Moreover, the possibility of tax law changes added uncertainty to the multifamily market.

Change in business inventories

Real business inventories again accumulated at a substantial pace in the first quarter—up \$20½ billion, following an increase of \$17 billion in the fourth quarter (table 8). More than one-third of both increases were accounted for by motor vehicle inventories, which were up \$6½ billion in the fourth quarter and \$8 billion in the first, as automakers continued to

build inventories from a low level at the beginning of the 1985 model year. Farm inventories also accumulated in both quarters, but were up a little less in the first.

Nonfarm inventories other than motor vehicles increased \$9½ billion in the first quarter, compared with \$5½ billion in the fourth. The step-up was mainly accounted for by a swing in nondurable manufacturing from a decline to an increase. Also, nondurable retail inventories, particularly apparel, were up more than in the fourth quarter. The rate of inventory accumulation in both durable and nondurable wholesale inventories continued to drop.

Largely due to the first-quarter slowdown in final sales, the ratio of total inventories to total final sales moved up from 3.05 to 3.09. Although at the upper end of the range within which it has fluctuated over the past 2 years, the ratio remained well below its average for 1972–82.

Net exports

Real net exports registered a sharp decline—\$12½ billion—to negative \$26 billion, following an increase of \$13½ billion in the fourth quarter. The swing was concentrated in merchandise trade, primarily in imports; services changed little, following a decline.

Exports declined \$3 billion, following a slight decline in the fourth quarter. The deterioration was mainly accounted for by agricultural exports, which declined \$1 billion after a \$2 billion increase; nonagricultural merchandise exports changed little after a small increase. In services, invest-

ment income receipts declined a little less than in the fourth quarter, reflecting lower interest rates and some reduction in bank lending abroad.

Imports increased sharply—\$9½ billion—after a \$14 billion decline. Nonpetroleum merchandise imports continued to register large changes, recouping practically all of a \$13 billion drop in the fourth quarter. The pattern was discernable in all of the major end-use categories: Autos, consumer goods, and foods, feeds, and beverages more than made up fourth-quarter declines; capital goods other than autos, industrial materials and supplies, and other goods made up much of their declines. Petroleum imports fell sharply in the first quarter, following little change in the fourth. In services, investment income payments declined more than in the fourth quarter, reflecting lower interest rates.

Government purchases

Real government purchases registered no change, following a strong increase in the fourth quarter. The slowdown was concentrated in Federal defense purchases, which had increased sharply in the fourth quarter.

Table 9.—Federal Receipts and Expenditures, NIPA Basis: Change From Preceding Quarter

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

	1984			1985
	II	III	IV	I
Receipts.....	17.9	2.0	15.7	n.a.
Personal tax and nontax receipts.....	9.1	9.0	8.3	34.2
Corporate profits tax accruals.....	2.6	-10.3	3.8	n.a.
Indirect business tax and nontax accruals.....	1.8	.2	-.2	.5
Contributions for social insurance.....	4.4	3.1	3.8	16.4
Expenditures.....	20.4	18.9	32.9	15.3
Purchases of goods and services.....	28.8	5.7	13.7	4.5
National defense.....	7.4	-.5	11.3	2.9
Nondefense.....	21.4	6.1	2.4	1.6
Transfer payments.....	2.4	3.8	6.5	11.8
Grants-in-aid to State and local governments.....	2.6	-1.1	4.9	.5
Net interest paid.....	3.2	11.1	4.5	.4
Subsidies less current surplus of government enterprises.....	-16.7	-1.2	4.3	-2.2
Less: Wage accruals less disbursements.....	0	-.6	.9	-.4
Surplus or deficit (-), national income and product accounts.....	-2.5	-16.9	-17.2	n.a.

n.a. Not available.

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

National defense purchases often fluctuate sharply from quarter to quarter, partly because these purchases—which include such large-ticket items as aircraft and missiles—are recorded in the NIPA's on a delivery basis, that is, when goods and services are delivered to the military. The timing of these deliveries tends to be erratic. Federal nondefense purchases were up a little less than in the fourth quarter. State and local government purchases again changed little.

The Federal sector.—Changes in current-dollar Federal receipts and expenditures on a NIPA basis are shown in table 9. Among expenditures, purchases—mainly defense purchases—were up much less than in the fourth quarter. Interest paid increased less than in the fourth quarter, reflecting the continued effects of the earlier decline in interest rates.

Grants-in-aid to State and local governments also increased less than in the fourth quarter. Transfer payments were up considerably more in the first quarter, mainly due to the shift in the timing of military retirement pay and the cost-of-living increases. A swing from an increase to a decline in subsidies less the current surplus of government enterprises can largely be traced to agricultural subsidies. Changes in these components, along with a small change in wage accruals less disbursements, sum to an increase of \$15½ billion in total expenditures, about one-half as much as the increase in the fourth quarter.

Among receipts, the jump in personal tax and nontax payments was largely due to the delays in income tax refund payments. The sizable increase in contributions for social insurance reflected the changes in the

tax rate and taxable earnings base. Indirect business taxes again changed little. Estimates of corporate profits, and, thus, of corporate profits tax accruals, are not yet available. Corporate profits tax accruals can be approximated by using a residual calculation of corporate profits that assumes that the statistical discrepancy in the NIPA's was the same as in the preceding quarter. On the basis of this calculation, total receipts increased about \$50 billion in the first quarter.

An increase of this size in receipts would substantially exceed that in expenditures, and the deficit on a NIPA basis would be about \$35 billion lower than the \$198 billion deficit in the fourth quarter. If the delay in refunds is excluded from this calculation, the deficit would be about \$10 billion lower than in the fourth quarter.

***Comprehensive Revision of
the National Income
and Product Accounts***

A comprehensive revision of the national income and product accounts is underway. It will incorporate benchmark data, such as the 1977 economic censuses; improved adjustments for misreporting of tax return information; and information from a variety of other sources. All series in the accounts will be revised back to 1973, and some will be revised for earlier years. Preliminary estimates for 1977 appeared in the May 1984 SURVEY OF CURRENT BUSINESS and the improved adjustments for misreporting of tax return information were described in the June 1984 SURVEY. The current schedule calls for completing the revision in December 1985.

The revision of the estimates for 1982-84 that would customarily be published this July will be combined with the December revision. However, selected national income and product account tables with detailed annual estimates for 1984 (on an unrevised basis) will appear in the July 1985 SURVEY.

National Income and Product Accounts Tables

New estimates in this issue: First quarter 1985, preliminary; for corporate profits and related items, fourth quarter and annual 1984, revisions. Corrections for 1984 annual fixed-weighted price index appear in table 7.2; corrections for 1984 annual percent change for fixed-weighted and chain price index appear in table 8.1; these corrections apply to the GNP and some of the GNP components.

The abbreviations used in the tables are: CCAj Capital consumption adjustment
 IVA Inventory valuation adjustment
 NIPA's National income and product accounts
 p Preliminary
 r Revised

The NIPA estimates for 1929-76 are in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables* (Stock No. 003-010-00101-1, price \$10.00). Estimates for 1977-79 and corrections for earlier years are in the July 1982 SURVEY; estimates for 1980 and corrections for earlier years are in the July 1983 SURVEY; estimates for 1981-83 and corrections for earlier years are in the July 1984 SURVEY. Summary NIPA Series, 1952-83, are in the August 1984 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							
	1983	1984	Seasonally adjusted at annual rates						1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985			1983	1984	1985			
				IV	I	II	III						IV	I ^p	IV	I	II	III	IV	I^{p}
Gross national product	3,304.8	3,662.8	3,431.7	3,553.3	3,644.7	3,694.6	3,758.7	3,819.9	1,534.7	1,639.3	1,572.7	1,610.9	1,638.8	1,645.2	1,662.4	1,668.0
Personal consumption expenditures	2,155.9	2,341.8	2,230.2	2,276.5	2,332.7	2,361.4	2,396.5	2,442.8	1,009.2	1,062.4	1,032.4	1,044.1	1,064.2	1,065.9	1,075.4	1,087.9
Durable goods.....	279.8	318.8	299.8	310.9	320.7	317.2	326.3	333.1	157.5	178.0	167.2	173.7	178.6	177.0	182.9	186.0
Nondurable goods.....	801.7	856.9	823.0	841.3	858.3	861.4	866.5	877.9	376.3	393.5	383.2	387.1	396.6	395.5	395.0	399.1
Services.....	1,074.4	1,166.1	1,107.5	1,124.4	1,153.7	1,182.8	1,203.8	1,231.8	475.4	490.8	482.0	483.4	488.9	493.5	497.5	502.9
Gross private domestic investment	471.6	637.8	540.0	623.8	627.0	662.8	637.8	657.4	221.0	289.9	249.5	285.5	283.9	300.2	289.9	295.5
Fixed investment.....	485.1	579.6	527.3	550.0	576.4	591.0	601.1	610.8	224.6	265.1	242.2	253.9	263.7	269.6	273.1	274.8
Nonresidential.....	325.9	425.7	383.9	389.8	402.8	435.7	447.7	455.9	171.0	204.9	184.5	193.3	202.9	209.5	213.8	215.6
Structures.....	129.7	150.4	136.6	142.2	150.0	151.4	157.9	164.5	49.2	56.9	51.4	54.1	56.8	57.1	59.4	61.7
Producers' durable equipment.....	223.2	275.3	247.3	256.7	270.7	284.2	289.7	291.4	121.8	148.0	133.1	139.2	146.0	152.4	154.4	154.0
Residential.....	132.2	153.9	143.4	151.2	155.6	155.3	153.5	155.0	53.7	60.2	57.8	60.6	60.8	60.1	59.2	59.1
Nonfarm structures.....	127.6	148.8	138.7	146.4	150.5	150.1	148.3	149.7	51.2	57.5	55.2	58.0	58.1	57.3	56.5	56.3
Farm structures.....	1.0	1.1	.9	.9	1.0	1.2	1.0	1.0	.4	.4	.4	.4	.4	.5	.4	.4
Producers' durable equipment.....	3.6	4.0	3.8	3.9	4.1	4.0	4.1	4.2	2.1	2.3	2.2	2.2	2.3	2.3	2.4	2.4
Change in business inventories.....	-13.5	58.2	12.7	73.8	50.6	71.8	36.6	46.6	-3.6	24.8	7.2	31.6	20.3	30.6	16.8	20.7
Nonfarm.....	-3.1	49.6	14.1	60.6	47.0	63.7	27.2	40.5	.6	20.9	7.0	26.2	18.7	26.5	12.0	17.8
Farm.....	-10.4	8.6	-1.4	13.2	3.5	8.1	9.4	6.2	-4.2	4.0	.2	5.4	1.6	4.1	4.8	3.0
Net exports of goods and services	-8.3	-64.2	-29.8	-51.5	-58.7	-90.6	-56.0	-73.0	12.6	-15.0	2.0	-8.3	-11.4	-27.0	-13.4	-26.1
Exports.....	336.2	364.3	346.1	358.9	362.4	368.6	367.2	361.4	139.5	146.0	141.0	144.9	144.7	147.4	147.1	144.0
Imports.....	344.4	428.5	375.9	410.4	421.1	459.3	423.2	434.4	126.9	161.1	139.1	153.2	156.2	174.4	160.5	170.1
Government purchases of goods and services	685.5	747.4	691.4	704.4	743.7	761.0	780.5	792.6	291.9	302.1	288.8	289.5	302.1	306.1	310.5	310.6
Federal.....	269.7	295.4	266.3	267.6	296.4	302.0	315.7	320.2	116.2	122.5	113.0	112.2	123.2	125.0	129.6	129.3
National defense.....	200.5	221.5	207.2	213.4	220.8	220.3	231.6	234.5	84.7	89.6	86.3	87.1	89.6	89.1	92.7	92.2
Nondefense.....	69.3	73.9	59.1	54.2	75.6	81.7	84.1	85.7	31.5	32.9	26.7	25.2	33.6	36.0	36.8	37.1
State and local.....	415.8	452.0	425.1	436.8	447.4	458.9	464.8	472.5	175.7	179.6	175.8	177.3	178.9	181.1	180.9	181.3

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

	Billions of dollars								Billions of 1972 dollars							
	1983	1984	Seasonally adjusted at annual rates						1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985			1983	1984	1985			
				IV	I	II	III						IV	I ^p	IV	I	II	III	IV	I^{p}
Gross national product	3,304.8	3,662.8	3,431.7	3,553.3	3,644.7	3,694.6	3,758.7	3,819.9	1,534.7	1,639.3	1,572.7	1,610.9	1,638.8	1,645.2	1,662.4	1,668.0
Final sales.....	3,318.3	3,604.6	3,419.0	3,479.5	3,594.1	3,622.8	3,722.1	3,773.3	1,538.3	1,614.5	1,565.4	1,579.3	1,618.5	1,614.6	1,645.6	1,647.3
Change in business inventories.....	-13.5	58.2	12.7	73.8	50.6	71.8	36.6	46.6	-3.6	24.8	7.2	31.6	20.3	30.6	16.8	20.7
Goods	1,355.7	1,543.0	1,423.9	1,498.0	1,544.8	1,549.2	1,579.8	1,590.9	688.6	764.5	715.5	744.9	767.4	766.8	778.8	776.4
Final sales.....	1,369.2	1,484.8	1,411.2	1,424.2	1,494.2	1,477.4	1,543.2	1,544.3	692.2	739.6	708.2	713.3	747.1	736.1	762.0	755.7
Change in business inventories.....	-13.5	58.2	12.7	73.8	50.6	71.8	36.6	46.6	-3.6	24.8	7.2	31.6	20.3	30.6	16.8	20.7
Durable goods.....	555.3	655.7	607.4	632.3	647.9	654.7	687.7	673.9	295.6	341.6	318.6	331.1	339.5	340.2	355.4	346.3
Final sales.....	557.5	625.3	592.9	597.5	629.7	613.1	661.0	647.8	296.1	328.4	311.9	316.4	331.4	322.4	343.4	334.7
Change in business inventories.....	-2.1	30.4	14.5	34.9	18.2	41.7	26.7	26.1	-5.5	13.2	6.6	14.7	8.1	17.8	12.0	11.6
Nondurable goods.....	800.4	887.3	816.5	865.7	896.9	894.4	892.1	917.0	392.9	422.9	396.9	413.8	427.9	426.5	423.5	430.1
Final sales.....	811.7	859.5	818.3	826.8	864.6	864.3	882.2	896.5	396.1	411.2	396.3	396.9	415.7	413.7	418.6	421.0
Change in business inventories.....	-11.3	27.8	-1.7	38.9	32.4	30.1	9.9	20.5	-3.2	11.7	.6	16.9	12.2	12.8	4.8	9.1
Services	1,639.3	1,763.3	1,681.3	1,713.7	1,742.6	1,783.3	1,813.7	1,856.4	723.2	736.7	728.7	731.4	732.9	739.0	743.6	750.0
Structures	309.8	356.5	326.5	341.6	357.2	362.1	365.2	372.5	122.9	138.1	128.5	134.6	138.5	139.4	140.0	141.5
Addenda:																
Gross domestic purchases ¹	3,313.1	3,727.0	3,461.5	3,604.8	3,703.4	3,785.2	3,814.8	3,892.9	1,522.1	1,654.4	1,570.7	1,619.2	1,650.2	1,672.2	1,675.8	1,694.1
Final sales to domestic purchasers ¹	3,326.5	3,668.8	3,448.8	3,531.0	3,652.8	3,713.4	3,778.1	3,846.3	1,525.7	1,629.5	1,563.4	1,587.6	1,629.9	1,641.6	1,659.0	1,673.3

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							
	1983	1984	Seasonally adjusted at annual rates						1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985			1983	1984				1985
				IV	I	II	III					IV	I ^P	IV	I		II	III	IV	I^{P}
Gross national product	3,304.8	3,662.8	3,431.7	3,553.3	3,644.7	3,694.6	3,758.7	3,819.9	1,534.7	1,639.3	1,572.7	1,610.9	1,638.8	1,645.2	1,662.4	1,668.0
Gross domestic product	3,256.5	3,619.2	3,384.1	3,505.7	3,602.6	3,650.1	3,718.6	3,780.0	1,512.1	1,619.7	1,550.7	1,589.2	1,619.8	1,625.3	1,644.6	1,650.5
Business.....	2,790.8	3,120.5	2,906.8	3,017.2	3,106.8	3,148.5	3,209.4	3,259.8	1,307.8	1,413.9	1,345.7	1,384.0	1,414.1	1,419.5	1,438.1	1,443.5
Nonfarm.....	2,728.9	3,049.0	2,854.3	2,943.4	3,037.5	3,078.0	3,137.0	3,192.9	1,273.8	1,377.6	1,316.3	1,347.5	1,380.1	1,383.5	1,399.2	1,405.5
Nonfarm less housing.....	2,434.7	2,725.7	2,550.2	2,632.8	2,718.8	2,750.3	2,801.1	2,849.3	1,130.6	1,228.8	1,171.2	1,200.9	1,232.1	1,233.9	1,248.1	1,252.9
Housing.....	294.2	323.2	304.1	310.6	318.7	327.7	335.9	343.5	143.2	148.8	145.1	146.5	148.0	149.6	151.1	152.6
Farm.....	61.5	78.9	57.3	71.6	78.3	83.5	82.3	76.8	33.8	39.7	31.6	35.6	38.1	41.8	43.3	42.4
Statistical discrepancy.....	.5	-7.4	-4.8	2.2	-9.0	-13.0	-9.9	-9.9	.2	-3.3	-2.2	1.0	-4.1	-5.9	-4.4	-4.4
Households and institutions.....	116.5	123.5	119.6	121.0	123.1	123.8	126.0	127.9	47.3	47.8	47.5	47.6	47.9	47.7	48.2	48.6
Private households.....	7.8	8.1	7.9	7.9	8.0	8.1	8.3	8.4	3.3	3.4	3.3	3.4	3.4	3.4	3.5	3.5
Nonprofit institutions.....	108.7	115.4	111.8	113.1	115.1	115.7	117.8	119.5	44.0	44.4	44.2	44.2	44.5	44.3	44.8	45.0
Government.....	349.2	375.3	357.7	367.4	372.7	377.7	383.2	392.3	157.0	158.0	157.5	157.8	158.1	158.1	158.3	158.5
Federal.....	107.8	114.6	109.5	113.8	114.4	114.7	115.3	119.1	51.3	51.9	51.7	51.8	51.9	52.0	52.0	52.0
State and local.....	241.4	260.7	248.2	253.6	258.3	263.0	267.8	273.3	105.7	106.1	105.8	105.8	105.9	106.2	106.3	106.5
Rest of the world.....	48.3	43.6	47.7	47.6	42.1	44.5	40.2	39.8	22.5	19.6	21.9	21.6	19.0	19.9	17.8	17.4
Addendum:																
Gross domestic business product less housing.....	2,487.7								1,163.5							

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

	Billions of dollars							
	1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
Gross national product	3,304.8	3,662.8	3,431.7	3,553.3	3,644.7	3,694.6	3,758.7	3,819.9
Less:								
Capital consumption allowances with CCAAdj.....	377.1	403.3	386.4	391.8	400.0	406.9	414.4	422.1
Capital consumption allowances.....	367.2	417.3	387.8	398.6	410.3	423.1	437.2	452.1
Less: CCAAdj.....	-9.9	14.1	1.4	6.8	10.3	16.3	22.9	30.0
Equals: Net national product	2,927.7	3,259.6	3,045.4	3,161.5	3,244.7	3,287.7	3,344.4	3,397.8
Less:								
Indirect business tax and nontax liability.....	280.4	304.0	290.1	295.5	301.3	306.6	312.5	318.0
Business transfer payments.....	15.6	17.3	16.2	16.7	17.1	17.5	18.0	18.5
Statistical discrepancy.....	.5	-7.4	-4.8	2.2	-9.0	-13.0	-9.9	
Plus: Subsidies less current surplus of government enterprises.....	15.6	14.2	22.6	26.4	9.6	8.4	12.6	10.3
Equals: National income	2,646.7	2,959.9	2,766.5	2,873.5	2,944.8	2,984.9	3,036.3	
Less:								
Corporate profits with IVA and CCAAdj.....	225.2	285.7	260.0	277.4	291.1	282.8	291.6	
Net interest.....	256.6	284.1	258.9	266.8	282.8	293.5	293.4	288.8
Contributions for social insurance.....	272.7	306.0	281.0	298.9	304.2	308.1	312.7	330.1
Wage accruals less disbursements.....	-4	.1	0	.2	.2	-4	.5	.1
Plus:								
Government transfer payments to persons.....	389.3	399.4	392.5	394.7	398.1	401.0	403.8	421.1
Personal interest income.....	376.3	483.7	388.2	403.9	425.6	449.3	456.1	456.2
Personal dividend income.....	70.3	77.7	72.8	75.0	77.2	78.5	80.2	81.4
Business transfer payments.....	15.6	17.3	16.2	16.7	17.1	17.5	18.0	18.5
Equals: Personal income	2,744.2	3,012.1	2,836.5	2,920.5	2,984.6	3,047.3	3,096.2	3,141.6

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

	[Billions of dollars]							
	1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
Gross national product	1,534.7	1,639.3	1,572.7	1,610.9	1,638.8	1,645.2	1,662.4	1,668.0
Less: Capital consumption allowances with.....	168.1	175.2	170.6	172.2	174.1	176.0	178.5	180.5
Equals: Net national product	1,366.6	1,464.1	1,402.0	1,438.7	1,464.7	1,469.2	1,484.0	1,487.5
Less:								
Indirect business tax and nontax liability business transfer payments less subsidies plus current surplus of government enterprises.....	151.8	159.0	155.9	157.9	158.9	159.1	160.0	161.4
Statistical discrepancy.....	.2	-3.3	-2.2	1.0	-4.1	-5.9	-4.4	
Equals: National income	1,214.5	1,308.5	1,248.4	1,279.8	1,309.9	1,331.6	1,328.4	

Table 1.11.—National Income by Type of Income

	Billions of dollars							
	1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
National income	2,646.7	2,959.9	2,766.5	2,873.5	2,944.8	2,984.9	3,036.3	
Compensation of employees	1,984.9	2,173.2	2,055.4	2,113.4	2,159.2	2,191.9	2,228.1	2,272.7
Wages and salaries.....	1,658.8	1,804.1	1,715.4	1,755.9	1,793.3	1,819.1	1,848.2	1,882.8
Government and government enterprises.....	327.7	349.9	335.0	342.9	347.5	352.0	357.2	365.5
Other.....	1,331.1	1,454.2	1,380.4	1,413.0	1,445.8	1,467.1	1,490.9	1,517.3
Supplements to wages and salaries.....	326.2	369.0	340.0	357.4	365.9	372.8	380.0	389.9
Employer contributions for social insurance.....	153.1	173.5	157.9	169.4	172.4	174.7	177.5	183.6
Other labor income.....	173.1	195.5	182.1	188.1	193.5	198.1	202.5	206.3
Proprietors' income with IVA and CCAAdj	121.7	154.4	131.9	154.9	149.8	153.7	159.1	156.7
Farm.....	13.8	28.2	17.3	32.5	23.4	27.3	29.4	22.4
Proprietors' income with IVA.....	22.1	36.4	25.7	40.7	31.7	35.5	37.6	30.6
CCAAdj.....	-8.4	-8.2	-8.3	-8.3	-8.3	-8.2	-8.2	-8.2
Nonfarm.....	107.9	126.2	114.6	122.5	126.3	126.4	129.7	134.4
Proprietors' income.....	100.4	114.5	105.5	112.4	115.0	113.8	116.7	120.0
IVA.....	-8	-4	-7	-1.2	-4	.1	-2	-3
CCAAdj.....	8.3	12.2	9.7	11.2	11.8	12.5	13.2	14.7
Rental income of persons with CCAAdj	58.3	62.5	60.4	61.0	62.0	63.0	64.1	65.2
Rental income of persons.....	96.6	103.0	99.1	99.9	102.5	104.2	105.5	107.4
CCAAdj.....	-38.3	-40.5	-38.7	-38.8	-40.6	-41.2	-41.4	-42.2
Corporate profits with IVA and CCAAdj	225.2	285.7	260.0	277.4	291.1	282.8	291.6	
Corporate profits with IVA.....	192.0	230.0	216.3	229.8	238.7	224.5	227.1	
Profits before tax.....	203.2	235.7	227.4	225.5	243.8	246.0	228.7	
Profits tax liability.....	75.8	89.8	84.5	92.7	95.8	83.1	87.7	
Profits after tax.....	127.4	145.9	141.1	150.6	150.2	141.7	141.0	
Dividends.....	72.9	80.5	75.4	77.7	79.9	81.3	83.1	84.5
Undistributed profits.....	54.5	65.4	65.6	72.9	70.2	60.3	58.0	
IVA.....	-11.2	-5.7	-9.2	-13.5	-7.3	-2	-1.6	-6
CCAAdj.....	33.2	55.7	43.6	47.6	52.3	58.3	64.5	71.0
Net interest.....	256.6	284.1	258.9	266.8	282.8	293.5	293.4	288.8
Addenda:								
Corporate profits after tax with IVA and CCAAdj.....	149.4	195.9	175.5	184.7	195.2	199.8	203.9	
Dividends.....	72.9	80.5	75.4	77.7	79.9	81.3	83.1	84.5
Undistributed profits with IVA and CCAAdj.....	76.5	115.4	100.0	107.0	115.3	118.4	120.8	

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									
	1983	1984	Seasonally adjusted at annual rates							1985	1983	1984	Seasonally adjusted at annual rates						1985
			1983		1984								1983		1984				
			IV	I	II	III	IV	I ^P					IV	I	II	III	IV	I ^P	
Gross domestic product of corporate business	2,037.0	2,277.2	2,135.0	2,207.4	2,271.3	2,292.4	2,337.5	.....	Net domestic product.....	1,699.7	1,921.6	1,791.8	1,858.6	1,917.6	1,936.0	1,974.1	.....	
Capital consumption allowances with CCAAdj.....	231.2	246.2	236.4	239.9	244.1	248.1	252.8	257.4	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	196.7	214.6	203.7	207.3	213.4	216.9	220.7	225.0		
Net domestic product.....	1,805.8	2,030.9	1,898.6	1,967.5	2,027.2	2,044.3	2,084.7	.....	Domestic income.....	1,503.0	1,707.0	1,588.0	1,651.2	1,704.2	1,719.1	1,753.3	.....	
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	206.2	224.8	213.4	217.2	223.5	227.2	231.2	235.6	Compensation of employees.....	1,263.1	1,392.8	1,310.8	1,354.0	1,384.5	1,405.2	1,427.4	1,447.8		
Domestic income.....	1,599.6	1,806.2	1,685.2	1,750.3	1,803.7	1,817.1	1,853.5	.....	Wages and salaries.....	1,044.3	1,143.0	1,084.3	1,111.3	1,137.1	1,153.0	1,170.7	1,189.5	
Compensation of employees.....	1,357.1	1,494.8	1,407.2	1,453.2	1,485.6	1,508.3	1,532.1	1,555.0	Supplements to wages and salaries.....	218.8	249.7	226.0	242.7	247.4	252.1	256.7	258.3		
Wages and salaries.....	1,121.2	1,225.8	1,163.5	1,192.0	1,219.0	1,236.5	1,255.5	1,276.7	Corporate profits with IVA and CCAAdj.....	171.0	234.7	205.8	223.0	240.8	231.6	243.4	.....	
Supplements to wages and salaries.....	236.0	269.1	243.7	261.2	266.6	271.7	276.7	278.3	Profits before tax.....	148.8	184.9	171.5	188.9	195.9	173.8	181.0	.....	
Corporate profits with IVA and CCAAdj.....	200.4	262.7	234.4	251.7	269.8	258.5	270.9	.....	Profits tax liability.....	58.0	71.2	66.7	74.5	77.2	64.4	68.7	.....	
Profits before tax.....	178.4	212.7	200.0	217.6	224.8	200.4	208.0	.....	Profits after tax.....	90.8	113.7	104.8	114.5	118.6	109.5	112.2	.....	
Profits tax liability.....	75.8	89.8	84.5	92.7	95.8	83.1	87.7	.....	Dividends.....	62.8	71.0	63.9	65.9	70.3	70.9	76.7	80.0	
Profits after tax.....	102.6	122.9	115.5	124.9	128.9	117.3	120.4	.....	Undistributed profits.....	28.0	42.7	40.9	48.5	48.3	38.5	35.6	.....	
Dividends.....	63.0	71.6	64.2	66.3	70.9	71.6	77.6	81.0	IVA.....	-11.2	-5.7	-9.2	-13.5	-7.3	-2	-1.6	-6		
Undistributed profits.....	39.6	51.3	51.3	58.6	58.1	45.7	42.8	.....	CCAAdj.....	33.4	55.4	43.6	47.5	52.2	58.0	64.1	70.6	
IVA.....	-11.2	-5.7	-9.2	-13.5	-7.3	-2	-1.6	-6	Net interest.....	69.0	79.5	71.3	74.2	78.9	82.4	82.5	82.0		
CCAAdj.....	33.2	55.7	43.6	47.6	52.3	58.3	64.5	71.0											
Net interest.....	42.1	48.6	43.6	45.4	48.3	50.4	50.5	50.1											
Gross domestic product of financial corporate business	119.3	124.4	120.8	123.3	124.3	123.5	126.3	.....	Gross domestic product of nonfinancial corporate business	896.4	977.2	931.1	956.9	979.5	980.0	992.5	.....	
Gross domestic product of nonfinancial corporate business	1,917.7	2,152.8	2,014.2	2,084.2	2,146.9	2,168.9	2,211.2	.....	Capital consumption allowances with CCAAdj.....	100.0	104.0	101.5	102.4	103.4	104.5	105.8	106.7	
Capital consumption allowances with CCAAdj.....	218.0	231.2	222.5	225.6	229.3	232.9	237.1	241.2	Net domestic product.....	796.4	873.2	829.6	854.6	876.1	875.5	886.6	.....	
									Indirect business tax and nontax liability plus business transfer payments less subsidies.....	97.8	101.3	100.0	100.7	101.2	101.1	102.3	103.2		
									Domestic income.....	698.6	771.9	729.6	753.9	774.9	774.4	784.3	.....	

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

	Billions of dollars								Billions of 1972 dollars									
	1983	1984	Seasonally adjusted at annual rates						1985	1983	1984	Seasonally adjusted at annual rates						1985
			1983		1984							1983		1984				
			IV	I	II	III	IV	I ^P				IV	I	II	III	IV	I ^P	
Auto output	88.7	106.4	99.6	114.8	98.7	99.0	113.2	124.4	49.9	58.1	55.1	62.5	54.4	54.4	61.3	65.1		
Final sales	87.5	103.5	95.3	104.0	105.8	100.6	103.6	105.4	49.1	56.7	52.8	57.2	58.3	55.4	55.9	56.8		
Personal consumption expenditures.....	88.3	102.3	96.3	101.9	104.6	100.9	101.8	102.9	43.4	48.5	46.5	48.8	49.7	47.4	47.9	48.0		
New autos.....	65.2	75.9	71.9	76.2	77.8	73.6	76.0	77.5	35.8	40.6	38.8	41.0	41.8	39.4	40.2	40.5		
Net purchases of used autos.....	23.0	26.4	24.5	25.7	26.8	27.3	25.8	25.4	7.6	7.9	7.7	7.8	7.9	8.0	7.7	7.5		
Producers' durable equipment.....	17.3	24.9	19.8	24.3	24.9	26.2	24.3	27.3	12.4	16.9	14.0	16.5	17.1	17.6	16.2	17.8		
New autos.....	31.0	40.3	34.9	39.6	40.8	41.8	39.1	42.6	17.0	21.5	18.8	21.2	21.8	22.2	20.6	22.2		
Net purchases of used autos.....	-13.7	-15.4	-15.1	-15.3	-15.9	-15.6	-14.8	-15.3	-4.6	-4.6	-4.8	-4.7	-4.7	-4.6	-4.4	-4.4		
Net exports.....	-19.2	-24.7	-22.1	-23.5	-24.5	-27.4	-23.4	-25.7	-7.4	-9.3	-8.5	-8.9	-9.2	-10.3	-8.8	-9.7		
Exports.....	4.1	5.0	4.4	5.4	4.6	5.0	4.9	4.8	2.2	2.6	2.4	2.8	2.4	2.6	2.6	2.5		
Imports.....	23.2	29.6	26.5	28.8	29.1	32.4	28.3	30.6	9.6	11.9	10.9	11.7	11.7	12.9	11.4	12.3		
Government purchases.....	1.2	.9	1.1	1.2	.9	.8	.8	.9	.7	.7	.7	.8	.7	.6	.6	.6		
Change in business inventories	1.2	2.9	4.4	10.8	-7.1	-1.6	9.7	19.0	.8	1.4	.....	2.3	5.2	-3.9	-1.0	8.3	
New.....	.7	2.6	3.6	10.0	-8.2	-1.3	9.8	18.8	.7	1.3	2.1	5.0	-4.2	-9	5.4	8.3		
Used.....	.4	.4	.8	.9	1.1	-3	-1	.2	.1	.1	.3	.3	.3	-1	0	.1		
Addenda:																		
Domestic output of new autos ¹	70.1	86.7	78.9	95.7	79.3	82.4	89.5	98.6	38.4	46.2	42.6	51.2	42.5	43.9	47.3	51.5		
Sales of imported new autos ²	33.1	37.8	37.3	34.4	38.2	37.1	41.4	37.0	18.1	20.2	20.1	18.5	20.6	19.9	21.9	19.4		

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

	Billions of dollars								Billions of 1972 dollars									
	1983	1984	Seasonally adjusted at annual rates						1985	1983	1984	Seasonally adjusted at annual rates						1985
			1983		1984							1983		1984				
			IV	I	II	III	IV	I ^P				IV	I	II	III	IV	I ^P	
Truck output¹	36.3	54.2	44.4	49.6	51.1	56.8	59.4	57.6	16.7	23.7	20.3	22.1	22.5	24.5	25.7	24.8		
Final sales	36.1	51.5	43.1	45.8	50.5	52.6	57.0	58.0	16.6	22.5	19.8	20.5	22.2	22.8	24.7	25.0		
Personal consumption expenditures.....	15.3	19.3	18.2	17.9	19.3	19.6	20.6	23.4	8.4	10.3	9.8	9.6	10.3	10.5	10.8	12.2		
Producers' durable equipment.....	20.8	32.5	25.9	27.3	32.7	33.7	36.4	36.1	8.6	12.8	10.7	11.0	12.9	13.2	14.3	13.9		
Net exports.....	-3.9	-5.4	-5.0	-4.7	-6.6	-5.3	-5.0	-6.4	-1.9	-2.6	-2.4	-2.2	-3.1	-2.6	-2.4	-3.0		
Exports.....	2.0	2.5	2.2	2.4	2.2	2.6	2.8	2.6	.8	1.0	.9	1.0	.9	1.0	1.1	1.0		
Imports.....	5.9	7.9	7.2	7.1	8.8	7.9	7.8	9.0	2.7	3.6	3.3	3.2	4.0	3.6	3.5	4.0		
Government purchases.....	3.9	5.0	4.0	5.3	5.1	4.6	5.1	4.9	1.6	2.0	1.7	2.1	2.0	1.8	2.0	1.9		
Change in business inventories.....	.2	2.7	1.3	3.8	.6	4.2	2.4	-.4	.1	1.1	.6	1.6	.3	1.7	1.0	-.2	

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							
	1983	1984	Seasonally adjusted at annual rates					1985
			1984					
			IV	I	II	III	IV		I^{P}
Personal income.....	2,744.2	3,012.1	2,836.5	2,920.5	2,984.6	3,047.3	3,096.2	3,141.6
Wage and salary disbursements.....	1,659.2	1,804.0	1,715.4	1,755.7	1,793.1	1,819.5	1,847.6	1,882.6
Commodity-producing industries.....	519.3	569.3	539.0	555.9	567.0	573.3	580.9	591.0
Manufacturing.....	395.2	438.9	411.9	424.6	432.2	436.4	442.4	447.8
Distributive industries.....	398.6	432.0	413.2	419.2	429.5	436.4	443.1	448.8
Service industries.....	413.1	452.9	428.2	437.9	449.3	457.3	466.9	477.5
Government and government enterprises.....	328.2	349.8	335.0	342.8	347.3	352.4	356.7	365.3
Other labor income.....	173.1	195.5	182.1	188.1	193.5	198.1	202.5	206.3
Proprietors' income with IVA and CCAdj.....	121.7	154.4	131.9	154.9	149.8	153.7	159.1	156.7
Farm.....	13.8	28.2	17.3	32.5	23.4	27.3	29.4	22.4
Nonfarm.....	107.9	126.2	114.6	122.5	126.3	126.4	129.7	134.4
Rental income of persons with CCAdj.....	58.3	62.5	60.4	61.0	62.0	63.0	64.1	65.2
Personal dividend income.....	70.3	77.7	72.8	75.0	77.2	78.5	80.2	81.4
Personal interest income.....	376.3	433.7	388.2	403.9	425.6	449.3	456.1	456.2
Transfer payments.....	405.0	416.7	408.8	411.3	415.2	418.6	421.8	439.6
Old-age, survivors, disability, and health insurance benefits.....	221.6	237.3	227.7	232.1	235.2	238.2	243.5	249.8
Government unemployment insurance benefits.....	26.1	15.9	20.2	16.7	15.8	15.2	16.0	17.9
Veterans benefits.....	16.6	16.5	16.5	16.4	16.6	16.7	16.4	16.9
Government employees retirement benefits.....	59.5	62.2	61.3	62.4	63.1	63.9	59.2	67.1
Other transfer payments.....	81.0	84.9	83.1	83.7	84.5	84.6	86.7	87.8
Aid to families with dependent children.....	14.2	14.7	14.3	14.9	14.9	14.6	14.6	14.9
Other.....	66.8	70.1	68.8	68.8	69.6	70.0	72.1	72.9
Less: Personal contributions for social insurance.....	119.6	132.5	123.2	129.6	131.8	133.4	135.2	146.5
Less: Personal tax and nontax payments.....	404.2	435.3	407.9	418.3	430.3	440.9	451.7	489.0
Equals: Disposable personal income.....	2,340.1	2,576.8	2,428.6	2,502.2	2,554.3	2,606.4	2,644.5	2,652.6
Less: Personal outlays.....	2,222.0	2,420.7	2,300.0	2,349.6	2,409.5	2,442.3	2,481.5	2,531.6
Personal consumption expenditures.....	2,155.9	2,341.8	2,230.2	2,276.5	2,332.7	2,361.4	2,396.5	2,442.8
Interest paid by consumers to business.....	65.1	77.8	68.7	71.9	75.7	79.8	83.6	87.5
Personal transfer payments to foreigners (net).....	1.0	1.2	1.2	1.2	1.0	1.1	1.5	1.2
Equals: Personal saving.....	118.1	156.1	128.7	152.5	144.8	164.1	163.0	121.0
Addenda:								
Disposable personal income:								
Total, billions of 1972 dollars.....	1,095.4	1,169.0	1,124.3	1,147.6	1,165.3	1,176.5	1,186.7	1,181.4
Per capita:								
Current dollars.....	9,977	10,887	10,318	10,608	10,806	11,000	11,133	11,142
1972 dollars.....	4,670	4,939	4,776	4,865	4,930	4,965	4,996	4,962
Population (millions).....	234.5	236.7	235.4	235.9	236.4	237.0	237.5	238.1
Personal saving as percentage of disposable personal income.....	5.0	6.1	5.3	6.1	5.7	6.3	6.2	4.6

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

	Billions of dollars							
	1983	1984	Seasonally adjusted at annual rates					1985
			1984					
			IV	I	II	III	IV		I^{P}
Personal consumption expenditures.....	2,155.9	2,341.8	2,230.2	2,276.5	2,332.7	2,361.4	2,396.5	2,442.8
Durable goods.....	279.8	318.8	299.8	310.9	320.7	317.2	326.3	333.1
Motor vehicles and parts.....	129.3	149.8	141.7	147.7	152.3	148.6	150.7	155.1
Furniture and household equipment.....	104.1	117.0	109.8	113.0	116.6	116.8	121.8	123.1
Other.....	46.4	51.9	48.2	50.3	51.7	51.9	53.8	54.9
Nondurable goods.....	801.7	856.9	823.0	841.3	858.3	861.4	866.5	877.9
Food.....	416.5	443.6	425.1	433.9	442.1	448.6	449.8	458.1
Clothing and shoes.....	127.0	140.2	132.5	136.1	142.2	139.3	143.2	144.5
Gasoline and oil.....	90.0	91.4	91.7	92.0	92.8	90.0	90.8	89.7
Other nondurable goods.....	168.2	181.7	173.6	179.3	181.2	183.6	182.7	185.7
Fuel oil and coal.....	21.0	21.2	22.1	22.5	21.6	21.1	19.7	19.1
Other.....	147.2	160.5	151.5	156.7	159.7	162.5	163.1	166.5
Services.....	1,074.4	1,166.1	1,107.5	1,124.4	1,153.7	1,182.8	1,203.8	1,231.8
Housing.....	363.3	397.9	374.7	382.4	392.4	403.3	413.4	422.5
Household operation.....	153.8	164.0	157.5	158.8	163.3	167.6	166.4	171.3
Electricity and gas.....	81.3	85.7	84.0	82.6	86.1	88.4	85.9	89.3
Other.....	72.5	78.3	73.5	76.2	77.2	79.2	80.5	82.0
Transportation.....	72.5	78.3	74.8	76.1	77.6	78.5	81.2	83.2
Other.....	484.8	525.9	500.5	507.1	520.4	533.4	542.8	554.7
			Billions of 1972 dollars					
Personal consumption expenditures.....	1,009.2	1,062.4	1,032.4	1,044.1	1,064.2	1,065.9	1,075.4	1,087.9
Durable goods.....	157.5	178.0	167.2	173.7	178.6	177.0	182.9	186.0
Motor vehicles and parts.....	66.6	75.8	72.2	75.2	77.2	74.8	75.9	77.4
Furniture and household equipment.....	65.9	74.8	69.3	71.7	74.1	74.8	78.5	79.7
Other.....	25.0	27.5	25.8	26.7	27.4	27.4	28.5	28.9
Nondurable goods.....	376.3	393.5	383.2	387.1	396.6	395.5	395.0	399.1
Food.....	188.9	193.4	191.2	189.7	193.6	195.6	194.7	197.2
Clothing and shoes.....	88.5	96.5	91.4	94.2	99.1	95.9	96.9	97.3
Gasoline and oil.....	26.1	26.9	26.3	27.0	27.1	26.9	26.7	27.2
Other nondurable goods.....	72.9	76.7	74.3	76.1	76.9	77.1	76.7	77.4
Fuel oil and coal.....	4.0	3.9	4.2	4.1	3.9	3.9	3.7	3.7
Other.....	68.9	72.8	70.2	72.0	73.0	73.1	73.1	73.7
Services.....	475.4	490.8	482.0	483.4	488.9	493.5	497.5	502.9
Housing.....	171.3	177.7	173.4	175.1	176.8	178.5	180.3	182.0
Household operation.....	64.1	64.8	64.6	64.0	65.1	65.1	65.2	66.3
Electricity and gas.....	24.9	25.1	25.3	24.8	25.6	25.2	25.0	25.8
Other.....	39.1	39.7	39.3	39.2	39.5	39.9	40.2	40.5
Transportation.....	31.7	32.7	32.2	32.4	32.7	32.6	33.1	33.5
Other.....	208.3	215.6	211.8	211.9	214.3	217.2	218.9	221.0

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

	Billions of dollars							
Receipts.....	64.6	73.0	67.5	69.8	72.0	74.1	76.2	78.0
Contributions for social insurance.....	39.0	42.6	40.3	41.3	42.1	43.0	43.8	44.7
Personal contribution.....	10.4	11.4	10.7	11.0	11.2	11.5	11.7	12.0
Employer contributions.....	28.6	31.2	29.6	30.3	30.9	31.5	32.1	32.7
Government and government enterprises.....	26.1	28.5	27.0	27.6	28.2	28.8	29.3	29.9
Other.....	2.5	2.7	2.6	2.7	2.7	2.7	2.7	2.8
Interest and dividends received.....	25.6	30.5	27.2	28.5	29.8	31.1	32.4	33.3
Expenditures.....	27.1	30.4	28.4	29.3	30.0	30.8	31.7	32.6
Administrative expenses (purchases of goods and services).....	1.0	1.1	1.0	1.1	1.1	1.1	1.2	1.2
Transfer payments to persons.....	26.1	29.3	27.4	28.3	29.0	29.6	30.5	31.4
Surplus or deficit (-).....	37.5	42.6	39.1	40.5	41.9	43.3	44.5	45.4

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							
	1983	1984	Seasonally adjusted at annual rates					1985
			1983	1984				
			IV	I	II	III	IV		I^{P}
Receipts.....	641.1	704.7	655.0	686.4	704.3	706.2	721.9	
Personal tax and nontax receipts.....	295.2	315.0	293.3	301.6	310.7	319.7	327.9	362.1
Income taxes.....	288.8	308.4	287.2	294.5	303.8	314.0	321.2	354.9
Estate and gift taxes.....	5.9	5.9	5.5	6.4	6.2	5.0	6.0	6.5
Nontaxes.....	.5	.7	.6	.6	.6	.7	.7	.7
Corporate profits tax accruals.....	59.8	70.8	66.5	73.0	75.6	65.3	69.7	
Indirect business tax and nontax accruals.....	52.4	55.5	54.5	54.1	55.9	56.1	55.9	56.4
Excise taxes.....	36.1	35.8	37.0	36.0	36.1	35.6	35.5	35.3
Customs duties.....	9.1	11.9	10.0	10.9	12.1	12.4	12.1	12.5
Nontaxes.....	7.1	7.8	7.5	7.1	7.7	8.2	8.4	8.7
Contributions for social insurance.....	233.7	263.4	240.7	257.6	262.0	265.2	269.0	285.4
Expenditures.....	819.7	880.5	835.5	847.6	868.0	886.8	919.7	935.0
Purchases of goods and services.....	269.7	295.4	266.3	267.6	296.4	302.0	315.7	320.2
National defense.....	200.5	221.5	207.2	213.4	220.8	220.3	231.6	234.5
Nondefense.....	69.3	73.9	59.1	54.2	75.6	81.7	84.1	85.7
Transfer payments.....	345.6	353.0	350.1	347.7	350.1	353.8	360.4	372.2
To persons.....	338.7	344.5	340.0	341.1	343.7	346.2	347.2	363.7
To foreigners.....	7.0	8.4	10.1	6.6	6.4	7.7	13.1	8.5
Grants-in-aid to State and local governments.....	86.3	93.2	86.5	90.6	93.2	92.1	97.0	97.5
Net interest paid.....	94.2	116.7	102.0	107.6	110.9	122.0	126.4	126.8
Interest paid.....	119.5	143.6	127.5	133.6	138.0	149.0	153.9	154.6
To persons and business.....	101.8	124.0	109.5	115.2	119.2	128.9	132.9	134.0
To foreigners.....	17.7	19.6	18.1	18.4	18.9	20.0	21.0	20.6
Less: Interest received.....	25.3	26.9	25.6	26.0	27.2	27.0	27.4	27.7
Subsidies less current surplus of government enterprises.....	23.4	22.3	30.6	34.4	17.7	16.5	20.7	18.5
Subsidies.....	21.7	21.6	30.0	33.7	16.4	15.8	20.5	19.3
Less: Current surplus of government enterprises.....	-1.7	-7	-5	-7	-1.3	-7	-3	.7
Less: Wage accruals less disbursements.....	-4	.1	0	.2	.2	-4	.5	
Surplus or deficit (-), NIPA's.....	-178.6	-175.8	-180.5	-161.3	-163.7	-180.6	-197.8	
Social insurance funds.....	-28.4	-8.5	-22.8	-8.7	-7.7	-7.3	-10.2	-2.8
Other.....	-150.2	-167.4	-157.7	-152.5	-156.0	-173.3	-187.7	

Table 3.3.—State and Local Government Receipts and Expenditures

	Billions of dollars							
	1983	1984	Seasonally adjusted at annual rates					1985
			1983	1984				
			IV	I	II	III	IV		I^{P}
Receipts.....	478.2	523.6	495.0	509.6	520.6	524.6	539.7	
Personal tax and nontax receipts.....	109.0	120.3	114.6	116.7	119.6	121.2	123.8	126.9
Income taxes.....	58.7	64.5	62.2	63.0	64.5	64.6	65.7	67.3
Nontaxes.....	40.8	45.8	42.7	43.9	45.2	46.5	47.8	49.1
Other.....	9.5	10.0	9.6	9.8	9.9	10.2	10.3	10.5
Corporate profits tax accruals.....	16.0	19.1	18.0	19.7	20.2	17.8	18.5	
Indirect business tax and nontax accruals.....	228.0	248.4	235.6	241.4	245.4	250.5	256.6	261.6
Sales taxes.....	107.4	119.4	112.2	116.2	118.3	120.2	123.0	125.3
Property taxes.....	91.3	98.3	93.6	95.2	96.9	99.4	101.9	103.9
Other.....	29.3	30.7	29.7	30.0	30.2	30.9	31.7	32.3
Contributions for social insurance.....	39.0	42.6	40.3	41.3	42.1	43.0	43.8	44.7
Federal grants-in-aid.....	86.3	93.2	86.5	90.6	93.2	92.1	97.0	97.5
Expenditures.....	434.1	470.7	443.8	455.7	466.1	477.0	484.0	492.3
Purchases of goods and services.....	415.8	452.0	425.1	436.8	447.4	458.9	464.8	472.5
Compensation of employees.....	241.4	260.7	248.2	253.6	258.3	263.0	267.8	273.3
Other.....	174.4	191.3	176.9	183.2	189.1	195.9	197.0	199.2
Transfer payments to persons.....	50.7	54.8	52.5	53.6	54.4	54.8	56.6	57.4
Net interest paid.....	-21.9	-25.3	-23.2	-24.0	-24.9	-25.9	-26.4	-26.4
Interest paid.....	32.4	38.2	34.4	35.9	37.5	39.0	40.6	42.2
Less: Interest received.....	54.3	63.5	57.6	59.9	62.4	64.9	66.9	68.6
Less: Dividends received.....	2.6	2.8	2.6	2.7	2.7	2.8	2.9	3.0
Subsidies less current surplus of government enterprises.....	-7.8	-8.1	-7.9	-8.0	-8.0	-8.1	-8.2	-8.2
Subsidies.....	.5	.6	.5	.6	.6	.6	.6	.7
Less: Current surplus of government enterprises.....	8.3	8.7	8.5	8.6	8.6	8.7	8.8	8.9
Less: Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Surplus or deficit (-), NIPA's.....	44.1	52.9	51.2	53.9	54.5	47.6	55.6	
Social insurance funds.....	37.5	42.6	39.1	40.5	41.9	43.3	44.5	45.4
Other.....	6.6	10.4	12.0	13.4	12.6	4.3	11.1	

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							
	1983	1984	Seasonally adjusted at annual rates					1983	1984	Seasonally adjusted at annual rates						
			1983	1984						1983	1984				1985	
			IV	I	II	III	IV			I ^P	IV	I	II	III	IV	I ^P
Government purchases of goods and services.....	685.5	747.4	691.4	704.4	743.7	761.0	780.5	792.6	291.9	302.1	288.8	289.5	302.1	306.1	310.5	310.6
Federal.....	269.7	295.4	266.3	267.6	296.4	302.0	315.7	320.2	116.2	122.5	113.0	112.2	123.2	125.0	129.6	129.3
National defense.....	200.5	221.5	207.2	213.4	220.8	220.3	231.6	234.5	84.7	89.6	86.3	87.1	89.6	89.1	92.7	92.2
Durable goods.....	59.1	69.3	62.9	66.5	70.7	66.3	73.7	72.3	24.2	26.9	25.0	26.1	27.7	25.8	28.0	27.2
Nondurable goods.....	12.4	11.6	11.7	11.6	11.9	11.8	11.3	11.9	2.9	2.8	2.9	2.7	2.8	2.9	2.8	2.8
Services.....	124.4	135.7	127.6	130.9	133.7	136.8	145.3	145.3	55.5	57.8	56.3	56.3	57.1	58.2	59.8	60.1
Compensation of employees.....	73.1	77.9	74.4	77.5	77.8	78.1	78.4	81.1	34.6	35.0	34.8	35.0	35.0	35.0	35.1	35.1
Military.....	43.6	46.7	44.6	46.5	46.7	46.8	47.0	48.7	20.2	20.6	20.4	20.5	20.6	20.6	20.6	20.6
Civilian.....	29.5	31.2	29.8	31.0	31.1	31.2	31.5	32.4	14.3	14.5	14.4	14.4	14.5	14.5	14.5	14.5
Other services.....	51.3	57.7	53.2	53.4	55.9	58.7	63.0	64.3	21.0	22.8	21.5	21.3	22.1	23.1	24.8	25.0
Structures.....	4.6	4.9	4.9	4.4	4.5	5.4	5.2	4.9	2.0	2.1	2.2	1.9	1.9	2.3	2.2	2.1
Nondefense.....	69.3	73.9	59.1	54.2	75.6	81.7	84.1	85.7	31.5	32.9	26.7	25.2	33.6	36.0	36.8	37.1
Durable goods.....	3.5	3.7	3.8	3.5	3.6	3.7	4.0	4.1	1.6	1.7	1.5	1.7	1.6	1.6	1.7	1.8
Nondurable goods.....	-2	.6	-12.1	-18.0	3.7	8.3	8.5	7.6	-6	.4	-5.9	-7.1	1.6	3.5	3.6	3.5
Commodity Credit Corporation: Inventory change.....	-5.9	-4.9	-17.0	-22.9	-1.9	3.0	2.0	2.7	-2.4	-1.5	-7.5	-9.0	-2	1.7	1.4	1.6
Other nondurables.....	5.7	5.5	4.9	4.9	5.5	5.3	6.5	4.9	1.8	1.9	1.6	1.9	1.7	1.8	2.2	1.9
Services.....	59.3	62.8	61.1	62.4	61.4	62.9	64.5	66.8	27.6	28.0	28.1	28.0	27.5	28.0	28.5	28.9
Compensation of employees.....	34.7	36.6	35.1	36.4	36.5	36.6	36.9	38.0	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9
Other services.....	24.6	26.2	26.0	26.0	24.8	26.3	27.6	28.8	10.8	11.1	11.3	11.2	10.6	11.1	11.6	12.0
Structures.....	6.6	6.8	6.3	6.3	7.0	6.8	7.0	7.1	2.8	2.8	2.7	2.7	2.9	2.8	2.9	2.9
State and local.....	415.8	452.0	425.1	436.8	447.4	458.9	464.8	472.5	175.7	179.6	175.8	177.3	178.9	181.1	180.9	181.3
Durable goods.....	13.4	14.2	13.6	13.9	14.0	14.3	14.5	14.8	6.1	6.3	6.2	6.2	6.3	6.3	6.4	6.4
Nondurable goods.....	33.1	36.6	34.2	35.5	36.3	36.9	37.5	37.9	12.6	13.6	12.9	13.2	13.4	13.7	13.9	14.2
Services.....	329.0	356.7	338.2	346.1	352.9	360.6	367.2	374.6	139.7	141.2	140.0	140.4	140.8	141.5	142.0	142.5
Compensation of employees.....	241.4	260.7	248.2	253.6	253.3	263.0	267.8	273.3	105.7	106.1	105.8	105.8	105.9	106.2	106.5	106.5
Other services.....	87.6	96.0	90.0	92.5	94.6	97.6	101.4	101.4	34.0	35.2	34.3	34.6	34.9	35.4	35.7	36.1
Structures.....	40.3	44.6	39.0	41.4	44.2	47.2	45.7	45.2	17.3	18.5	16.7	17.5	18.4	19.5	18.6	18.2

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

	Billions of dollars								Billions of 1972 dollars							
	1983	1984	Seasonally adjusted at annual rates						1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985			1983	1984	1985			
				IV	I	II	III							IV	I ^P	
Receipts from foreigners	336.2	364.3	346.1	358.9	362.4	368.6	367.2	361.4								
Exports of goods and services.....	336.2	364.3	346.1	358.9	362.4	368.6	367.2	361.4	139.5	146.0	141.0	144.9	144.7	147.4	147.1	144.0
Merchandise.....	198.6	219.2	206.1	215.2	217.7	219.8	224.2	221.8	76.7	82.1	77.9	80.7	80.6	82.1	85.0	84.0
Durable goods.....	114.0	126.9	117.6	123.8	125.6	128.1	130.0	130.5	41.7	45.4	42.7	44.5	44.9	45.6	46.4	46.3
Nondurable goods.....	84.6	92.4	88.5	91.4	92.1	91.8	94.2	91.3	35.0	36.7	35.2	36.2	35.7	36.5	38.6	37.7
Services.....	137.6	145.0	140.0	143.7	144.7	148.8	143.0	139.6	62.8	64.0	63.2	64.2	64.1	65.3	62.2	60.0
Factor income ¹	84.1	91.7	88.1	90.4	91.3	96.1	89.1	84.8	39.3	41.2	40.6	41.1	41.2	42.9	39.6	37.1
Other.....	53.5	53.3	51.9	53.3	53.4	52.7	53.8	54.8	23.5	22.8	22.6	23.1	22.9	22.4	22.6	22.9
Capital grants received by the United States (net).....	0	0	0	0	0	0	0	0								
Payments to foreigners	336.2	364.3	346.1	358.9	362.4	368.6	367.2	361.4								
Imports of goods and services.....	344.4	428.5	375.9	410.4	421.1	459.3	423.2	434.4	126.9	161.1	139.1	153.2	156.2	174.4	160.5	170.1
Merchandise.....	258.9	325.5	282.9	316.6	317.4	350.7	317.1	332.7	89.1	116.0	98.1	112.2	110.6	126.9	114.1	125.7
Durable goods.....	139.1	186.9	155.8	181.6	179.7	204.8	181.3	202.6	58.9	80.2	66.1	77.1	76.1	88.6	78.8	89.4
Nondurable goods.....	119.9	138.6	127.0	135.0	137.7	145.9	135.8	130.1	30.2	35.8	32.0	35.1	34.5	38.3	35.2	36.3
Services.....	85.5	103.0	93.1	93.8	103.7	108.6	106.1	101.7	37.8	45.1	41.0	41.0	45.6	47.5	46.4	44.4
Factor income ¹	35.8	48.1	40.5	42.8	49.2	51.6	48.9	44.9	16.7	21.6	18.6	19.5	22.2	23.0	21.7	19.7
Other.....	49.7	54.9	52.6	51.0	54.5	57.0	57.1	56.8	21.1	23.5	22.4	21.5	23.4	24.5	24.7	24.7
Transfer payments (net).....	8.0	9.6	11.3	7.7	7.4	8.8	14.6	9.7								
From persons (net).....	1.0	1.2	1.2	1.2	1.0	1.1	1.5	1.2								
From government (net).....	7.0	8.4	10.1	6.6	6.4	7.7	13.1	8.5								
Interest paid by government to foreigners.....	17.7	19.6	18.1	18.4	18.9	20.0	21.0	20.6								
Net foreign investment.....	-33.9	-93.4	-59.1	-77.7	-85.0	-119.4	-91.6	-103.3								

Tables 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							
	1983	1984	Seasonally adjusted at annual rates						1983	1984	Seasonally adjusted at annual rates					
			1983	1984				1985			1983	1984	1985			
				IV	I	II	III							IV	I ^P	
Merchandise exports	198.6	219.2	206.1	215.2	217.7	219.8	224.2	221.8	76.7	82.1	77.9	80.7	80.6	82.1	85.0	84.0
Foods, feeds, and beverages.....	31.1	31.5	32.9	34.5	30.5	29.5	31.5	29.1	13.7	13.5	13.5	14.2	12.5	12.8	14.4	13.5
Industrial supplies and materials.....	56.3	60.6	57.7	58.4	60.1	62.8	61.3	61.9	20.4	21.3	20.6	20.7	20.8	22.0	21.8	22.3
Durable goods.....	16.1	16.9	16.6	16.7	16.6	17.2	17.0	16.8	5.8	5.9	5.9	5.9	5.7	6.0	6.0	6.1
Nondurable goods.....	40.2	43.8	41.1	41.7	43.5	45.6	44.4	45.1	14.6	15.4	14.7	14.7	15.1	16.0	15.7	16.3
Capital goods, except autos.....	68.3	73.1	68.7	71.3	72.5	73.5	75.1	75.1	25.9	27.2	25.9	26.7	27.0	27.3	27.7	27.5
Autos.....	18.3	22.4	20.2	22.5	21.1	23.4	22.6	24.5	5.6	6.6	6.1	6.7	6.2	6.9	6.6	7.2
Consumer goods.....	13.9	13.7	14.1	13.9	13.5	13.9	13.6	13.6	7.0	6.8	7.1	6.9	6.7	6.9	6.8	6.8
Durable goods.....	5.9	5.6	5.8	6.0	5.5	5.6	5.4	5.3	2.4	2.3	2.4	2.4	2.2	2.3	2.2	2.2
Nondurable goods.....	8.0	8.1	8.3	7.9	8.0	8.3	8.2	8.3	4.6	4.5	4.7	4.5	4.5	4.6	4.6	4.6
Other.....	10.6	17.9	12.4	14.7	20.0	16.7	20.1	17.6	4.1	6.7	4.7	5.5	7.4	6.2	7.6	6.7
Durable goods.....	5.3	8.9	6.2	7.4	10.0	8.3	10.0	8.8	2.0	3.3	2.3	2.8	3.7	3.1	3.8	3.3
Nondurable goods.....	5.3	8.9	6.2	7.4	10.0	8.3	10.0	8.8	2.0	3.3	2.3	2.8	3.7	3.1	3.8	3.3
Merchandise imports	258.9	325.5	282.9	316.6	317.4	350.7	317.1	332.7	89.1	116.0	98.1	112.2	110.6	126.9	114.1	125.7
Foods, feeds, and beverages.....	18.2	21.2	18.4	20.9	20.3	22.9	20.7	22.7	7.6	8.7	7.7	8.7	8.2	9.3	8.6	9.5
Industrial supplies and materials, excluding petroleum.....	51.2	63.0	54.0	63.0	61.4	67.2	60.5	62.2	18.9	23.6	20.3	23.4	22.6	25.2	23.0	24.4
Durable goods.....	26.4	33.3	27.8	34.4	32.5	35.2	31.3	33.2	9.7	12.5	10.5	12.7	12.0	13.2	11.9	13.0
Nondurable goods.....	24.8	29.7	26.2	28.6	28.9	32.0	29.2	29.0	9.2	11.1	9.9	10.6	10.7	12.0	11.1	11.4
Petroleum and products.....	53.8	57.3	57.1	55.4	59.6	57.9	56.4	47.3	4.9	5.3	5.3	5.1	5.5	5.4	5.3	4.5
Capital goods, except autos.....	41.0	60.3	45.9	57.5	56.3	69.3	58.2	65.2	20.4	30.7	22.9	28.7	28.3	35.4	30.2	34.3
Autos.....	42.0	55.5	49.0	53.3	55.2	59.2	54.4	60.8	13.7	17.6	15.6	17.0	17.5	18.7	17.2	19.1
Consumer goods.....	45.3	59.7	49.9	58.7	57.0	64.6	58.5	65.8	20.5	26.6	22.7	26.2	25.3	28.9	26.1	30.1
Durable goods.....	25.9	33.5	28.9	32.5	31.9	36.3	33.1	39.0	13.6	17.7	15.3	17.0	16.8	19.3	17.7	21.1
Nondurable goods.....	19.4	26.2	21.0	26.2	25.0	28.3	25.3	26.8	6.9	8.9	7.4	9.1	8.6	9.6	8.4	9.0
Other.....	7.4	8.3	8.5	7.7	7.6	9.5	8.4	8.7	3.0	3.4	3.5	3.2	3.1	3.9	3.5	3.7
Durable goods.....	3.7	4.2	3.8	4.3	3.9	4.7	4.2	4.4	1.5	1.7	1.7	1.6	1.6	2.0	1.8	1.9
Nondurable goods.....	3.7	4.2	4.3	3.9	3.8	4.7	4.2	4.4	1.5	1.7	1.7	1.6	1.6	2.0	1.8	1.9
Addenda:																
Exports:																
Agricultural products.....	36.6	38.1	39.2	41.1	37.0	36.0	38.5	35.7	16.1	16.1	16.2	16.9	15.0	15.2	17.3	16.3
Nonagricultural products.....	161.9	181.1	166.9	174.1	180.7	183.8	185.7	186.1	60.5	66.0	61.7	63.8	65.6	66.8	67.7	67.8
Imports of nonpetroleum products.....	205.1	268.1	225.7	261.2	257.8	292.8	260.7	285.4	84.2	110.6	92.8	107.1	105.1	121.5	108.8	121.1

Table 5.1.—Gross Saving and Investment

	Billions of dollars								
	1983	1984	Seasonally adjusted at annual rates					1985	I ^P
			1983	1984					
			IV	I	II	III	IV		
Gross saving	437.2	551.8	485.7	543.9	551.0	556.4	556.0		
Gross private saving	571.7	674.8	615.0	651.3	660.2	689.4	698.2		
Personal saving	118.1	156.1	128.7	152.5	144.8	164.1	163.0	121.0	
Undistributed corporate profits with IVA and CCAdj	76.5	115.4	100.0	107.0	115.3	118.4	120.8		
Undistributed profits	54.5	65.4	65.6	72.9	70.2	60.3	58.0		
IVA	-11.2	-5.7	-9.2	-13.5	-7.3	-2	-1.6	-6	
CCAdj	33.2	55.7	43.6	47.6	52.3	58.3	64.5	71.0	
Capital consumption allowances with CCAdj:									
Corporate	231.2	246.2	236.4	239.9	244.1	248.1	252.8	257.4	
Noncorporate	145.9	157.0	150.0	151.8	156.0	158.8	161.5	164.7	
Wage accruals less disbursements	0	0	0	0	0	0	0	0	
Government surplus or deficit (-), NIPA's	-134.5	-122.9	-129.3	-107.4	-109.2	-133.0	-142.2		
Federal	-178.6	-175.8	-180.5	-161.3	-163.7	-180.6	-197.8		
State and local	44.1	52.9	51.2	53.9	54.5	47.6	55.6		
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0	
Gross investment	437.7	544.4	480.9	546.1	542.0	543.4	546.1	554.2	
Gross private domestic investment	471.6	637.8	540.0	623.8	627.0	662.8	637.8	657.4	
Net foreign investment	-33.9	-93.4	-59.1	-77.7	-85.0	-119.4	-91.6	-103.3	
Statistical discrepancy .....	.5	-7.4	-4.8	2.2	-9.0	-13.0	-9.9	

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

	Billions of dollars								
	1983	1984	Seasonally adjusted at annual rates					1985	I ^P
			1983	1984					
			IV	I	II	III	IV		
Change in business inventories	-13.5	58.2	12.7	73.8	50.6	71.8	36.6	46.6	
Farm	-10.4	8.6	-1.4	13.2	3.5	8.1	9.4	6.2	
Nonfarm	-3.1	49.6	14.1	60.6	47.0	63.7	27.2	40.5	
Change in book value	9.2	56.2	24.4	75.7	55.5	64.1	29.4	41.2	
IVA ¹	-12.3	-6.5	-10.4	-15.1	-8.4	-3	-2.3	-7	
Manufacturing	-9.4	22.2	-1.5	22.6	35.5	32.4	-1.7	9.9	
Durable goods	-7.3	17.1	1.8	14.1	23.3	24.4	6.5	6.1	
Nondurable goods	-2.2	5.1	-3.3	8.5	12.1	8.1	-3.3	3.8	
Wholesale trade	-2.4	14.0	7.9	10.4	14.2	21.2	10.2	2.9	
Durable goods	-2.1	9.4	6.6	8.1	7.0	16.4	6.3	2.1	
Nondurable goods	-3	4.5	1.3	2.3	7.2	4.8	3.9	.7	
Merchant wholesalers	-1.2	11.5	9.1	7.5	10.7	20.0	7.8	2.9	
Durable goods	-1.8	8.2	6.1	7.0	5.6	14.7	5.6	1.6	
Nondurable goods .....	.7	3.3	3.0	.5	5.2	5.3	2.2	1.3
Nonmerchant wholesalers	-1.2	2.4	-1.2	2.8	3.4	1.2	2.3	0	
Durable goods	-3	1.2	.5	1.1	1.4	1.7	.6	.5	
Nondurable goods	-9	1.2	-1.6	1.7	2.0	-5	1.7	-5	
Retail trade	7.6	12.9	12.7	25.1	2.5	5.8	13.2	24.1	
Durable goods	4.7	6.2	10.4	12.7	-3.8	1.3	14.7	15.8	
Nondurable goods	2.9	6.7	2.3	12.4	6.3	4.6	3.5	8.3	
Other	1.1	.6	-5.1	2.5	-5.1	4.3	.5	3.7	
Durable goods	2.5	-2.3	-4.3	0	-8.2	-4	-8	2.1	
Nondurable goods	-1.4	2.9	-7	2.5	3.1	4.6	1.3	1.5	
Change in business inventories	-3.6	24.8	7.2	31.6	20.3	30.6	16.8	20.7	
Farm	-4.2	4.0	.2	5.4	1.6	4.1	4.8	3.0	
Nonfarm .....	.6	20.9	7.0	26.2	18.7	26.5	12.0	17.8
Manufacturing	-3.5	9.0	.1	9.1	13.8	13.0	-1	4.5	
Durable goods	-2.9	7.2	1.1	5.8	9.7	10.3	3.1	2.9	
Nondurable goods	-6	1.7	-1.0	3.3	4.2	2.7	-3.2	1.6	
Wholesale trade	-5	5.9	3.4	4.8	5.3	9.5	3.9	1.6	
Durable goods	-8	4.1	2.8	3.5	3.1	7.2	2.8	1.1	
Nondurable goods .....	.3	1.7	.6	1.2	2.2	2.3	1.1	.5
Merchant wholesalers	-2	5.1	3.4	3.9	4.1	8.8	3.5	1.4	
Durable goods	-7	3.6	2.6	3.1	2.5	6.5	2.5	.8	
Nondurable goods .....	.4	1.4	.8	.8	1.7	2.3	1.0	.6
Nonmerchant wholesalers	-3	.8	-1	.9	1.2	.7	.4	.1	
Durable goods	-1	.5	.2	.5	.6	.7	.3	.2	
Nondurable goods	-2	.3	-3	.4	.6	0	.1	-1	
Retail trade	3.4	5.9	5.4	11.4	1.7	2.5	8.1	10.4	
Durable goods	2.1	2.8	4.6	5.4	-1.3	.5	6.5	6.7	
Nondurable goods	1.3	3.2	.8	6.1	3.0	2.0	1.6	3.7	
Other	1.2	.1	-1.8	.9	-2.1	1.5	.1	1.2	
Durable goods	1.1	-1.0	-1.8	0	-3.4	-1	-3	.9	
Nondurable goods .....	.1	1.1	0	.9	1.3	1.7	.5	.3

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

	Billions of dollars						
	1983	1984	Seasonally adjusted quarterly totals				1985
			1984				
			IV	I	II	III	
Inventories ¹	818.4	845.2	856.4	870.7	877.6	888.9	
Farm	80.6	85.3	85.0	84.2	84.3	86.0	
Nonfarm	737.8	759.9	771.4	786.5	793.3	802.9	
Durable goods	418.1	430.4	435.1	445.2	453.2	460.7	
Nondurable goods	319.7	329.5	336.3	341.3	340.2	342.2	
Manufacturing	339.5	348.3	356.6	364.4	363.9	365.6	
Durable goods	218.1	223.1	228.9	234.6	236.7	238.7	
Nondurable goods	121.4	125.2	127.7	129.8	127.2	126.9	
Wholesale trade	163.6	167.6	171.0	175.6	178.0	178.8	
Durable goods	102.9	105.7	107.8	111.9	113.8	114.5	
Nondurable goods	60.8	61.9	63.2	63.7	64.2	64.3	
Merchant wholesalers	135.6	138.7	141.4	145.9	147.8	148.6	
Durable goods	87.7	90.1	91.9	95.6	97.3	97.8	
Nondurable goods	48.0	48.6	49.5	50.3	50.5	50.8	
Nonmerchant wholesalers	28.0	28.9	29.6	29.7	30.2	30.2	
Durable goods	15.2	15.6	15.9	16.3	16.5	16.6	
Nondurable goods	12.8	13.3	13.7	13.5	13.7	13.5	
Retail trade	151.0	159.2	159.7	160.8	166.2	173.2	
Durable goods	62.3	73.0	71.9	72.0	76.1	80.7	
Nondurable goods	88.3	86.3	87.7	88.8	90.0	92.5	
Other	83.6	84.8	84.1	85.7	85.3	85.4	
Final sales ²	241.2	245.3	254.7	256.4	264.4	267.8	
Final sales of goods and structures	144.8	147.2	154.3	153.3	159.0	159.7	
Ratio: Inventories to final sales	3.39	3.45	3.36	3.40	3.32	3.32	
Nonfarm inventories to final sales	3.06	3.10	3.03	3.07	3.00	3.00	
Nonfarm inventories to final sales of goods and structures	5.09	5.16	5.00	5.13	4.99	5.03	
Inventories ¹	336.5	344.3	349.4	357.1	361.3	366.5	
Farm	38.9	40.2	40.6	41.7	42.9	43.6	
Nonfarm	297.6	304.1	308.8	315.4	318.4	322.9	
Durable goods	176.3	180.0	182.0	186.4	189.4	192.3	
Nondurable goods	121.3	124.1	126.8	129.0	129.0	130.5	
Manufacturing	135.9	138.2	141.6	144.9	144.9	146.0	
Durable goods	91.4	92.9	95.3	97.9	98.6	99.4	
Nondurable goods	44.5	45.3	46.4	47.0	46.2	46.6	
Wholesale trade	65.4	66.6	67.9	70.3	71.3	71.7	
Durable goods	42.4	43.3	44.0	45.8	46.5	46.8	
Nondurable goods	23.0	23.3	23.9	24.5	24.7	24.9	
Merchant wholesalers	55.2	56.2	57.2	59.4	60.3	60.7	
Durable goods	36.0	36.7	37.3	39.0	39.6	39.8	
Nondurable goods	19.3	19.5	19.9	20.5	20.7	20.9	
Nonmerchant wholesalers	10.2	10.4	10.7	10.9	11.0	11.0	
Durable goods	6.4	6.5	6.7	6.9	7.0	7.0	
Nondurable goods	3.8	3.9	4.0	4.0	4.0	4.0	
Retail trade	67.9	70.7	71.1	71.8	73.8	76.4	
Durable goods	30.6	32.0	31.6	31.8	33.4	35.1	
Nondurable goods	37.2	38.8	39.5	40.0	40.4	41.3	
Other	28.3	28.6	28.1	28.4	28.5	28.8	
Final sales ²	111.5	112.7	116.2	115.7	118.4	118.6	
Final sales of goods and structures	69.7	70.7	73.8	73.0	75.2	74.8	
Ratio: Inventories to final sales	3.02	3.06	3.01	3.09	3.05	3.09	
Nonfarm inventories to final sales	2.67	2.70	2.66	2.73	2.69	2.72	
Nonfarm inventories to final sales of goods and structures	4.27	4.30	4.18	4.32	4.24	4.32	

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							
	1983	1984	Seasonally adjusted at annual rates					1985
			1984					
			1983	I	II	III	IV	
			IV	I	II	III	IV	I ^P
National income without CCAj.....	2,651.9	2,940.8	2,760.3	2,861.8	2,929.6	2,963.6	3,008.3	
Domestic industries.....	2,603.6	2,897.2	2,712.6	2,814.2	2,887.5	2,919.0	2,968.1	
Private industries.....	2,212.0	2,476.9	2,311.7	2,402.7	2,470.2	2,496.1	2,538.4	
Agriculture, forestry, and fisheries.....	60.9	76.2	64.1	79.9	70.9	75.6	78.4	
Mining.....	40.0	45.5	40.8	42.4	46.2	46.7	46.5	
Construction.....	112.3	126.8	115.5	122.0	127.2	128.3	129.7	
Manufacturing.....	579.9	656.2	619.8	646.7	660.4	653.3	664.6	
Durable goods.....	329.5	387.4	356.7	378.4	383.8	388.1	399.3	
Nondurable goods.....	250.4	268.8	263.2	268.3	276.6	265.1	265.3	
Transportation and public utilities.....	212.9	234.5	219.2	226.3	234.1	238.0	239.7	
Transportation.....	87.7	99.3	90.7	95.0	99.1	101.3	101.6	
Communication.....	60.1	64.7	60.8	62.8	65.0	65.7	65.1	
Electric, gas, and sanitary services.....	64.3	70.6	67.6	68.5	70.0	71.0	73.0	
Wholesale trade.....	161.2	186.9	170.8	177.3	184.4	190.8	195.0	
Retail trade.....	225.2	244.7	233.7	236.2	246.6	245.1	250.8	
Finance, insurance, and real estate.....	394.0	433.9	404.8	415.6	432.4	441.5	446.1	
Services.....	426.6	472.2	443.0	456.3	468.0	476.9	487.6	
Government and government enterprises.....	391.7	420.4	400.9	411.6	417.3	422.9	429.7	
Rest of the world.....	48.3	43.6	47.7	47.6	42.1	44.5	40.2	39.8

Table 6.20.—Corporate Profits by Industry

	Billions of dollars							
	1983	1984	Seasonally adjusted at annual rates					1985
			1984					
			1983	I	II	III	IV	
			IV	I	II	III	IV	I ^P
Corporate profits with IVA and CCAj.....	225.2	285.7	260.0	277.4	291.1	282.8	291.6	
Domestic industries.....	200.4	262.7	234.4	251.7	269.8	258.5	270.9	
Financial.....	29.4	28.1	28.6	28.7	29.1	26.9	27.5	
Nonfinancial.....	171.0	234.7	205.8	223.0	240.8	231.6	243.4	
Rest of the world.....	24.8	23.0	25.6	25.7	21.3	24.3	20.7	
Corporate profits with IVA.....	192.0	230.0	216.3	229.8	238.7	224.5	227.1	
Domestic industries.....	167.2	207.1	190.8	204.1	217.5	200.2	206.4	
Financial.....	29.6	27.8	28.5	28.7	28.9	26.6	27.1	
Federal Reserve banks.....	14.8	16.7	15.5	16.0	16.4	17.1	17.5	
Other.....	14.8	11.1	13.1	12.7	12.5	9.5	9.6	
Nonfinancial.....	137.6	179.2	162.3	175.4	188.6	173.6	179.3	
Manufacturing.....	65.2	85.5	82.9	89.8	92.3	78.3	81.6	
Durable goods.....	11.9	29.0	22.7	30.3	27.6	26.4	31.7	
Primary metal industries.....	-2.3	.4	-1.4	.1	.6	.3	.5	
Fabricated metal products.....	3.5	6.1	5.3	5.2	6.0	5.7	7.5	
Machinery, except electrical.....	2.0	5.0	2.9	4.0	6.2	4.8	5.3	
Electric and electronic equipment.....	.9	2.8	1.9	2.8	1.9	3.1	3.6	
Motor vehicles and equipment.....	7.4	9.8	11.7	14.6	7.9	7.6	8.9	
Other.....	.4	4.9	2.3	3.6	5.2	4.9	6.0	
Nondurable goods.....	53.4	56.5	60.2	59.4	64.7	51.9	49.8	
Food and kindred products.....	6.6	7.0	7.1	7.7	7.8	6.7	5.6	
Chemicals and allied products.....	6.8	8.2	8.1	9.0	9.5	7.8	6.5	
Petroleum and coal products.....	23.5	22.7	27.6	23.6	27.9	19.3	19.9	
Other.....	16.5	18.7	17.3	19.1	19.5	18.2	17.9	
Transportation and public utilities.....	22.5	27.7	23.5	27.3	28.3	27.1	28.1	
Wholesale and retail trade.....	33.4	45.9	39.5	40.6	47.0	46.8	49.4	
Other.....	16.4	20.2	16.4	17.9	21.0	21.5	20.3	
Rest of the world.....	24.8	23.0	25.6	25.7	21.3	24.3	20.7	

Table 7.1.—Implicit Price Deflators for Gross National Product

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted				1985	
			1984					
			IV	I	II	III		IV
			IV	I	II	III	IV	I ^P
Gross national product.....	215.34	223.43	218.21	220.58	222.40	224.57	226.10	229.01
Personal consumption expenditures.....	213.6	220.4	216.0	218.0	219.2	221.5	222.8	224.5
Durable goods.....	177.7	179.0	179.3	179.0	179.5	179.2	178.4	179.1
Nondurable goods.....	213.0	217.7	214.8	217.4	216.4	217.8	219.4	220.0
Services.....	226.0	237.6	229.7	232.6	236.0	239.7	242.0	244.9
Gross private domestic investment.....	216.0	218.7	217.7	216.6	218.6	219.2	220.1	222.3
Fixed investment.....	206.4	207.8	208.1	206.3	207.4	208.0	209.4	211.4
Nonresidential.....	263.7	264.5	265.9	262.6	264.1	265.2	265.9	266.7
Structures.....	183.3	186.0	185.8	184.4	185.4	186.5	187.6	189.3
Producers' durable equipment.....	246.4	255.7	248.3	249.4	255.9	258.6	259.1	262.1
Residential.....	249.4	259.0	251.2	252.3	259.2	262.1	262.7	265.9
Nonfarm structures.....	247.3	261.5	248.0	258.5	261.7	261.1	266.5	272.1
Farm structures.....	172.6	173.2	174.7	174.1	173.6	172.3	172.9	172.5
Producers' durable equipment.....								
Change in business inventories.....								
Net exports of goods and services.....	241.0	249.4	245.4	247.7	250.4	250.1	249.6	251.0
Exports.....	271.5	266.0	270.3	267.9	269.6	263.3	263.7	255.4
Imports.....								
Government purchases of goods and services.....	234.9	247.4	239.4	243.3	246.2	248.6	251.4	255.2
Federal.....	232.1	241.2	235.6	238.5	240.6	241.5	243.7	247.6
National defense.....	236.6	247.2	240.0	245.1	246.4	247.4	249.8	254.4
Nondefense.....	220.0	224.7	221.4	215.5	225.1	227.1	228.2	230.7
State and local.....	236.7	251.7	241.8	246.4	250.0	253.5	256.9	260.6

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

	Index numbers, 1972=100							
	1983	1984 ²	Seasonally adjusted				1985	
			1984					
			IV	I	II	III		IV
			IV	I	II	III	IV	I ^P
Gross national product.....	223.8	233.4	227.6	230.4	232.8	235.1	237.2	239.8
Personal consumption expenditures.....	222.4	231.1	225.5	228.2	230.0	232.2	234.5	236.2
Durable goods.....	185.0	188.9	187.4	187.7	188.8	189.1	189.8	191.1
Nondurable goods.....	223.2	229.7	225.6	228.8	228.8	229.6	231.7	232.1
Services.....	234.3	246.9	238.5	241.5	245.2	249.4	252.3	255.5
Gross private domestic investment.....	234.5	240.6	237.5	238.6	242.2	244.0	244.9	246.9
Fixed investment.....	230.4	234.9	231.7	232.9	234.7	236.1	237.1	238.6
Nonresidential.....	249.8	255.4	250.8	252.3	255.3	256.2	257.6	259.7
Structures.....	219.3	223.0	220.7	221.8	222.8	224.5	225.4	226.6
Producers' durable equipment.....	242.3	251.7	248.4	249.4	256.4	259.0	259.7	262.5
Residential.....								
Change in business inventories.....								
Net exports of goods and services.....	248.0	254.8	252.7	254.4	257.2	256.3	255.3	255.6
Exports.....	299.9	299.0	298.7	300.3	302.1	299.3	297.0	293.4
Imports.....								
Government purchases of goods and services.....	236.5	249.2	240.7	245.0	248.2	250.6	252.9	257.2
Federal.....	236.7	246.5	239.9	244.1	246.4	247.3	247.9	253.1
National defense.....	242.3	252.6	246.1	250.2	252.9	253.8	253.8	259.3
Nondefense.....	222.3	230.7	224.0	228.5	230.0	231.6	232.7	237.1
State and local.....	236.4	251.0	241.2	245.5	249.4	252.8	256.2	259.9
Addenda:								
Gross domestic purchases ¹	227.2	236.3	230.6	233.4	235.7	237.9	239.9	242.3
Final sales.....	223.8	233.5	227.7	230.5	232.9	235.2	237.3	239.9
Final sales to domestic purchasers ¹	227.3	236.4	230.7	233.5	235.8	238.0	240.1	242.4
Personal consumption expenditures, food.....	221.8	230.9	223.9	230.5	229.5	230.9	232.7	234.3
Personal consumption expenditures, energy.....	365.0	368.3	368.3	366.7	369.1	367.9	369.4	362.8
Other personal consumption expenditures.....	209.4	218.5	212.8	214.8	217.3	220.1	222.5	225.1
Gross domestic product.....	224.3	233.9	227.8	230.6	233.0	235.3	237.4	240.1
Business.....	223.5	232.4	226.9	229.3	231.6	233.9	236.0	238.2
Nonfarm.....	224.6							

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.

2. Fixed-weighted price index for 1984 annual GNP and some of the GNP components reflect corrections.

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

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
Gross national product	215.34	223.43	218.21	220.58	222.40	224.57	226.10	229.01
Final sales.....	215.7	223.3	218.4	220.3	222.1	224.4	226.2	229.1
Change in business inventories.....								
Goods	196.9	201.8	199.0	201.1	201.3	202.0	202.8	204.9
Final sales.....	197.8	200.7	199.3	199.7	200.0	200.7	202.5	204.4
Change in business inventories.....								
Durable goods.....	187.8	192.0	190.7	191.0	190.9	192.4	193.5	194.6
Final sales.....	188.3	190.4	190.1	188.8	190.0	190.1	192.5	193.6
Change in business inventories.....								
Nondurable goods.....	203.7	209.8	205.7	209.2	209.6	209.7	210.7	213.2
Final sales.....	204.9	209.0	206.5	208.3	208.0	208.9	210.7	212.9
Change in business inventories.....								
Services	226.7	239.3	230.7	234.3	237.8	241.3	243.9	247.5
Structures	252.0	258.1	254.1	253.8	257.9	259.7	260.9	263.2
Addenda:								
Gross domestic purchases ¹	217.7	225.3	220.4	222.6	224.4	226.4	227.6	229.8
Final sales to domestic purchasers ¹	218.0	225.1	220.6	222.4	224.1	226.2	227.7	229.9

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

	1983	1984	1983	1984	1983	1984	1985
Gross national product	215.34	223.43	218.21	220.58	222.40	224.57	226.10
Gross domestic product	215.4	223.4	218.2	220.6	222.4	224.6	226.1
Business	213.4	220.7	216.0	218.0	219.7	221.8	223.2
Nonfarm.....	214.2	221.3	216.8	218.4	220.1	222.5	224.2
Nonfarm less housing.....	215.3	221.8	217.7	219.2	220.7	222.9	224.4
Housing.....	205.4	217.2	209.6	212.0	215.3	219.1	222.3
Farm.....	182.0	198.9	181.3	201.5	205.6	199.6	190.1
Statistical discrepancy.....	213.4	220.7	216.0	218.0	219.7	221.8	223.2
Households and institutions	246.4	258.1	251.7	254.5	257.3	259.4	261.2
Private households.....	233.9	236.5	234.7	236.0	236.1	236.5	237.1
Nonprofit institutions.....	247.3	259.8	253.0	255.9	258.9	261.2	263.1
Government	222.4	237.5	227.1	233.1	236.1	238.9	242.1
Federal.....	209.9	220.6	211.8	219.6	220.3	220.7	221.8
State and local.....	228.5	245.8	234.6	239.6	243.9	247.8	252.0
Rest of the world	214.2	222.6	217.2	219.7	221.5	223.8	225.4
Addendum:							
Gross domestic business product less housing.....							

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

	1983	1984	1983	1984	1983	1984	1985
Gross national product	215.34	223.43	218.21	220.58	222.40	224.57	226.10
Less: Capital consumption allowances with CCAAdj.....	224.4	230.2	226.4	227.5	229.8	231.1	232.2
Equals: Net national product	214.2	222.6	217.2	219.7	221.5	223.8	225.4
Less:							
Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises.....	184.7	193.2	181.9	181.0	194.3	198.5	198.7
Statistical discrepancy.....	213.4	220.7	216.0	218.0	219.7	221.8	223.2
Equals: National income	217.9	226.2	221.6	224.5	224.8	226.8	228.6

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							
	1983	1984	Seasonally adjusted					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
Current-dollar cost and profit per unit of constant-dollar gross domestic product¹	2.139	2.203	2.163	2.178	2.192	2.213	2.228	.....
Capital consumption allowances with CCAAdj.....	.243	.237	.239	.236	.234	.233	.239	.....
Net domestic product	1.896	1.966	1.924	1.942	1.958	1.976	1.989	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.219	.220	.219	.217	.218	.221	.222	.....
Domestic income.....	1.677	1.747	1.706	1.726	1.740	1.754	1.767	.....
Compensation of employees.....	1.409	1.425	1.408	1.415	1.414	1.434	1.438	.....
Corporate profits with IVA and CCAAdj.....	.191	.240	.221	.233	.246	.236	.245	.....
Profits tax liability.....	.065	.073	.072	.078	.079	.066	.069	.....
Profits after tax with IVA and CCAAdj.....	.126	.167	.149	.155	.167	.171	.176	.....
Net interest.....	.077	.081	.077	.078	.081	.084	.083	.....

Table 7.8.—Implicit Price Deflators for Auto Output

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					
			1983	1984				1985
				IV	I	II	III		IV	I^{P}
Auto output	177.8	183.0	180.8	183.7	181.5	181.9	184.7	191.1
Final sales	178.4	182.5	180.5	181.7	181.5	181.7	185.2	185.6
Personal consumption expenditures.....	203.6	211.1	207.1	208.8	210.5	212.9	212.6	214.2
New autos.....	182.4	187.0	185.2	185.9	186.0	186.8	189.2	191.2
Net purchases of used autos.....	139.6	147.7	141.3	147.3	145.1	148.8	149.9	153.4
Producers' durable equipment.....	182.7	187.7	185.4	186.7	186.8	187.9	189.6	191.6
Net exports.....	183.4	190.8	186.4	192.1	190.0	190.9	189.8	190.4
Exports.....	241.8	248.9	243.5	246.6	249.8	250.8	248.3	249.1
Imports.....	157.1	135.3	160.3	148.0	126.2	131.6	133.0	132.6
Government purchases.....								
Change in business inventories								
Addenda:								
Domestic output of new autos ¹	182.6	187.6	185.3	186.9	186.6	187.7	189.3	191.3
Sales of imported new autos ²	182.5	186.7	185.3	185.5	185.7	186.6	188.8	190.8

Table 7.9.—Implicit Price Deflators for Truck Output

	1983	1984	1983	1984	1983	1984	1985
Truck output¹	217.1	229.0	218.5	224.7	227.4	232.1	232.3
Final sales	217.1	228.3	218.3	223.3	227.6	230.7	232.2
Personal consumption expenditures.....	182.6	187.7	185.3	186.5	186.7	187.4	189.9
Producers' durable equipment.....	242.9	253.2	242.2	248.0	252.8	256.1	259.3
Net exports.....	243.1	253.0	242.3	248.0	252.8	256.0	259.4
Exports.....	215.6	220.9	216.5	221.4	221.8	221.7	228.8
Imports.....	243.0	252.7	242.2	248.0	252.8	256.1	259.4
Government purchases.....							
Change in business inventories							

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

	1983	1984	1983	1984	1983	1984	1985
Personal consumption expenditures	213.6	220.4	216.0	218.0	219.2	221.5	222.8
Durable goods	177.7	179.0	179.3	179.0	179.5	179.2	178.4
Motor vehicles and parts.....	194.1	197.7	196.3	196.3	197.4	198.5	198.5
Furniture and household equipment.....	158.1	156.5	158.5	157.6	157.4	156.1	155.0
Other.....	185.8	188.9	187.2	188.0	189.0	189.7	189.2
Nondurable goods	213.0	217.7	214.8	217.4	216.4	217.8	219.4
Food.....	220.5	229.4	222.4	228.8	228.4	229.3	231.0
Clothing and shoes.....	143.6	145.3	145.0	144.4	143.6	145.2	147.8
Gasoline and oil.....	344.9	339.4	349.0	340.6	342.5	334.6	340.0
Other nondurable goods.....	230.8	236.8	233.7	235.4	235.6	238.2	238.1
Fuel oil and coal.....	531.2	543.3	531.6	550.0	549.6	538.1	535.0
Other.....	213.6	220.4	216.0	217.5	218.8	221.2	223.1
Services	226.0	237.6	229.7	232.6	236.0	239.7	242.0
Housing.....	212.1	223.9	216.0	218.4	221.9	225.9	229.3
Household operation.....	240.0	253.0	243.8	248.1	251.1	257.3	255.3
Electricity and gas.....	326.2	341.2	331.6	333.0	336.7	350.9	344.0
Other.....	185.2	197.1	187.1	194.4	195.6	198.2	200.3
Transportation.....	228.9	239.3	232.1	234.6	237.2	240.6	244.9
Other.....	232.7	244.0	236.3	239.3	242.8	245.6	248.0

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

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					1985
			1983	1984				
			IV	I	II	III	IV		I^{p}
Government purchases of goods and services.....	234.9	247.4	239.4	243.3	246.2	248.6	251.4	255.2
Federal.....	232.1	241.2	235.6	238.5	240.6	241.5	243.7	247.6
National defense.....	236.6	247.2	240.0	245.1	246.4	247.4	249.8	254.4
Durable goods.....	243.7	257.7	251.8	254.5	255.0	257.5	263.6	266.3
Nondurable goods.....	426.7	417.5	404.8	421.9	425.3	411.9	410.9	418.3
Services.....	224.0	234.6	226.8	232.6	234.0	235.2	236.3	241.8
Compensation of employees.....	211.5	222.5	213.7	221.6	222.2	222.7	223.7	231.0
Military.....	215.4	227.3	218.2	226.5	227.0	227.6	228.2	236.5
Civilian.....	205.9	215.8	207.2	214.6	215.4	215.8	217.2	223.3
Other services.....	244.7	253.0	248.0	250.7	252.6	254.2	254.3	256.8
Structures.....	224.7	235.0	227.0	229.6	234.2	236.5	238.8	240.3
Nondefense.....	220.0	224.7	221.4	215.5	225.1	227.1	228.2	230.7
Durable goods.....	215.8	223.0	218.1	218.9	222.5	224.2	226.1	228.9
Nondurable goods.....								
Commodity Credit Corporation inventory change.....								
Other nondurables.....	309.1	292.3	300.5	263.1	318.7	297.3	292.4	260.4
Services.....	215.1	224.2	217.1	222.6	223.4	224.6	226.2	231.0
Compensation of employees.....	206.7	216.6	208.0	215.6	216.3	216.7	218.0	224.2
Other services.....	228.1	235.8	230.7	233.3	234.7	236.8	238.1	240.5
Structures.....	233.4	239.2	234.6	236.6	238.7	239.5	241.8	243.8
State and local.....	236.7	251.7	241.8	246.4	250.0	253.5	256.9	260.6
Durable goods.....	219.1	225.3	221.2	223.2	224.4	226.1	227.2	228.7
Nondurable goods.....	262.8	269.5	265.0	269.2	270.1	269.2	269.4	267.5
Services.....	235.5	252.6	241.5	246.5	250.6	254.8	258.5	262.8
Compensation of employees.....	228.5	245.8	234.6	239.6	243.9	247.8	252.0	256.7
Other services.....	257.5	273.0	262.8	267.4	270.8	275.7	278.1	281.0
Structures.....	233.0	241.1	234.0	236.8	239.9	242.0	245.2	248.5

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

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					1985
			1983	1984				
			IV	I	II	III	IV		I^{p}
Exports of goods and services.....	241.0	249.4	245.4	247.7	250.4	250.1	249.6	251.0
Merchandise.....	258.9	267.1	264.7	266.7	270.0	267.9	263.9	264.0
Durable goods.....	273.2	279.8	275.8	278.1	279.8	280.8	280.3	281.9
Nondurable goods.....	242.0	251.4	251.2	252.6	257.8	251.7	244.2	241.9
Services.....	219.2	226.8	221.6	223.7	225.7	227.9	230.0	232.7
Factor income.....	214.3	222.6	217.2	219.7	221.5	223.8	225.4	228.4
Other.....	227.3	234.4	229.6	230.9	233.1	235.7	238.0	239.7
Imports of goods and services.....	271.5	266.0	270.3	267.9	269.6	263.3	263.7	255.4
Merchandise.....	290.6	280.7	288.4	282.1	287.0	276.3	278.0	264.7
Durable goods.....	235.9	233.1	235.8	235.6	236.1	231.0	230.0	226.6
Nondurable goods.....	397.5	387.4	397.0	384.4	399.2	381.3	385.4	358.8
Services.....	226.3	228.4	227.0	228.9	227.6	228.6	228.5	229.0
Factor income.....	214.4	222.7	217.2	219.8	221.5	223.8	225.4	228.4
Other.....	235.7	233.6	235.1	237.1	233.3	233.1	231.3	229.5

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

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					1985
			1983	1984				
			IV	I	II	III	IV		I^{p}
Merchandise exports.....	258.9	267.1	264.7	266.7	270.0	267.9	263.9	264.0
Foods, feeds, and beverages.....	226.7	233.9	244.0	242.5	244.8	231.3	218.3	215.3
Industrial supplies and materials.....	276.1	284.7	280.0	282.6	288.9	285.3	281.9	277.1
Durable goods.....	276.2	284.6	280.0	282.7	289.0	285.2	281.9	277.0
Nondurable goods.....	276.1	284.7	280.0	282.6	288.9	285.3	281.9	277.1
Capital goods, except autos.....	263.9	269.0	265.0	266.7	268.4	269.7	271.2	273.0
Autos.....	328.1	338.9	334.0	336.4	338.9	340.2	340.2	342.0
Consumer goods.....	198.8	200.8	198.9	201.2	201.3	200.9	199.6	199.2
Durable goods.....	250.0	242.8	245.4	245.5	245.3	241.4	238.9	239.2
Nondurable goods.....	172.5	179.3	175.4	177.1	179.3	180.6	180.3	180.0
Other.....	259.0	267.1	264.7	266.8	270.1	267.8	263.8	264.1
Durable goods.....	259.0	267.1	264.7	266.8	270.1	267.8	263.8	264.1
Nondurable goods.....	259.0	267.1	264.7	266.8	270.1	267.8	263.8	264.1
Merchandise imports.....	290.6	280.7	288.4	282.1	287.0	276.3	278.0	264.7
Foods, feeds, and beverages.....	237.8	244.2	240.0	241.6	247.8	247.8	239.4	238.4
Industrial supplies and materials, excluding petroleum.....	270.9	267.5	265.4	269.8	271.2	266.2	262.8	254.8
Durable goods.....	271.0	267.5	265.4	270.1	271.0	266.1	262.7	254.6
Nondurable goods.....	270.8	267.4	265.5	269.3	271.4	266.4	262.9	255.0
Petroleum and products.....	1,088.6	1,072.3	1,081.3	1,078.0	1,083.9	1,059.2	1,042.3	1,042.3
Capital goods except autos.....	200.9	196.7	200.1	200.4	198.7	195.7	192.5	190.0
Autos.....	306.5	315.5	313.5	313.3	315.9	316.1	316.6	318.0
Consumer goods.....	221.4	224.1	219.8	224.3	224.7	223.8	223.7	218.8
Durable goods.....	191.3	189.0	189.0	190.6	190.5	188.3	186.9	185.0
Nondurable goods.....	280.4	293.7	283.3	287.3	291.5	295.2	301.1	298.0
Other.....	243.7	242.2	243.3	243.8	245.1	240.9	239.7	235.6
Durable goods.....	243.7	242.2	243.3	243.8	245.1	240.9	239.9	235.6
Nondurable goods.....	243.7	242.2	243.3	243.8	245.1	240.9	239.6	235.6
Addenda:								
Exports:								
Agricultural products.....	227.0	236.9	242.5	243.1	246.9	236.2	222.8	219.6
Nonagricultural products.....	267.5	274.4	270.5	272.9	275.3	275.1	274.4	274.6
Imports of nonpetroleum products.....	243.7	242.4	243.3	243.9	245.3	241.0	239.7	235.6

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

	Index numbers, 1972=100							
	1983	1984	Seasonally adjusted					1985
			1983	1984				
			IV	I	II	III	IV		I^{p}
Inventories¹.....			243.3	245.5	245.1	243.8	242.9	242.6
Farm.....			207.3	211.9	209.1	202.0	196.6	197.1
Nonfarm.....			248.0	249.9	249.8	249.4	249.2	248.7
Durable goods.....			237.2	239.2	239.1	238.8	239.2	239.6
Nondurable goods.....			263.6	265.4	265.2	264.6	263.7	262.2
Manufacturing.....			249.8	252.0	251.7	251.5	251.2	250.4
Durable goods.....			238.6	240.2	240.2	239.8	240.0	240.2
Nondurable goods.....			272.9	276.2	275.4	275.9	275.1	272.1
Wholesale trade.....			250.1	251.6	251.7	249.8	249.7	249.4
Durable goods.....			242.6	244.2	244.7	244.1	244.4	244.5
Nondurable goods.....			263.8	265.2	264.7	260.5	259.5	258.6
Merchant wholesalers.....			245.6	246.7	247.0	245.5	245.0	244.9
Durable goods.....			243.8	245.3	246.0	245.5	245.7	245.8
Nondurable goods.....			248.9	249.4	248.9	245.5	243.7	243.3
Nonmerchant wholesalers.....			274.4	277.8	276.6	273.4	275.2	274.1
Durable goods.....			236.1	238.2	236.9	236.3	237.3	237.4
Nondurable goods.....			340.1	344.9	343.2	337.3	340.7	338.5
Retail trade.....			222.6	225.2	224.4	224.1	225.2	226.7
Durable goods.....			224.6	228.4	227.4	226.6	228.0	230.1
Nondurable goods.....			220.8	222.5	222.1	222.0	222.8	223.8
Other.....			295.0	296.8	299.9	301.2	299.7	296.7
Final sales².....			216.2	217.6	219.3	221.5	223.2	225.8
Final sales of goods and structures.....			207.7	208.3	209.1	210.1	211.6	213.6

Table 7.21:

1. Inventories are as of the end of the quarter.
2. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world.

Gross Product by Industry, 1984

ALL major domestic industries contributed to the 6.8-percent increase in real GNP in 1984. In 1983, when real GNP had increased 3.7 percent, all major domestic industries except the agriculture, forestry, and fisheries industry and the mining industry had increased. The "rest of the world" decreased 13 percent, following a 3-percent decrease in 1983.

The largest percentage increases in 1984 were in agriculture, forestry,

and fisheries (15 percent) and in wholesale trade (13 percent). The large increase in agriculture followed a decline in 1983 due to Federal acreage reduction programs and drought. The large increase in wholesale trade was partly due to the sharply increased volume of merchandise imports.

Construction increased at about three times its 1983 rate. Other industries that had large accelerations—in-

creases at about twice their 1983 rates—were manufacturing; transportation and public utilities; finance, insurance, and real estate; services; and government and government enterprises. Retail trade accelerated slightly.

Estimates for 1984 and earlier years will be revised as part of the comprehensive revision of the national income and product accounts scheduled for December 1985.

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			
	1982	1983	1984	1982	1983	1984	1982	1983	1984	Constant (1972) dollars		Implicit price deflators	
										1983	1984	1983	1984
Gross national product.....	3,069.3	3,304.8	3,662.8	1,480.0	1,534.7	1,639.3	207.4	215.3	223.4	3.7	6.8	3.8	3.8
Domestic industries (gross domestic product).....	3,021.3	3,256.5	3,619.2	1,456.7	1,512.1	1,619.7	207.4	215.4	223.4	3.8	7.1	3.8	3.8
Private industries.....	2,657.1	2,863.9	3,204.7	1,288.4	1,334.0	1,442.3	206.2	214.7	222.2	3.5	8.1	4.1	3.5
Agriculture, forestry, and fisheries.....	85.5	72.7	91.1	44.1	39.1	45.1	193.8	185.7	201.9	-11.3	15.3	-4.1	8.7
Farms.....	75.1	61.5	78.9	38.9	33.8	39.7	192.8	182.0	198.9	-13.2	17.5	-5.6	9.3
Agricultural services, forestry, and fisheries.....	10.4	11.2	12.1	5.2	5.4	5.4	200.7	209.3	223.9	3.0	1.4	4.3	7.0
Mining.....	125.1	112.4	118.5	21.6	21.0	22.4	578.9	534.3	529.9	-2.7	6.3	-7.7	-8
Construction.....	123.7	130.7	148.0	48.9	50.2	54.7	253.1	260.3	270.8	2.7	8.9	2.8	4.0
Manufacturing.....	630.6	685.2	775.7	336.6	354.1	391.2	187.3	193.5	198.3	5.2	10.5	3.3	2.5
Durable goods.....	364.0	389.7	454.3	196.9	208.2	238.2	184.9	187.2	190.8	5.7	14.4	1.2	1.9
Nondurable goods.....	266.5	295.5	321.4	139.7	145.9	153.0	190.8	202.5	210.0	4.4	4.9	6.2	3.7
Transportation and public utilities.....	280.7	306.8	342.2	138.6	142.5	151.1	202.6	215.3	226.5	2.8	6.0	6.3	5.2
Transportation.....	106.4	114.9	129.8	45.9	47.3	50.1	231.9	243.1	258.9	3.0	6.0	4.9	6.5
Communication.....	85.9	92.4	102.8	57.2	58.9	63.3	150.1	156.7	162.4	3.0	7.5	4.4	3.6
Electric, gas, and sanitary services.....	88.4	99.4	109.6	35.5	36.3	37.6	249.4	274.2	291.2	2.3	3.7	9.9	6.2
Wholesale trade.....	211.7	228.9	264.9	107.6	114.4	129.6	196.8	200.1	204.3	6.3	13.3	1.7	2.1
Retail trade.....	277.9	307.3	336.9	142.7	152.3	164.5	194.8	201.7	204.8	6.8	8.0	3.6	1.5
Finance, insurance, and real estate.....	491.0	542.5	598.1	248.1	253.5	265.1	197.9	214.0	225.6	2.2	4.6	8.1	5.4
Finance and insurance.....	129.7	149.4	160.4	66.6	67.7	69.7	194.6	220.5	230.3	1.7	2.8	13.3	4.4
Real estate.....	361.4	393.1	437.7	181.5	185.8	195.4	199.1	211.6	224.0	2.4	5.2	6.3	5.8
Services.....	430.9	477.5	529.4	200.2	206.8	218.7	215.2	230.9	242.1	3.3	5.7	7.3	4.8
Government and government enterprises.....	364.7	392.1	421.9	177.9	178.3	179.6	205.0	219.9	234.9	.2	.7	7.3	6.8
Government.....	324.9	349.2	375.3	156.5	157.0	158.0	207.6	222.4	237.5	.3	.6	7.1	6.8
Government enterprises.....	39.8	42.9	46.7	21.4	21.3	21.7	185.9	201.5	215.5	-4	1.7	8.4	7.0
Statistical discrepancy.....	-.5	.5	-7.4	-.3	.2	-3.6	182.4	199.6	208.5				
Residual ¹				-9.4	-4	1.3							
Rest of the world.....	48.0	48.3	43.6	23.3	22.5	19.6	205.6	214.2	222.5	-3.3	-13.1		

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

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

Plant and Equipment Expenditures, First and Second Quarters and Second Half of 1985

BUSINESS plans to spend \$384.4 billion for new plant and equipment (P&E) in 1985, 8.7 percent more than in 1984, according to the BEA survey conducted in January through March (tables 1 and 2, and chart 5).¹ Spending was \$353.5 billion in 1984, 16.0 percent more than in 1983. The latest estimate of planned spending for 1985 is \$1.3 billion higher than the comparable estimate based on the survey conducted in October and November. That survey showed planned spending of \$383.1 billion for 1985, 8.2 percent more than 1984 spending.²

Real spending—capital spending adjusted to remove price changes—is estimated to increase 7.3 percent in 1985. Real spending increased 14.9 percent in 1984, following a decline of

0.8 percent in 1983 (tables 2 and 3). Estimates of real spending are computed from survey data on current-dollar spending and from estimated capital goods price deflators developed by BEA.³ The capital goods deflator prepared by BEA for “all industries” increased 1.0 percent in 1984 and is projected to increase 1.3 percent in 1985. Survey respondents reported a 4.7-percent increase in prices of cap-

3. Specifically, the current-dollar figures reported by survey respondents are adjusted using implicit price deflators derived from unpublished detailed estimates in the national income and product accounts of current- and constant-dollar nonresidential fixed investment (adjusted to a P&E basis). To estimate planned real spending, the implicit price deflator for each industry is projected using its growth rate over the latest four quarters.

A comprehensive revision of the plant and equipment expenditures series for 1947-83 was completed in February. All P&E data in this article, including those for 1984 and 1985, are on the revised basis. An article describing the revision and presenting revised quarterly and annual estimates for 1947-83 appeared in the February 1985 SURVEY OF CURRENT BUSINESS.

ital goods purchased in 1984 and expect a 5.1-percent increase in 1985 (table 4). Respondents have overestimated capital goods price increases in 14 of the 15 years these data have been collected.

Current-dollar spending in the fourth quarter of 1984 increased 1.7 percent, to an annual rate of \$367.2

Table 1.—New Plant and Equipment Expenditures by Business:
Percent Change From Preceding Year

	1983	1984		1985	
	Actual	Planned ¹	Actual	Planned ²	Planned ³
All industries ⁴	-1.9	18.6	16.0	8.2	8.7
Manufacturing	-3.7	22.0	19.1	10.4	11.0
Durable goods	-4.1	27.4	24.3	12.9	13.7
Primary metals ⁵	-12.4	20.0	17.8	10.2	11.0
Blast furnaces, steel works	-14.1	12.4	8.2	16.3	13.3
Nonferrous metals	-8.4	18.6	22.3	-1.6	1.2
Fabricated metals	-9.0	22.8	21.8	.5	6.8
Electrical machinery	3.8	31.4	27.4	14.3	13.5
Machinery, except electrical .....	.5	25.4	13.8	9.7	6.6
Transportation equipment ⁵	-9.8	33.6	41.8	20.2	26.1
Motor vehicles	-6.2	38.7	52.4	28.7	38.2
Aircraft	-14.7	19.7	22.0	3.4	.4
Stone, clay, and glass	-4.5	30.1	11.5	4.8	.7
Other durables	-4.8	20.0	22.0	12.4	13.3
Nondurable goods	-3.4	17.4	14.7	8.1	8.5
Food including beverage	-11.0	6.3	13.0	15.1	17.0
Textiles	6.2	36.2	23.9	-5.5	2.2
Paper	5.8	15.4	20.7	12.8	9.6
Chemicals	2.3	15.6	18.0	10.0	13.3
Petroleum	-12.3	15.6	10.2	6.8	2.4
Rubber	13.7	16.7	25.9	12.7	10.6
Other nondurables	12.0	31.7	14.7	.9	9.3
Nonmanufacturing ⁴	-.7	16.6	14.1	6.9	7.3
Mining	-24.2	28.0	11.1	1.0	-2.3
Transportation	-5.6	12.3	18.1	4.7	6.3
Railroad	-8.5	32.8	38.7	6.8	8.5
Air	-4.2	-31.6	-18.6	8.5	8.6
Other	-3.7	31.8	30.6	.4	2.5
Public utilities	-1.0	8.0	5.4	2.0	2.1
Electric	3.2	2.8	-.5	-2.7	-2.6
Gas and other	-17.4	33.0	33.8	18.9	19.1
Commercial and other	4.4	19.0	17.4	9.6	10.4

1. Plans reported by business in January and February 1984.
2. Plans reported by business in October and November 1984.
3. Plans reported by business in January through March 1985.
4. Surveyed quarterly.
5. Includes industries not shown separately.

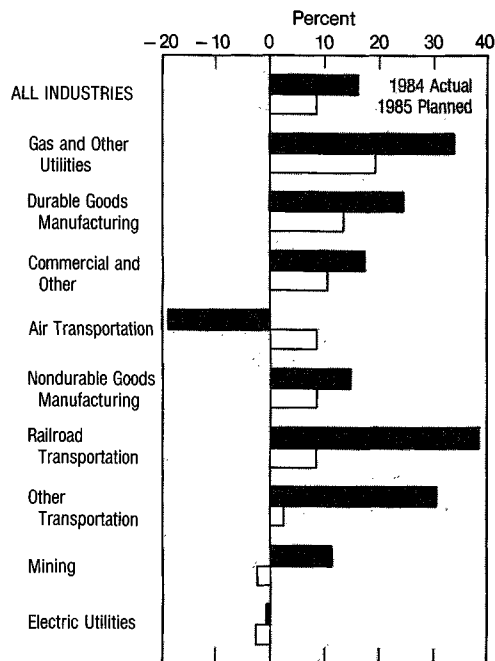
1. The survey covers expenditures both for new facilities and for expansion or replacement of existing facilities that are chargeable to fixed asset accounts and for which depreciation or amortization accounts are ordinarily maintained. The survey excludes expenditures for land and mineral rights; maintenance and repair; used plant and equipment, including that purchased or acquired through mergers or acquisitions; assets located in foreign countries; residential structures; and a few other items.

The estimates presented are universe totals of P&E expenditures in the United States based on sample data compiled from reports on a company basis, not from separate reports for plants or establishments. A company's capital expenditures are assigned to a single industry in accordance with the industry classification of the company's principal product or service.

P&E expenditures differ from nonresidential fixed investment, which is a component of GNP, in type of detail, data sources, coverage, and timing. For further information, see pages 24-25 of the February 1985 SURVEY.

2. Spending plans have been adjusted for systematic reporting biases. Quarterly estimates were adjusted for each industry, for each quarter of the year, based on the median of the ratios of planned to actual spending for that quarter in the preceding 8 years. Annual estimates for 1985 were adjusted for each industry when planned spending deviated from actual spending in the same direction in at least 5 of the preceding 7 years. When this criterion was met, an adjustment was made based on the median of the ratios of planned to actual spending for the preceding 5 years. Before adjustment, planned spending for 1984 was \$385.73 billion for “all industries,” \$162.21 billion for manufacturing, and \$223.51 billion for nonmanufacturing. The net effect of the adjustments was to lower manufacturing \$8.58 billion and to raise nonmanufacturing \$7.25 billion.

CHART 5
Changes in Business Investment



U.S. Department of Commerce, Bureau of Economic Analysis 85-4-5

Table 3.—New Plant and Equipment Expenditures by Business in Constant (1972) Dollars: Percent Change From Preceding Year

	1983		1984		1985	
	Actual	Expected	Actual	Expected	Planned ¹	Planned ²
All industries ³	-0.8	14.9	6.7	7.3		
Manufacturing	-1.0	19.3	9.4	10.4		
Durable goods	-3.1	22.4	11.1	12.0		
Nondurable goods	1.2	16.1	7.6	8.7		
Nonmanufacturing ³	-6	12.4	5.1	5.4		
Mining	-16.5	16.6	2.9	-6		
Transportation	-6.8	15.3	.5	2.4		
Public utilities	-3.2	3.6	1	.5		
Commercial and other	2.3	14.5	7.1	7.5		

1. Calculated from constant-dollar estimates based on current-dollar spending plans reported in October and November 1984.

2. Calculated from constant-dollar estimates based on current-dollar spending plans reported in January through March 1985.

3. Surveyed quarterly.

Table 4.—Change in Prices of Capital Goods Purchased: Percent Change From Preceding Year

	Reported in November-December 1983 survey		Reported in January-March 1985 survey	
	Actual 1983	Expected 1984	Actual 1984	Expected 1985
All industries	4.8	5.9	4.7	5.1
Manufacturing	3.1	5.2	4.4	4.9
Durable goods	4.2	5.3	4.3	4.7
Nondurable goods	2.2	5.0	4.4	5.1
Nonmanufacturing	5.9	6.4	5.0	5.3
Mining	4.1	4.6	.3	3.1
Transportation	5.0	5.9	5.2	4.9
Public utilities	6.2	6.4	5.8	5.7
Commercial and other	6.2	6.6	5.2	5.4

billion, following a 3.7-percent increase in the third quarter; fourth-quarter spending was 0.5 percent lower than anticipated in the previous survey. Plans reported in the latest survey indicate a 3.5-percent increase in the first quarter of 1985, a 2.3-percent increase in the second, and little change from the first to the second half of 1985.

Real spending increased 1.2 percent in the fourth quarter of 1984, following a 3.4-percent increase in the third quarter. Estimates indicate a 3.3-percent increase in the first quarter of 1985, a 2.0-percent increase in the second, and a 0.6-percent decline from the first to the second half of 1985.

Other highlights of the survey are:

- Current-dollar spending for new plant increased 12.1 percent in 1984;

spending for new equipment increased 18.1 percent. For plant, real spending increased 10.7 percent; for equipment, 16.5 percent (table 5).

- Manufacturers expect their sales to increase 9.2 percent in 1985; they reported an 11.1-percent increase for 1984, compared with an expected 11.5-percent increase. In nonmanufacturing, trade firms expect a 9.7-percent increase in 1985; they reported an 11.9-percent increase for 1984, compared with an expected 8.8-percent increase. Public utilities expect a 5.8-percent increase for 1985; they reported a 7.1-percent increase for 1984, compared with an expected 7.5-percent increase (table 6).

- Manufacturers expect the prices of the products and services they sell to increase at a slightly higher rate in 1985 than in 1984 (table 7). They

Table 5.—Expenditures for New Plant and for New Equipment by Business in Current and Constant Dollars

	Billions of dollars		Percent change from preceding year		Billions of 1972 dollars		Percent change from preceding year	
	1983	1984	1983	1984	1983	1984	1983	1984
All industries ¹	304.78	353.54	-1.9	16.0	146.36	168.16	-0.8	14.9
Plant	107.35	120.39	-3.9	12.1	40.44	44.77	-2.4	10.7
Equipment	197.43	233.15	-.7	18.1	105.92	123.39	-.1	16.5
Manufacturing	116.20	138.38	-3.7	19.1	53.67	64.01	-1.0	19.3
Plant	32.38	37.51	-6.2	15.8	10.73	12.63	-2.7	17.7
Equipment	83.82	100.88	-2.7	20.4	42.94	51.38	-.6	19.7
Durable goods	53.08	65.95	-4.1	24.3	27.05	33.10	-3.1	22.4
Plant	9.61	11.59	-8.3	20.6	3.88	4.58	-9.6	18.0
Equipment	43.47	54.36	-3.1	25.1	23.17	28.52	-2.0	23.1
Nondurable goods	63.12	72.43	-3.4	14.7	26.62	30.91	1.2	16.1
Plant	22.77	25.92	-5.3	13.8	6.85	8.06	1.7	17.6
Equipment	40.35	46.51	-2.3	15.3	19.77	22.85	1.0	15.6
Nonmanufacturing ¹	188.58	215.15	-.7	14.1	92.70	104.15	-.6	12.4
Plant	74.97	82.88	-2.8	10.6	29.71	32.14	-2.3	8.2
Equipment	113.61	132.27	.8	16.4	62.98	72.02	.2	14.3
Mining	15.19	16.88	-24.2	11.1	4.37	5.10	-16.5	16.6
Plant	8.48	9.38	-27.9	10.6	1.93	2.31	-16.7	20.1
Equipment	6.72	7.50	-19.0	11.7	2.45	2.78	-16.3	13.8
Transportation	13.97	16.49	-5.6	18.1	6.40	7.39	-6.8	15.3
Plant	5.37	6.68	-.2	24.5	2.33	2.83	-1.8	21.3
Equipment	8.60	9.81	-8.8	14.1	4.07	4.56	-9.4	11.9
Public utilities	44.96	47.39	-1.0	5.4	19.18	19.87	-3.2	3.6
Plant	23.19	29.04	-.4	3.0	11.24	11.30	-3.3	.6
Equipment	16.77	18.36	-2.1	9.5	7.95	8.57	-3.0	7.8
Commercial and other	114.45	134.39	4.4	17.4	62.74	71.80	2.3	14.5
Plant	32.93	37.79	3.7	14.7	14.22	15.70	.9	10.4
Equipment	81.52	96.60	4.7	18.5	48.52	56.11	2.7	15.6
Addenda:								
Total nonfarm business ²	343.35	398.09	-1.2	15.9	167.74	192.58	-.3	14.8
Plant	132.03	149.37	-2.3	13.1	52.86	59.14	-.9	11.9
Equipment	211.31	248.72	-.5	17.7	114.88	133.44	0	16.2
Manufacturing	116.20	138.38	-3.7	19.1	53.67	64.01	-1.0	19.3
Plant	32.38	37.51	-6.2	15.8	10.73	12.63	-2.7	17.7
Equipment	83.82	100.88	-2.7	20.4	42.94	51.38	-.6	19.7
Nonmanufacturing	227.15	259.71	.2	14.3	114.07	128.57	.1	12.7
Plant	99.65	111.86	-1.0	12.3	42.13	46.50	-.4	10.4
Equipment	127.49	147.84	1.1	16.0	71.94	82.06	.3	14.1
Surveyed quarterly	188.58	215.15	-.7	14.1	92.70	104.15	-.6	12.4
Plant	74.97	82.88	-2.8	10.6	29.71	32.14	-2.3	8.2
Equipment	113.61	132.27	.8	16.4	62.98	72.02	.2	14.3
Surveyed annually ³	38.56	44.55	4.5	15.5	21.38	24.41	3.1	14.2
Plant	24.68	28.98	5.0	17.4	12.42	14.37	4.3	15.7
Equipment	13.88	15.57	3.7	12.2	8.96	10.05	1.4	12.1

1. Surveyed quarterly.
2. "All industries" plus the part of nonmanufacturing that is surveyed annually.
3. Consists of real estate; professional services; membership organizations and social services; and forestry, fisheries, and agricultural services.

Table 6.—Change in Business Sales: Percent Change From Preceding Year

	1983		1984		1985	
	Actual ¹	Expected ²	Actual ¹	Expected ²	Actual ¹	Expected ²
Manufacturing	7.5	11.5	11.1	9.2		
Durable goods ⁴	10.9	13.9	16.1	10.2		
Primary metals.....	8.5	14.6	13.2	7.2		
Fabricated metals...	6.7	12.9	14.3	10.5		
Electrical machinery.....	11.4	13.1	16.8	12.1		
Machinery, except electrical.....	-6	19.9	17.6	13.3		
Transportation equipment.....	23.1	13.1	20.1	9.8		
Stone, clay, and glass.....	11.5	10.9	12.1	7.2		
Nondurable goods ⁴	4.3	9.1	6.2	8.0		
Food including beverage.....	3.8	7.6	2.9	8.2		
Textiles.....	10.6	10.1	5.8	5.2		
Paper.....	8.5	13.7	12.7	12.0		
Chemicals.....	9.5	10.6	11.2	7.6		
Petroleum.....	-7.4	6.0	3.2	6.2		
Rubber.....	7.8	11.2	3.7	8.9		
Trade	6.3	8.8	11.9	9.7		
Wholesale.....	3.6	9.2	13.5	8.3		
Retail.....	9.1	8.3	10.2	11.1		
Public utilities	6.2	7.5	7.1	5.8		

1. Manufacturing data are from the Bureau of the Census, Current Industrial Reports, Series M-3. Trade data are from the Bureau of the Census, Current Business Reports, Monthly Wholesale Trade and Monthly Retail Trade. Public utility figures are estimated by BEA from data collected annually in the P&E survey.

2. Expectations for 1984 are based on the survey conducted in January and February 1984.

3. Expectations for 1985 are based on the survey conducted in January through March 1985.

4. Includes industries not shown separately.

expect prices to increase 3.9 percent in 1985; they reported a 3.6-percent increase for 1984, compared with an expected 4.7-percent increase. Public utilities expect a 3.5-percent increase for 1985; they reported a 2.2-percent increase for 1984, compared with an expected 7.6-percent increase.

The planned increase in 1985 capital spending is smaller than the actual increase in 1984 and may reflect the mixed investment climate at the time the survey was conducted. Factors favorable to new investment included fourth-quarter increases in corporate profits and cash flow, as well as an increase in real final sales of GNP, following a decline in the third quarter. Factors less favorable to new investment included fourth-quarter declines in new orders for nondefense capital goods and in the manufacturing capacity utilization rate. Net new capital appropriations in manufacturing were unchanged in the fourth quarter, largely because of an increase in cancellations; appropriations declined sharply in the third quarter. Interest rates—an important factor influencing capital-spending decisions—continued to decline in the fourth quarter of 1984, but increased late in the first quarter of 1985.

Table 7.—Change in Prices of Products and Services Sold by Manufacturing and Utility Companies: Percent Change From Preceding Year

	Reported in November-December 1983 survey		Reported in January-March 1985 survey	
	Actual 1983	Expected 1984	Actual 1984	Expected 1985
	Manufacturing	3.1	4.7	3.6	3.9
Durable goods.....	3.4	5.0	3.4	4.0
Nondurable goods.....	2.8	4.5	3.9	3.7
Public utilities	9.3	7.6	2.2	3.5

Manufacturing Programs

In manufacturing, current-dollar spending increased 2.9 percent in the fourth quarter of 1984, to an annual rate of \$146.2 billion, following a 5.0-percent increase in the third quarter. Durable goods industries increased 4.1 percent in the fourth quarter; nondurables, 1.8 percent. Manufacturers plan a 3.3-percent increase in the first quarter of 1985, a 4.0-percent increase in the second, and a 0.5-percent decline from the first to the second half of 1985.

For the year 1985, manufacturers plan to spend \$153.6 billion, 11.0 percent more than in 1984; the previous survey indicated a planned increase of 10.4 percent. Manufacturers' spending increased 19.1 percent in 1984, following a decline of 3.7 percent in 1983.

Durable goods industries plan a 13.7-percent increase in 1985; almost one-half of this increase is in motor vehicles, which plans a 38.2-percent increase. More than one-third of the planned increase in durables is in electrical machinery, blast furnaces-steel works, and "other durables," which plan increases of 13.5 percent, 13.3 percent, and 13.3 percent, respectively. The planned increase in motor vehicles follows a 52.4-percent increase in 1984; the continued strength was sustained by high profits and the need to modernize in the face of foreign competition. The planned increase in electrical machinery is less than the 1984 increase, but coincides with expected strength in 1985 sales and with high levels of research and development in the semiconductor and defense-related segments of the

Table 8.—Petroleum Industry Expenditures for New Plant and Equipment, by Function

	Billions of dollars			Percent change from preceding year	
	Actual		Planned		
	1983	1984	1985 ¹	1984	1985
Total	23.14	25.50	26.12	10.2	2.4
Production.....	11.11	14.20	16.33	27.8	15.0
Transportation.....	.74	.74	.81	-2	9.4
Refining and petrochemicals.....	4.72	4.05	3.24	-14.1	-20.0
Marketing.....	1.09	1.33	1.38	21.9	4.1
Other.....	5.48	5.18	4.36	-5.6	-15.9

1. The reported plans are adjusted for biases when necessary; adjustments are applied separately to expenditures for each function. Before adjustments, plans for 1985 were \$28.53 billion.

industry, which may lead to new products and processes. The planned increase in blast furnaces-steel works follows a modest increase in 1984, which, in turn, followed a significant decline in 1983; the planned 1985 increase may indicate the need to catch up on investment deferred during the most recent recession. The planned increase in "other durables" is led by miscellaneous manufacturing, reflecting the need to modernize facilities to compete with imported goods, and by instruments, reflecting anticipated sales of high-technology and military-related products.

Nondurable goods industries plan an 8.5-percent increase in 1985; about two-thirds of the increase is in food-beverage, chemicals, and rubber, which plan increases of 17.0 percent, 13.3 percent, and 10.6 percent, respectively. The planned increase in food-beverage may be related to several recent acquisitions in this industry. The planned increase in chemicals follows strong 1984 profits resulting, in part, from lower oil prices, which significantly reduced production costs. In rubber, the planned 1985 increase, while less than one-half of the increase in 1984, may reflect constraints on current capacity; the industry was operating at 92.3 percent of capacity in the fourth quarter of 1984. In petroleum, the relatively modest planned 1985 increase is principally in production activities (table 8).

Real spending by manufacturers is estimated to increase 10.4 percent in 1985—12.0 percent in durables and 8.7 percent in nondurables. In 1984, durables increased 22.4 percent; nondurables, 16.1 percent.

Nonmanufacturing Programs

In nonmanufacturing, current-dollar spending increased 0.9 percent in the fourth quarter of 1984, to an annual rate of \$221.0 billion, following a 2.9-percent increase in the third quarter. Nonmanufacturing industries plan a 3.6-percent increase in the first quarter of 1985, a 1.2-percent increase in the second, and a 0.3-percent increase from the first to the second half of 1985.

For the year 1985, nonmanufacturing industries plan to spend \$230.8 billion, 7.3 percent more than in 1984; the previous survey indicated a planned increase of 6.9 percent. Nonmanufacturing industries' spending increased 14.1 percent in 1984, following a decline of 0.7 percent in 1983.

In 1985, the largest increases are planned in gas utilities, 19.1 percent; "commercial and other," 10.4 percent; air transportation, 8.6 percent; and railroads, 8.5 percent. Electric utilities and mining plan declines of 2.6 percent and 2.3 percent, respectively. The planned increase in gas utilities follows a sizable increase in 1984. Gas transmission companies are expanding in fast-growing regions, providing service to new production fields, and modernizing existing facilities. The planned increase in "commercial and other" accounts for most of the 1985 increase in nonmanufacturing. It may be related to increased competition brought about by deregulation in communication, efforts to automate and renovate facilities in wholesale and retail trade, and the continuing trend to finance capital expenditures by

leasing arrangements in finance and insurance. In air transportation, the planned 1985 increase would be the first since 1982 and would follow the sizable decline in 1984. Airlines' profit positions improved in 1984 and several announced fleet modernization programs. The planned increase in railroads, while substantially less than the increase in 1984, reflects continued spending or replacement and improvement of rails and roadbeds.

Real spending by nonmanufacturing industries is estimated to increase 5.4 percent in 1985; it increased 12.4 percent in 1984. The largest increase for 1985 is in "commercial and other," 7.5 percent. Smaller increases are estimated for transportation, 2.4 percent, and for public utilities, 0.5 percent. A decline of 0.6 percent is estimated for mining.

Federal Budget Developments

REVISED estimates of Federal unified budget receipts and outlays for fiscal years 1985 and 1986 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 most of the legislation passed by Congress so far this year. The major policy change is to the proposed farm bill; it now proposes no change to the tobacco program, contrary to what had been anticipated in February. The revised estimates do not reflect legislation for emergency famine relief and recovery in Africa or the extension of the Federal supplemental unemployment compensation program, both of which were signed into law too late to be incorporated. The revised estimates do not include the compromise on spending cuts agreed to in early April by the administration and Senate leaders. This compromise replaced a fiscal year 1986 budget resolution approved by the Senate Budget Committee in mid-March.

On the basis of the revised economic assumptions, real GNP is expected to increase about 4 percent through the fourth quarter of 1986, the same as expected earlier this year (table 1). Corporate profits are revised up \$12 billion in 1985 and \$7 billion in 1986. Consumer prices rise at a slower rate in 1985—3.7 percent compared with 4.5 percent—but at the same rate in 1986, 4.3 percent, as assumed in February. The unemployment rate and the interest rate assumptions are unchanged.

For fiscal year 1985, a \$213.3 billion deficit is estimated, compared with \$222.2 billion in February (table 2). Receipts are \$3.7 billion higher, due to revised economic assumptions (\$2.6 billion) and reestimates (\$1.2 billion).

Outlays are \$5.2 billion lower; a \$5.6 billion downward revision due to reestimates is partly offset by a \$0.4 billion upward revision due to the revised economic assumptions.

On a program-by-program basis, the revision in outlays is the net of \$6.9 billion in downward revisions and \$1.6 billion in upward revisions. The largest downward revisions are for rural electrification loans (\$1.7 billion), medicare (\$0.7 billion), Social Security benefits (\$0.7 billion), and highway grants (\$0.5 billion). The largest upward revision is for unemployment compensation (\$0.7 billion).

For fiscal year 1986, a deficit of \$177.4 billion is estimated, compared with \$180.0 billion in February. Receipts are \$0.6 billion higher, including \$0.5 billion for the revised economic assumptions. Outlays are \$2.0 billion lower, due to reestimates (\$1.0 billion) and revised economic assumptions (\$1.0 billion).

On a program-by-program basis, the revision in outlays is the net of \$4.7 billion in downward revisions and \$2.6 billion in upward revisions. The largest downward revisions are for rural electrification loans (\$1.3 billion), net interest (\$1.0 billion), and

Table 1.—Economic Assumptions Underlying the April Update of the Fiscal Year 1986 Budget

	Calendar year					
	Actual		Estimates		Differences from February	
	1983	1984	1985	1986	1985	1986
	Billions of dollars					
GNP:						
Current dollars.....	3,305	3,663	3,951	4,285	3	
1972 dollars.....	1,535	1,639	1,701	1,771	-2	
Incomes:						
Personal income.....	2,744	3,012	3,234	3,436	-7	-7
Wages and salaries.....	1,659	1,804	1,924	2,065	-3	
Corporate profits before taxes.....	203	236	254	293	12	7
	Percent change from preceding year					
GNP in current dollars:						
Annual average.....	7.7	10.8	7.9	8.5	.1	
Fourth quarter.....	10.4	9.5	8.3	8.5	-2	
GNP in 1972 dollars:						
Annual average.....	3.7	6.8	3.8	4.1	-.1	.1
Fourth quarter.....	6.3	5.7	3.9	4.0	-.1	
GNP deflator:						
Annual average.....	3.8	3.8	4.0	4.2	.2	-.2
Fourth quarter.....	3.8	3.6	4.2	4.3	-.1	
Consumer Price Index: ¹						
Annual average.....	3.0	3.4	3.7	4.2	.2	-.1
Fourth quarter.....	3.3	3.6	3.7	4.3	-.8	
	Percent					
Employment rate: ²						
Annual average.....	9.4	7.4	7.0	6.9		
Fourth quarter.....	8.5	7.1	6.9	6.8	-.1	-.1
Insured unemployment rate: ³						
Annual average.....	3.9	2.8	2.9	2.8	-.1	
Interest rate: ⁴						
91-day Treasury bills.....	8.6	9.5	8.1	7.9		
10-year Treasury notes.....	11.1	12.4	11.0	10.3		

1. Consumer Price Index for urban earners and clerical workers.
 2. Percent of labor force, including armed forces residing in the United States.
 3. Insured unemployment under the State regular unemployment insurance program, excluding recipients of extended benefits, as percentage of covered employment under that program.
 4. Average rate on new issues within a year. The estimates assume, by convention, that interest rates vary with the rate of inflation. They do not represent a forecast of interest rates.
 Source: "Current Budget Estimates, April 1985."

Social Security benefits (\$0.9 billion). The largest upward revisions are for the agricultural credit insurance fund and for rents and royalties from the Outer Continental Shelf (\$0.6 billion each), medicare (\$0.5 billion), and unemployment compensation (\$0.4 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 1985 receipts are

\$3.5 billion higher, expenditures are \$3.5 billion lower, and the deficit is \$7.0 billion lower than estimated in February. (Details of the February estimates are discussed in the February 1985 SURVEY OF CURRENT BUSINESS.)

The upward revision in receipts is concentrated in corporate profits tax accruals (\$2.6 billion), reflecting higher corporate profits in the revised economic assumptions. Personal tax and nontax receipts are revised up \$0.9 billion, reflecting a reestimate. All other receipts, on balance, are unchanged.

All categories of expenditures are revised down. The largest revision is in the net interest paid (\$1.6 billion), reflecting changes in financing patterns and in the composition of debt. Grants-in-aid to State and local governments are revised down \$0.9 billion; grants for highways and education account for the revision. Transfer payments to persons are revised down \$0.8 billion; a downward revision in Social Security benefits (\$1.6 billion) is partly offset by an upward revision in unemployment benefits (\$0.6 billion) and by small revisions in other programs. All other expenditures together are revised down \$0.3 billion.

For fiscal year 1986, receipts are \$1.2 billion lower, expenditures are \$2.5 billion lower, and the deficit is \$1.3 billion lower. All categories of receipts are revised down, except contributions for social insurance, which are essentially unchanged. The largest revision is in personal tax and nontax payments (\$0.6 billion), reflecting a reestimate. Indirect business tax and nontax accruals are revised down \$0.4 billion, reflecting lower windfall profit taxes and customs duties, and corporate profits tax accruals are revised down \$0.3 billion.

The downward revision in expenditures is more than accounted for by net interest paid (\$2.0 billion) and transfer payments to persons (\$0.7 billion). The revision in net interest paid reflects the same factors mentioned for 1985. The revision in transfer payments to persons is the net result of a \$1.1 billion downward revision in Social Security benefits and a \$0.4 billion upward revision in unemployment benefits. All other expenditures categories together are essentially unchanged.

Table 2.—Federal Government Receipts and Expenditures

	[Billions of dollars]						
	Actual 1984	Fiscal year					
		Estimates					
		1985			1986		
	February	April	Revisions	February	April	Revisions	
Unified budget							
Receipts	666.5	736.9	740.6	3.7	793.7	794.3	0.6
Outlays	851.8	959.1	953.9	-5.2	973.7	971.7	-2.0
Surplus or deficit (-)	-185.3	-222.2	-213.3	8.9	-180.0	-177.4	2.6
National income and product accounts							
Receipts	687.6	758.5	762.0	3.5	826.6	825.4	-1.2
Personal tax and nontax receipts	303.2	340.6	341.5	.9	368.8	368.2	-.6
Corporate profits tax accruals	70.1	75.7	78.3	2.6	93.1	92.8	-.3
Indirect business tax and nontax accruals	55.2	56.1	56.3	.2	57.1	56.7	-.4
Contributions for social insurance	259.1	286.1	285.9	-.2	307.6	307.7	.1
Expenditures	857.9	948.5	945.0	-3.5	992.7	990.2	-2.5
Purchases of goods and services	285.2	326.8	326.7	-.1	354.9	354.9	.....
National defense	215.4	241.5	241.5	.....	271.7	271.7	.....
Nondefense	69.8	85.3	85.2	-.1	83.2	83.2	.....
Transfer payments	348.4	371.2	370.4	-.8	387.5	386.8	-.7
To persons	340.7	361.0	360.2	-.8	377.6	376.9	-.7
To foreigners	7.7	10.2	10.2	.....	9.9	9.8	-.1
Grants-in-aid to State and local governments	90.8	100.0	99.1	-.9	96.1	96.3	.2
Net interest paid	109.7	129.6	128.0	-1.6	142.8	140.8	-2.0
Subsidies less current surplus of government enterprises	23.9	20.8	20.6	-.2	11.4	11.4	.....
Less: Wage accruals less disbursements .....	.1	-.1	-.1	.....	.....	.....	.....
Surplus or deficit (-)	-170.3	-190.0	-183.0	7.0	-166.1	-164.8	1.3

Sources: "Current Budget Estimates, April 1985" 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					
	1984	1985	1985			1986		
	IV	I	II	III	IV	I	II	III
Receipts	721.9	784.5	741.0	782.4	799.6	816.2	836.0	853.9
Personal tax and nontax receipts	327.9	362.1	313.8	350.2	360.7	357.4	370.9	384.7
Corporate profits tax accruals	69.1	80.5	81.4	82.2	83.6	93.3	96.0	98.3
Indirect business tax and nontax accruals	55.9	56.4	56.2	56.1	55.7	57.8	57.6	55.9
Contributions for social insurance	269.0	285.4	289.5	294.0	299.6	307.8	311.5	315.0
Expenditures	919.7	935.0	956.0	969.8	970.9	983.0	996.7	1,009.1
Purchases of goods and services	315.7	320.2	331.7	339.2	343.6	350.7	358.9	366.7
National defense	231.6	234.5	247.4	252.4	257.4	267.4	276.6	285.3
Nondefense	84.1	85.7	84.3	86.8	86.2	83.3	82.3	81.4
Transfer payments	360.4	372.2	374.2	375.0	377.8	387.0	389.8	391.9
To persons	347.2	363.7	364.8	365.2	367.9	377.2	380.0	382.2
To foreigners	13.1	8.5	9.4	9.8	9.9	9.8	9.8	9.7
Grants-in-aid to State and local governments	97.0	97.5	100.2	102.1	100.7	95.2	94.9	94.1
Net interest paid	126.4	126.8	128.1	130.7	134.8	138.8	142.8	146.8
Subsidies less current surplus of government enterprises	20.7	18.5	20.9	22.8	14.0	11.3	10.3	9.6
Less: Wage accruals less disbursements .....	.5	.1	-.9	0	0	0	0	0
Surplus or deficit (-)	-197.8	-150.6	-215.1	-187.4	-171.3	-166.8	-160.7	-155.2

Text continues on p. 35.

Impact of Recent Tax Law Changes

Table 1.—Impact on Federal Government

Line		Economic Recovery									
								Seasonally adjusted			
								1981			
		1981	1982	1983	1984	1985	1986	I	II	III	IV
1	Economic Recovery Tax Act.....	-10.5	-52.4	-107.6	-144.8	-181.2	-225.6	-4.1	-5.5	-6.7	-25.6
2	Total personal tax and nontax receipts.....	-4.8	-41.2	-87.1	-117.5	-141.4	-172.1			-.6	-18.5
3	Total withheld income tax.....	-4.5	-32.2	-62.8	-86.1	-101.7	-121.0				-17.9
4	Rate reductions:										
5	October 1981.....	-4.4	-18.1	-19.1	-21.4	-23.6	-26.5				-17.7
6	July 1982.....		-13.3	-27.8	-31.1	-34.3	-38.5				
7	July 1983.....			-14.6	-31.9	-35.2	-39.5				
8	Indexing.....					-6.3	-14.0				
9	Other.....	-.1	-.8	-1.3	-1.7	-2.2	-2.5				-.3
10	Declaration and net settlements.....	-.3	-8.4	-21.6	-27.6	-34.4	-44.2			-.6	-.6
11	Rate reductions.....	-.1	-3.7	-7.9	-8.2	-10.7	-13.0			-.2	-.2
12	Married couples deduction.....		-.2	-2.7	-5.3	-5.5	-5.8				
13	Indexing.....					-.7	-2.0				
14	Accelerated cost recovery system.....	-.2	-1.7	-3.0	-4.3	-5.8	-7.8			-.4	-.4
15	Tax-exempt certificates (all-savers).....		-.3	-1.2	-.3						
16	Other.....		-2.6	-6.9	-9.3	-11.7	-15.6			.1	.1
17	Estate and gift taxes.....		-.7	-2.6	-3.9	-5.3	-6.9				
18	Corporate profits tax accruals.....	-5.7	-11.2	-20.8	-27.7	-39.8	-53.7	-4.1	-5.5	-6.1	-7.1
19	Accelerated cost recovery system.....	-4.8	-9.9	-18.9	-24.9	-35.6	-49.6	-3.3	-4.6	-5.2	-6.1
20	Other.....	-.8	-1.2	-1.9	-2.8	-4.3	-4.1	-.7	-.8	-.8	-.9
21	Indirect business tax and nontax accruals.....		-.5	-.2		-.6	-.5				
22	Windfall profit tax.....		-.5	-.8	-.7	-.6	-.5				
23	Telephone excise extension.....			.6	.7						
24	Contributions for social insurance.....		.5	.5	.6	.6	.6				
25	Railroad retirement.....		.5	.5	.6	.6	.6				
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
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41											
42											
43											
44											
45											
46											
47											
48											
49											
50											
25	Tax Equity and Fiscal Responsibility Act.....		1.9	33.4	36.1	42.6	57.3				
26	Total personal tax and nontax receipts.....			15.6	12.0	12.3	15.1				
27	Total withheld income tax.....			14.5	22.8	24.5	26.1				
28	Interest and dividends.....			12.2	20.2	21.5	22.7				
29	Other.....			2.3	2.7	3.0	3.4				
30	Declarations and net settlements.....			.8	-11.1	-12.4	-1.2				
31	Interest and dividends.....			-.2	-14.8	-17.4	-18.3				
32	Deductions for medical expenses.....			.1	1.6	1.5	1.7				
33	Other.....			.9	2.1	3.4	5.4				
34	Estate and gift tax.....			.3	.3	.3	.3				
35	Corporate profits tax accruals.....		1.6	9.3	15.2	20.7	36.3				
36	Insurance provisions.....		1.1	1.5	2.6	2.9	3.2				
37	Safe-harbor leasing.....		.3	1.9	3.6	5.0	6.3				
38	Long-term contract accounting.....			1.8	2.8	2.3	2.4				
39	Investment tax credit.....			.9	2.0	3.1	4.4				
40	Accelerated cost recovery system.....					2.6	14.7				
41	Other.....		.2	3.3	4.3	4.8	5.3				
42	Indirect business tax and nontax accruals.....		.3	4.5	4.7	5.2	1.5				
43	Airport and airways excise.....		.3	.9	1.1	1.3	1.5				
44	Tobacco excise.....			2.3	2.2	1.6					
45	Telephone excise.....			1.2	1.4	2.2					
46	Windfall profit tax.....			.1							
47	Contributions for social insurance.....			4.0	4.3	4.3	4.5				
48	State unemployment insurance.....			2.2	2.1	2.0	1.8				
49	Federal employees hospital insurance.....			1.7	1.8	2.0	2.2				
50	Supplemental medical insurance.....			.1	.3	.4	.4				

of Selected Tax Law Changes—Continued

Act of 1984												Line
at annual rates												
1984				1985				1986				
I	II	III	IV	I	II	III	IV	I	II	III	IV	
0.1	0.7	2.3	2.8	10.4	10.6	10.8	12.1	18.2	18.7	19.2	19.8	1
		1.3	1.3	5.6	5.7	5.8	6.2	8.4	8.5	8.7	8.9	2
				.1	.1	.1	.1	.2	.2	.2	.2	3
		1.3	1.3	5.5	5.6	5.7	5.8	7.9	8.0	8.2	8.3	4
		.1	.1	1.1	1.1	1.1	1.1	3.0	3.1	3.1	3.2	5
				.9	.9	.9	.9	2.8	2.8	2.9	3.0	6
		1	1	2	2	2	2	2	2	2	2	7
								.1	.1	.1	.1	8
		2	2	2.0	2.0	2.0	2.1	1.8	1.8	1.9	1.9	9
		4	4	.8	.8	.8	.8	1.2	1.2	1.3	1.3	10
		2	2	.4	.4	.4	.4	.7	.7	.7	.7	11
				.2	.2	.2	.2	.7	.7	.7	.7	12
				.1	.1	.1	.1	.3	.3	.4	.4	13
		8	8	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.6	14
		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	15
		-1	-1	-3	-3	-3	-3	-6	-6	-7	-7	16
		-1	-1	-1	-1	-1	-1	-6	-6	-6	-6	17
								3	3	3	4	18
.1	.7	1.4	2.1	4.8	4.9	5.0	5.2	6.5	6.8	7.0	7.3	19
.2	.4	.4	.6	1.5	1.5	1.5	1.6	2.3	2.4	2.5	2.6	20
	.2	.2	.4	.7	.7	.7	.7	1.2	1.3	1.3	1.4	21
				.6	.6	.6	.6	.8	.8	.9	.9	22
.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	23
.2	.2	.2	.3	.5	.5	.6	.6	.9	1.0	1.0	1.0	24
	.1	.1	.3	.3	.3	.4	.4	.8	.8	.8	.8	25
	.2	.2	.2	.7	.7	.7	.7	.7	.8	.8	.8	26
.1	.3	.3	.5	1.4	1.5	1.5	1.6	1.4	1.5	1.5	1.6	27
				.4	.4	.4	.4	.4	.4	.4	.4	28
	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	29
.1	.1	.1	.1	.8	.8	.9	.9	.8	.8	.8	.8	30
.6	.6	1.1	1.3	1.7	1.7	1.7	1.8	1.8	1.8	1.9	2.0	31
-8	-8	-8	-8	-9	-9	-9	-9	-9	-1.0	-1.0	-1.1	32
				-2	-2	-2	-2	-3	-3	-3	-3	33
-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	34
		-4	-4	.2	.2	.2	.8	3.2	3.3	3.3	3.4	35
		-5	-5	.1	.1	.1	.7	3.1	3.2	3.2	3.3	36
								2.4	2.5	2.5	2.6	37
								.6	.6	.6	.6	38
												39
		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	40
				-2	-2	-2	-2	.1	.1	.1	.1	41
				-2	-2	-2	-2	.1	.1	.1	.1	42
Legislation												
-4.5	-5.2	-4.0	-4.0	.7	1.5	.3	.5	1.1	1.4	1.6	2.0	43
-19.5	-19.9	-20.2	-20.5	-20.9	-21.0	-21.4	-21.6	-21.6	-21.7	-21.9	-22.1	44
-19.6	-20.1	-20.3	-20.7	-21.0	-21.2	-21.5	-21.7	-21.8	-21.9	-22.1	-22.2	45
.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	46
15.0	14.7	16.2	16.5	21.5	22.6	21.7	22.1	22.7	23.1	23.6	24.1	47
14.7	15.0	15.3	15.5	17.7	18.0	18.3	18.7	18.9	19.3	19.6	20.1	48
-6	-1.3			.6	1.3							49
.9	.9	.9	.9	3.1	3.2	3.2	3.3	3.7	3.7	3.8	3.9	50
				.1	.1	.1	.1	.1	.1	.1	.1	51
6.1	6.2	6.3	6.4	6.6	8.5	6.3	6.0	6.1	6.1	6.2	6.2	52
5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1	6.2	6.2	53
.7	.7	.7	.7	.8	2.7	.3						54
.7	.7	.7	.7	.7	.7							55
				.1	2.7	.3						56
7.2	7.3	7.3	7.5	5.5	5.5	5.5	5.6	7.2	7.2	7.2	7.3	57
7.2	7.3	7.3	7.5	5.5	5.5	5.5	5.6	7.2	7.2	7.2	7.3	58
4.4	4.5	4.5	4.6									59
.4	.4	.4	.4	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	60
1.9	1.9	1.9	1.9	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	61
.5	.5	.5	.5	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	62

The Highway Revenue Act of 1982.—This legislation was enacted in January 1983. Its major provision was to increase the existing excise tax on gasoline and diesel fuel by 5 cents per gallon (from 4 cents to 9 cents) from April 1, 1983, through September 30, 1988. Other provisions are:

- Repeal of taxes on automobile tires, small truck tires, nonhighway-use tires, inner tubes, and tread rubber.
- Repeal of taxes on lubricating oil and on retail sales of lightweight trailers and trucks.
- An increase in taxes on heavy-duty trucks and trailers.

The Social Security Amendments of 1983.—This legislation was enacted in April 1983; a more complete discussion is in the February 1983 and April 1983 issues of the SURVEY. Major provisions, effective January 1, 1984, are:

- Acceleration of a previously scheduled payroll tax rate increase.
- A 0.3-percentage-point reduction in the employee share of the rate increase in 1984.
- An increase in the self-employed tax rate to 100 percent of the combined employer-employee rate for Social Security and medicare. Previously the rate had been 75 percent and 50 percent, respectively, of the combined rates. A 2.7-percentage-point reduction was, in effect, provided in 1984; a reduction of 2.3 percentage points was provided in 1985 and of 2.0 percentage points in 1986-89.
- Mandatory coverage of new Federal civilian employees and employees of nonprofit organizations. Participating State and local governments will no longer be allowed to withdraw.
- Taxation of 50 percent of Social Security benefits when income exceeds \$25,000 for single taxpayers and \$32,000 for married couples. Previously, these benefits had been exempt from Federal income tax.

The Interest and Dividends Tax Compliance Act of 1983.—This legislation was enacted in August 1983. The major provision of this act was repeal of the 10-percent interest and dividend withholding provision of TEFRA. This act replaced the 10-percent withholding provision with a "backup withholding" of 20 percent for recipients who fail to provide accurate taxpayer identification information to specified payers of interest and dividends. Other provisions provided for tax incentives on expenses incurred in attending business conventions in qualifying Caribbean Basin countries.

The Railroad Retirement Revenue Act of 1983.—This legislation was enacted in August 1983. This legislation was necessary, as were the Social Security amendments, to provide for the long-term financial soundness of the employee retirement system. Major provisions are:

- An increase in railroad retirement payroll taxes for employers and employees.
- An increase in railroad unemployment insurance taxes effective January 1, 1984.
- Taxation of retirement benefits in excess of contributions.

Personal Income and Adjusted Gross Income 1981-83

THE 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 1981-82 is revised and extended to 1983 in this article. The revised reconciliation incorporates the revision of personal income for 1981-83 published in July 1984 and the final tabulation of AGI for 1982 published by IRS in 1984. The 1983 reconciliation is based on preliminary tax

data from individual income tax returns for tax year 1983.

The reconciliation items in tables 1-3 allow the construction from personal income (line 1) of a BEA-derived AGI (line 22) that conforms to the IRS definition of AGI (line 23). (These reconciliation items are explained in detail in articles in the November 1981 and April 1983 issues of the SURVEY OF CURRENT BUSINESS.) The difference between the BEA-derived

AGI and the IRS measure of AGI is called the AGI gap (line 24). The AGI gap can be viewed as evidence of non-compliance with the tax code, but with the following caveats: The AGI gap includes 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, gross errors and omissions in the estimate of reconciliation items, and the net effect of

Table 1.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1981

[Billions of dollars]

Line		Personal income										
		Total	Wages and salaries	Proprietors' income ¹		Personal dividend income	Rental income of persons ²	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	Income not included in personal income
				Farm	Nonfarm							
1	Personal income	2,429.5	1,493.1	31.5	93.7	64.3	42.3	331.8	³ 37.4	3.1	⁴ 332.2	0
2	Less: Portion of personal income not included in adjusted gross income, total.	663.6	12.3	14.3	16.2	8.8	18.2	127.7	0	0	434.7	⁵ 31.4
3	Transfer payments except taxable military retirement and taxable government pensions.	296.7	0	0	0	0	0	0	0	0	296.7	0
4	Other labor income except fees	138.0	0	0	0	0	0	0	0	0	138.0	0
5	Imputed income in personal income	113.5	6.5	4.4	.8	0	13.1	37.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds.	51.7	0	0	0	0	0	51.7	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries.	23.7	0	0	.1	6.4	.5	16.6	0	0	.1	0
8	Differences in accounting treatment between NIPA's and tax regulations, net.	36.6	0	9.8	15.3	.4	4.6	6.5	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income.	55.1	5.8	0	0	2.0	0	15.9	0	0	0	31.4
10	Plus: Portion of adjusted gross income not included in personal income, total.	177.7	3.2	0	.3	0	1.1	0	35.2	0	104.5	⁷ 33.5
11	Personal contributions for social insurance	104.5	0	0	0	0	0	0	0	0	104.5	0
12	Net gain from sale of assets	31.1	0	0	0	0	0	0	0	0	0	31.1
13	Taxable private pensions ⁶	35.0	0	0	0	0	0	0	35.0	0	0	0
14	Small business corporation income	-.8	0	0	0	0	0	0	0	0	0	-.8
15	Other types of income	8.0	3.2	0	.3	0	1.1	0	.2	0	0	3.3
16	Plus: Intercomponent reallocation, total	0	3.5	(*)	4.9	18.4	0	-23.4	-1.5	0	-1.9	0
17	Fees in other labor income	0	2.0	0	0	0	0	0	0	0	-2.0	0
18	Fiduciaries' share of partnership income	0	0	(*)	-1	0	0	0	0	0	.1	0
19	Interest received by nonfarm proprietors	0	0	0	5.0	0	0	-5.0	0	0	0	0
20	Interest distributed by regulated investment companies	0	0	0	0	18.4	0	-18.4	0	0	0	0
21	Disability income payments	0	1.5	0	0	0	0	0	-1.5	0	0	0
22	Equals: BEA-derived adjusted gross income	1,943.6	1,487.5	17.2	82.7	73.9	25.2	180.8	71.1	3.1	0	2.1
23	Adjusted gross income of IRS (reallocated)	1,772.6	1,486.1	-7.8	53.1	46.2	3.3	135.5	51.9	2.3	0	2.1
24	Adjusted gross income (AGI) gap	171.0	1.4	25.0	29.6	27.7	21.9	45.4	19.2	.8	0	0
25	Percent distribution of AGI gap	100.0	.8	14.6	17.3	16.2	12.8	26.5	11.2	.5	0	0
26	AGI gap as a percentage of BEA-derived AGI	8.8	(**)	145.5	35.8	37.5	86.7	25.1	27.0	25.9	0	0
27	AGI of IRS as a percentage of BEA-derived AGI	91.2	100.0	-44.5	64.2	62.5	13.3	74.9	73.0	74.1	0	0

See footnotes at the end of table 3.

errors in personal income and AGI of IRS.¹

The AGI gap as a percentage of the BEA-derived AGI (hereafter, the relative gap) was revised down by very small amounts in 1981 and 1982, reflecting downward revisions in the relative gaps for nonfarm proprietors' income and personal interest income. The 1982 relative AGI gap still shows a decline from 1981, the first since 1976. However, the 1983 relative AGI gap shows an increase.

The combined relative gap for personal dividend income and personal interest income increased in 1983, following a substantial decline in 1982;

1. For a discussion of why the AGI gap is not a measure of the size of the underground economy, see Carol S. Carson, "The Underground Economy: An Introduction," SURVEY 64 (July 1984): 107.

however, it was still below the relative gap that prevailed in the 1977-81 period. The 1982 decline and 1983 increase may be partly attributable to legislative action on withholding on interest and dividends. The Tax Equity and Fiscal Responsibility Act of 1982 (TEFRA) imposed a 10-percent withholding on interest and dividend payments, effective July 1, 1983, but this provision was repealed by the Interest and Dividends Compliance Act of 1983. On the other hand, the relative gap for taxable pensions declined substantially in 1983, following an increase in 1982. The 1983 decline also may be partly attributable to TEFRA, which imposed an optional withholding system for taxable pension payments made after 1982.

The size and changes in the total gap and its components should be in-

terpreted with caution because the 1983 IRS data on AGI and its components, as reported in *Statistics of Income Bulletin*, are preliminary. In addition, a comprehensive revision of the national income and product accounts is in progress, and that revision is expected to increase wages and salaries and nonfarm proprietors' income substantially. The increase is based on new information about the extent of underreporting on tax returns and of the failure to file income and employment tax returns.²

Tables 4 and 5 provide historical data for the AGI gap and the relative gap.

2. For detail, see Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to estimate the National Income Product Accounts, 1977," SURVEY 64 (June 1984): 17-25.

Table 2.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1982

[Billions of dollars]

Line		Personal income										
		Total	Wages and salaries	Proprietors' income ¹		Personal dividend income	Rental income of persons ²	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	Income not included in personal income
				Farm	Nonfarm							
1	Personal income	2,584.6	1,568.7	21.8	89.2	66.5	51.5	366.6	³ 40.3	9.0	⁴ 370.9	0
2	Less: Portion of personal income not included in adjusted gross income, total.....	759.4	13.6	4.4	20.0	9.2	21.4	146.0	0	0	480.1	⁵ 64.9
3	Transfer payments except taxable military retirement and taxable government pensions.....	326.7	0	0	0	0	0	0	0	0	326.7	0
4	Other labor income except fees.....	153.3	0	0	0	0	0	0	0	0	153.3	0
5	Imputed income in personal income.....	74.3	6.9	4.7	.7	0	18.2	43.9	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds.....	62.2	0	0	0	0	0	62.2	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries.....	25.3	0	0	.1	6.6	.5	18.1	0	0	.1	0
8	Differences in accounting treatment between NIPA's and tax regulations, net.....	28.5	0	-.3	19.1	.7	2.7	6.2	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income.....	89.1	6.8	0	0	1.9	0	15.5	0	0	0	64.9
10	Plus: Portion of adjusted gross income not included in personal income, total.....	196.1	3.6	0	.3	0	1.3	0	49.4	0	111.4	⁷ 30.1
11	Personal contribution for social insurance.....	111.4	0	0	0	0	0	0	0	0	111.4	0
12	Net gain from sale of assets.....	35.0	0	0	0	0	0	0	0	0	0	35.0
13	Taxable private pensions ⁶	49.2	0	0	0	0	0	49.2	0	0	0	0
14	Small business corporation income.....	-.9	0	0	0	0	0	0	0	0	0	-.9
15	Other types of income.....	1.3	3.6	0	.3	0	1.3	0	.2	0	0	-4.1
16	Plus: Intercomponent reallocation, total.....	0	3.6	-(*)	5.1	21.1	0	-26.3	-1.4	0	-2.2	0
17	Fees in other labor income.....	0	2.3	0	0	0	0	0	0	0	-2.3	0
18	Fiduciaries' share of partnership income.....	0	0	-(*)	-1	0	0	0	0	0	.1	0
19	Interest received by nonfarm proprietors.....	0	0	0	5.2	0	0	-5.2	0	0	0	0
20	Interest distributed by regulated investment companies.....	0	0	0	0	21.1	0	-21.1	0	0	0	0
21	Disability income payments.....	0	1.4	0	0	0	0	0	-1.4	0	0	0
22	Equals: BEA-derived adjusted gross income.....	2,021.3	1,562.4	17.5	74.7	78.3	31.4	194.4	88.4	9.0	0	-34.8
23	Adjusted gross income of IRS (reallocated).....	1,852.1	1,565.0	-9.9	49.9	52.1	.4	162.3	60.1	7.1	0	-34.8
24	Adjusted gross income (AGI) gap.....	169.1	-2.7	27.4	24.9	26.2	31.0	32.1	28.3	1.9	0	0
25	Percent distribution of AGI gap.....	100.0	-1.6	16.2	14.7	15.5	18.4	19.0	16.7	1.1	0	0
26	AGI gap as a percentage of BEA-derived AGI.....	8.4	-1	156.8	33.3	33.4	98.8	16.5	32.0	21.5	0	0
27	AGI of IRS as a percentage of BEA-derived AGI.....	91.6	101.1	-56.8	66.7	66.6	11.2	83.5	68.0	78.5	0	0

See footnotes at the end of table 2.

Table 3.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1983

[Billions of dollars]

Line		Personal income										
		Total	Wages and salaries	Proprietors' income ¹		Personal dividend income	Rental income of persons ²	Personal interest income	Taxable pensions	Taxable unemployment compensation	Other personal income	Income not included in personal income
				Farm	Nonfarm							
1	Personal income	2,744.2	1,659.2	13.8	107.9	70.3	58.3	376.3	³ 43.6	9.6	⁴ 405.1	0
2	Less: Portion of personal income not included in adjusted gross income, total.....	834.4	14.7	-2.0	27.2	9.8	26.3	154.3	0	0	522.4	⁵ 81.6
3	Transfer payments except taxable military retirement and taxable government pensions.....	351.7	0	0	0	0	0	0	0	0	351.7	0
4	Other labor income except fees.....	170.6	0	0	0	0	0	0	0	0	170.6	0
5	Imputed income in personal income.....	85.6	7.3	4.4	1.2	0	21.8	51.0	0	0	0	0
6	Investment income retained by life insurance carriers and noninsured pensions funds.....	67.4	0	0	0	0	0	67.4	0	0	0	0
7	Investment income received by nonprofit institutions or retained by fiduciaries.....	25.0	0	0	.1	6.9	.5	17.5	0	0	.1	0
8	Differences in accounting treatment between NIPA's and tax regulations, net.....	27.0	0	-6.4	26.0	1.1	4.0	2.3	0	0	0	0
9	Other personal income exempt or excluded from adjusted gross income.....	107.1	7.5	0	0	1.9	0	16.2	0	0	0	81.6
10	Plus: Portion of adjusted gross income not included in personal income, total.....	224.8	4.0	0	.3	0	1.4	0	52.0	0	119.6	⁷ 47.5
11	Personal contributions for social insurance.....	119.6	0	0	0	0	0	0	0	0	119.6	0
12	Net gain from sale of assets.....	46.5	0	0	0	0	0	0	0	0	0	46.5
13	Taxable private pensions ⁶	51.8	0	0	0	0	0	0	51.8	0	0	0
14	Small business corporation income.....	3.2	0	0	0	0	0	0	0	0	0	3.2
15	Other types of income.....	3.7	4.0	0	.3	0	1.4	0	.2	0	0	-2.2
16	Plus: Intercomponent reallocation, total.....	0	3.8	-(*)	5.0	15.1	0	-20.2	-1.3	0	-2.4	0
17	Fees in other labor income.....	0	2.5	0	0	0	0	0	0	0	-2.5	0
18	Fiduciaries' share of partnership income.....	0	0	-(*)	-1	0	0	0	0	0	.1	0
19	Interest received by nonfarm proprietors.....	0	0	0	5.1	0	0	-5.1	0	0	0	0
20	Interest distributed by regulated investment companies.....	0	0	0	0	-15.1	0	15.1	0	0	0	0
21	Disability income payments.....	0	1.3	0	0	0	0	0	-1.3	0	0	0
22	Equals: BEA-derived adjusted gross income.....	2,134.6	1,652.3	15.7	86.1	75.5	33.3	201.8	94.3	9.6	0	-34.1
23	Adjusted gross income of IRS (reallocated).....	1,950.8	1,651.7	-8.6	59.1	48.9	-1.9	158.3	70.1	7.1	0	-34.1
24	Adjusted gross income (AGI) gap.....	183.8	.5	24.3	27.0	26.6	35.2	43.5	24.2	2.5	0	0
25	Percent distribution of AGI gap.....	100.0	.3	13.2	14.7	14.3	19.2	23.7	13.2	1.4	0	0
26	AGI gap as a percentage of BEA-derived AGI.....	8.6	(*)	154.5	31.3	35.2	105.6	21.6	25.7	25.9	0	0
27	AGI of IRS as a percentage of BEA-derived AGI.....	91.4	100.0	-54.5	68.7	64.8	-5.6	78.4	74.3	74.1	0	0

* Less than \$0.1 billion.

** Less than 0.01 percent.

1. With inventory valuation and capital consumption adjustments.

2. With capital consumption adjustment.

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

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

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

5. Statutory adjustments.

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

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

Table 4.—Adjusted Gross Income Gap, Total and by Type of Income, 1947-83

[Billions of dollars]

Year	Total	Wages and salaries	Proprietors' income ¹		Personal dividend income	Rental income of persons ²	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
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	3.0	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	28.6	6.0	7.2	5.1	1.9	3.2	3.4	.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	223.7
1954	25.7	6.4	5.3	5.0	2.1	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	901.4	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	18.2	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	151.3	3.7	21.2	29.4	18.6	16.4	44.9	16.4	.7	1,765.1	8.6	1,613.7
1981	171.0	1.4	25.0	29.6	27.7	21.9	45.4	19.2	.8	1,943.6	8.8	1,772.6
1982	169.1	-2.6	27.4	24.9	26.2	31.0	32.1	28.3	1.9	2,021.3	8.4	1,852.1
1983	183.8	.5	24.3	27.0	26.6	35.2	43.5	24.2	2.5	2,134.6	8.6	1,950.8

1. With inventory valuation and capital consumption adjustments.

2. With capital consumption adjustment.

Table 5.—Adjusted Gross Income Gap as a Percentage of BEA-derived AGI, 1947-83

Year	Total	Wage and salaries	Proprietors' income ¹		Personal dividend income	Rental income of persons ²	Personal interest income	Taxable pensions	Taxable unemployment compensation
			Farm	Non-farm					
1947	13.3	3.5	74.1	8.9	24.9	54.9	48.6	55.3	
1948	12.4	4.2	69.6	9.1	22.3	52.7	47.2	48.9	
1949	12.7	4.9	69.4	14.2	21.5	44.1	45.1	34.2	
1950	11.6	3.8	64.2	17.6	24.4	43.9	47.8	41.0	
1951	11.7	3.9	66.7	18.0	23.1	46.0	49.4	43.7	
1952	11.0	3.3	64.8	19.5	24.7	47.1	49.0	42.7	
1953	10.9	3.2	62.9	21.2	26.6	47.0	53.0	43.9	
1954	10.1	3.3	59.0	18.5	10.3	49.3	62.1	39.9	
1955	9.6	3.2	52.2	19.7	10.8	48.9	63.8	44.1	
1956	9.4	3.7	51.6	15.1	8.7	44.9	64.4	48.8	
1957	9.0	2.9	47.9	18.9	6.5	47.1	65.0	45.6	
1958	10.1	3.5	51.9	19.7	7.9	49.4	64.4	45.0	
1959	9.2	2.7	57.9	18.5	8.5	51.2	61.5	48.4	
1960	9.4	3.0	60.6	17.8	11.7	45.6	59.8	49.3	
1961	8.5	2.4	54.3	18.4	10.1	45.3	53.8	48.7	
1962	8.4	2.7	51.6	15.9	11.4	41.8	52.8	44.5	
1963	8.0	2.2	58.4	15.8	11.5	46.3	46.4	42.9	
1964	8.6	2.6	60.5	16.1	15.5	51.1	47.6	43.1	
1965	8.2	2.0	53.1	15.1	16.8	56.1	48.5	43.0	
1966	8.7	3.0	56.3	15.7	11.5	49.8	46.0	40.1	
1967	7.6	2.1	50.2	15.1	13.0	51.2	44.3	40.7	
1968	7.6	2.4	56.6	13.2	14.2	51.2	43.1	36.2	
1969	7.5	1.9	60.2	15.7	12.6	54.1	41.8	36.9	
1970	7.9	1.9	65.5	17.3	10.9	55.5	43.6	38.9	
1971	7.8	1.8	71.1	18.0	13.8	54.5	40.9	38.9	
1972	7.4	1.2	63.7	19.0	14.0	57.0	38.3	38.4	
1973	8.2	1.5	62.6	19.4	13.3	51.5	39.5	35.5	
1974	7.5	.2	71.0	22.0	12.5	52.1	37.8	32.0	
1975	7.0	.7	67.5	23.1	11.1	49.7	35.5	29.8	
1976	6.9	.3	69.4	24.7	19.7	43.9	33.7	29.8	
1977	7.5	.9	89.7	24.5	20.3	62.0	33.9	26.8	
1978	8.1	1.0	74.6	24.7	23.2	61.6	35.8	29.2	
1979	8.3	.3	82.8	29.9	26.7	69.8	37.5	28.9	
1980	8.6	.3	106.5	31.3	32.4	78.6	29.8	27.4	
1981	8.8	(*)	145.5	35.8	37.5	86.7	25.1	27.0	
1982	8.4	(**)	156.8	33.3	33.4	98.8	16.5	32.0	
1983	8.6	(*)	154.5	31.3	35.2	105.6	21.6	25.9	

* Less than 0.1 percent.
 ** Negative.
 1. With inventory valuation and capital consumption adjustments.
 2. With capital consumption adjustment.

Text continued from p. 27.

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

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

	Fiscal year		
	1984	1985	1986
Unified budget receipts	666.5	740.6	794.3
Less: Coverage differences	1.8	1.9	2.1
Plus: Netting differences:			
Contributions to government employees retirement funds	13.1	14.7	15.1
Other	12.3	13.9	16.1
Timing differences:			
Corporate income tax	-1.9	-6.8	.3
Federal and State unemployment insurance taxes	-4	.5	-4
Withheld personal income tax and Social Security contributions .....	.2	2.1	2.3
Excise taxes	-7	-1.1	-2
Other			
Miscellaneous			
Equals: Federal Government receipts, NIPA's	687.6	762.0	825.4

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

	[Billions of dollars]		
	Fiscal year		
	1984	1985	1986
Unified budget outlays	851.8	953.9	971.7
Less: Coverage differences:			
Geographic	5.0	5.2	5.2
Other .....	.2	.2	-1.2
Financial transactions:			
Net lending	18.2	34.8	12.7
Other	-1	-1.4	-1.7
Net purchases of land:			
Outer Continental Shelf	-3.5	-1.8	-3.3
Other .....	.1	.3	.1
Plus: Netting differences:			
Contributions to government employees retirement funds	13.1	14.7	15.1
Other	12.3	13.9	16.1
Timing differences:			
National defense purchases	2.2	1.5	.9
Other	-1.7	-1.9	-2.0
Miscellaneous .....	.2	.1	.1
Equals: Federal Government expenditures, NIPA's	857.9	945.0	990.2

State Quarterly Personal

Table 1.—Quarterly Personal

(Millions of dollars.)

Line	State and region	1978 ^r				1979 ^r				1980 ^r			
		I	II	III	IV	I	II	III	IV	I	II	III	IV
1	United States.....	1,638,631	1,696,370	1,755,466	1,814,273	1,863,990	1,907,993	1,973,293	2,025,324	2,083,907	2,110,281	2,177,241	2,255,412
2	New England.....	94,265	97,263	100,442	103,102	106,365	108,500	112,251	115,234	119,348	121,511	125,338	129,914
3	Connecticut.....	26,927	27,855	28,780	29,667	30,558	31,261	32,413	33,433	34,547	35,252	36,358	37,820
4	Maine.....	6,735	6,940	7,118	7,301	7,520	7,695	7,965	8,133	8,427	8,541	8,815	9,143
5	Massachusetts.....	44,498	45,757	47,301	48,351	49,939	50,845	52,523	53,880	55,883	56,833	58,666	60,594
6	New Hampshire.....	6,286	6,483	6,724	6,952	7,204	7,412	7,663	7,832	8,196	8,323	8,571	8,958
7	Rhode Island.....	6,726	7,002	7,189	7,399	7,604	7,675	7,961	8,135	8,412	8,573	8,801	9,123
8	Vermont.....	3,113	3,226	3,330	3,431	3,540	3,613	3,724	3,822	3,934	3,989	4,126	4,276
9	Mideast.....	335,223	345,166	354,777	364,389	371,820	379,382	392,326	401,934	413,977	420,877	431,810	446,771
10	Delaware.....	4,685	4,820	4,976	5,082	5,210	5,315	5,472	5,598	5,785	5,794	5,965	6,172
11	District of Columbia.....	6,356	6,469	6,621	6,809	6,886	7,024	7,227	7,436	7,545	7,610	7,848	8,089
12	Maryland.....	33,691	34,858	35,890	37,028	37,890	38,597	39,943	40,907	42,356	42,936	44,177	45,725
13	New Jersey.....	61,826	63,797	65,665	67,432	68,864	70,246	72,585	74,625	76,893	78,245	80,410	83,525
14	New York.....	141,731	145,493	149,217	153,180	155,474	158,938	164,528	168,373	173,214	177,089	181,709	188,027
15	Pennsylvania.....	86,933	89,729	92,409	94,857	97,496	99,261	102,571	104,994	108,244	109,202	111,700	115,234
16	Great Lakes.....	323,779	333,957	344,691	355,395	366,010	371,518	381,389	387,819	396,843	397,415	406,699	419,715
17	Illinois.....	96,482	99,186	102,033	104,567	107,101	109,466	113,905	115,182	116,889	117,181	120,346	123,411
18	Indiana.....	39,007	40,665	42,043	43,463	44,657	45,173	46,165	46,936	47,979	48,137	49,462	51,360
19	Michigan.....	74,023	75,956	78,751	81,384	84,136	86,680	89,068	90,907	93,321	93,576	96,667	99,160
20	Ohio.....	80,095	83,079	85,630	88,559	91,218	92,127	94,643	96,581	99,162	100,022	101,783	105,186
21	Wisconsin.....	34,172	35,072	36,234	37,423	38,898	40,071	41,208	42,213	43,512	43,499	44,440	45,598
22	Plains.....	123,161	127,622	131,463	138,533	140,445	145,321	148,852	151,940	153,709	154,033	159,671	164,950
23	Iowa.....	21,821	22,633	23,459	24,237	24,679	25,270	25,874	25,748	26,147	26,050	27,023	28,096
24	Kansas.....	17,925	18,069	18,667	20,055	20,191	21,307	21,869	22,501	22,520	22,589	23,421	24,265
25	Minnesota.....	30,255	31,096	32,086	33,542	34,312	35,531	36,367	37,379	38,381	38,517	39,906	40,975
26	Missouri.....	33,978	35,220	36,269	37,510	38,806	39,746	40,992	41,645	42,393	42,517	44,117	45,383
27	Nebraska.....	11,032	11,619	11,798	12,622	12,580	13,264	13,467	13,654	13,505	13,644	14,116	14,606
28	North Dakota.....	4,428	4,568	4,637	5,563	4,963	5,081	5,258	5,612	5,485	5,475	5,672	6,000
29	South Dakota.....	4,322	4,417	4,547	5,004	4,914	5,123	5,224	5,401	5,279	5,241	5,415	5,626
30	Southeast.....	321,485	335,029	347,284	358,381	368,882	377,031	390,033	402,338	414,393	420,712	435,880	452,411
31	Alabama.....	22,510	23,546	24,495	24,987	25,723	26,097	26,614	27,669	28,319	28,421	29,160	30,236
32	Arkansas.....	12,790	13,206	13,798	14,102	14,640	14,774	15,208	15,640	15,892	15,851	16,527	17,005
33	Florida.....	63,679	65,774	68,919	71,307	73,995	76,262	79,763	82,765	86,894	88,850	92,736	96,682
34	Georgia.....	38,564	34,665	35,950	37,113	38,189	39,030	40,369	41,506	42,341	43,051	44,551	46,383
35	Kentucky.....	21,331	22,803	23,466	24,176	24,962	25,414	26,233	26,801	27,233	27,414	28,262	29,068
36	Louisiana.....	25,413	26,519	27,630	28,493	29,285	30,068	31,495	32,639	33,766	34,523	36,077	37,543
37	Mississippi.....	12,956	13,513	13,922	14,304	14,746	15,002	15,487	15,979	16,157	16,245	16,931	17,402
38	North Carolina.....	35,211	36,470	37,663	39,014	39,864	40,657	41,565	42,768	44,046	44,845	46,245	47,969
39	South Carolina.....	17,587	18,066	18,680	19,349	19,783	20,384	21,033	21,762	22,222	22,623	23,229	24,251
40	Tennessee.....	27,141	28,280	29,210	30,134	31,101	31,506	32,498	33,272	34,240	34,554	35,728	36,806
41	Virginia.....	38,419	39,882	40,922	42,383	43,356	44,305	45,773	47,235	48,486	49,403	51,211	53,477
42	West Virginia.....	10,884	12,304	12,688	13,024	13,289	13,532	13,994	14,302	14,798	14,932	15,123	15,590
43	Southwest.....	137,879	144,350	150,254	156,498	162,190	167,953	175,370	182,287	188,233	192,098	200,198	208,085
44	Arizona.....	16,632	17,342	18,269	19,035	19,927	20,546	21,674	22,406	23,217	23,681	24,309	25,117
45	New Mexico.....	7,593	7,917	8,243	8,520	8,756	9,062	9,401	9,696	10,050	10,159	10,490	10,787
46	Oklahoma.....	18,822	19,926	20,691	21,803	22,410	23,347	24,318	25,299	26,186	26,535	28,058	28,925
47	Texas.....	94,832	99,164	103,051	107,139	111,097	114,998	119,977	124,887	128,780	131,723	137,341	142,857
48	Rocky Mountain.....	43,673	45,611	47,159	49,383	50,422	52,119	54,415	55,925	58,039	58,814	60,702	63,365
49	Colorado.....	20,883	21,769	22,622	23,606	24,436	25,290	26,534	27,250	28,238	28,694	29,773	31,130
50	Idaho.....	5,846	6,110	6,285	6,605	6,600	6,775	6,972	7,165	7,530	7,453	7,694	8,015
51	Montana.....	5,183	5,397	5,497	5,889	5,678	5,861	6,069	6,210	6,396	6,424	6,582	6,879
52	Utah.....	8,314	8,669	8,958	9,295	9,561	9,841	10,285	10,563	10,905	11,133	11,857	12,232
53	Wyoming.....	3,447	3,666	3,798	3,988	4,147	4,351	4,555	4,737	4,970	5,111	5,296	5,519
54	Far West.....	247,250	255,302	267,057	275,889	285,008	293,040	305,090	313,954	324,870	330,134	341,789	354,343
55	California.....	191,405	197,393	207,009	213,326	220,647	226,419	235,738	242,854	251,416	256,105	265,218	275,031
56	Nevada.....	6,004	6,286	6,605	6,919	7,154	7,402	7,772	8,059	8,422	8,505	8,851	9,227
57	Oregon.....	18,743	19,382	19,988	20,787	21,295	22,033	22,822	23,386	24,060	24,086	24,746	25,429
58	Washington.....	31,099	32,241	33,455	34,858	35,912	37,186	38,759	39,655	40,971	41,439	42,974	44,655
59	Alaska.....	4,484	4,463	4,443	4,547	4,525	4,593	4,742	4,839	4,981	5,092	5,255	5,627
60	Hawaii.....	7,431	7,606	7,895	8,154	8,324	8,536	8,824	9,054	9,513	9,596	9,901	10,232
Census Regions													
61	New England.....	94,265	97,263	100,442	103,102	106,365	108,500	112,251	115,234	119,348	121,511	125,338	129,914
62	Middle Atlantic.....	290,491	299,019	307,290	315,470	321,834	328,445	339,684	347,993	358,291	364,537	373,819	386,785
63	East North Central.....	323,779	333,957	344,691	355,395	366,010	371,518	381,389	387,819	396,843	397,415	406,699	419,715
64	West North Central.....	123,161	127,622	131,463	138,533	140,445	145,321	148,852	151,940	153,709	154,033	159,671	164,950
65	South Atlantic.....	244,077	253,309	262,306	271,104	278,412	285,166	295,139	304,279	314,473	320,043	331,185	344,337
66	East South Central.....	83,937	88,142	91,024	95,602	96,532	98,019	100,833	103,720	105,949	106,634	110,082	113,511
67	West South Central.....	151,858	158,815	165,170	171,537	177,431	183,188	190,998	198,465	204,624	208,632	218,005	226,330
68	Mountain.....	73,902	77,157	80,277	83,858	86,259	89,128	92,262	96,086	99,728	101,160	104,351	108,895
69	Pacific.....	253,161	261,084	272,791	281,673	290,703	298,767	310,885	319,788	330,941	336,316	348,093	360,974

^r Revised.^p 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.—Quarterly estimates for the years 1948-

Income, 1978: I-1984: IV

Income, for States and Regions

seasonally adjusted at annual rates]

1981 ^a				1982 ^a				1983 ^a				1984				Percent change		Line
I	II	III	IV	I	II	III	IV	I	II	III	IV	I ^b	II ^b	III ^b	IV ^b	1983: IV-1984: IV	1984: III-1984: IV	
2,333,358	2,380,584	2,468,871	2,497,551	2,527,116	2,560,121	2,586,519	2,629,632	2,651,672	2,705,157	2,754,010	2,827,017	2,906,532	2,970,393	3,039,948	3,086,435	9.2	1.5	1
133,545	136,901	141,979	144,019	146,348	149,281	153,033	154,512	157,390	161,152	163,359	168,753	172,743	178,038	181,492	184,643	9.4	1.7	2
38,794	39,770	41,189	41,659	42,423	43,260	44,127	44,755	45,507	46,289	47,032	48,731	49,581	51,448	52,353	53,148	9.1	1.5	3
9,449	9,639	9,943	10,093	10,158	10,412	10,711	10,890	10,956	11,243	11,336	11,655	12,017	12,310	12,429	12,639	8.4	1.7	4
62,230	63,877	66,294	67,295	68,493	69,919	71,783	72,331	73,845	75,831	76,785	79,391	81,391	83,759	85,671	87,165	9.8	1.7	5
9,199	9,440	9,853	10,082	10,237	10,495	10,846	10,846	11,169	11,483	11,717	12,071	12,464	12,735	12,903	13,265	9.9	2.8	6
9,413	9,599	9,929	10,065	10,141	10,299	10,602	10,647	10,812	11,090	11,246	11,544	11,812	12,157	12,406	12,606	9.2	1.6	7
4,459	4,576	4,771	4,825	4,895	4,895	4,963	5,042	5,101	5,217	5,242	5,362	5,478	5,629	5,730	5,820	8.6	1.6	8
459,440	469,308	485,034	491,274	498,397	506,030	514,187	523,145	529,478	539,308	547,943	561,058	573,176	588,272	598,995	608,869	8.5	1.6	9
6,415	6,503	6,716	6,755	6,928	7,020	7,134	7,305	7,533	7,577	7,628	7,836	7,969	8,246	8,412	8,563	9.3	1.8	10
8,383	8,444	8,723	8,810	8,909	9,042	9,188	9,402	9,521	9,723	9,888	9,934	10,259	10,363	10,611	10,734	8.1	1.2	11
47,292	48,250	50,007	50,624	51,049	51,916	52,597	53,872	54,547	55,660	56,739	57,688	59,516	60,816	62,085	63,080	9.3	1.6	12
85,894	88,050	91,078	92,400	94,664	96,385	98,068	99,719	101,534	103,313	104,923	108,421	110,391	114,044	116,489	118,423	9.2	1.7	13
192,874	197,271	203,591	206,492	209,328	212,388	216,452	220,616	222,897	227,941	231,151	237,696	242,721	248,864	252,929	257,220	8.2	1.7	14
118,581	120,791	124,919	126,192	127,519	129,279	130,748	132,231	133,447	135,094	137,613	139,482	142,321	145,939	148,470	150,848	8.1	1.6	15
431,049	438,020	449,557	451,501	451,013	456,176	457,585	462,444	463,306	472,821	483,197	495,360	512,080	522,884	534,106	541,203	9.3	1.3	16
128,975	131,334	135,454	136,737	136,141	137,770	138,013	139,000	137,922	140,490	144,003	147,363	153,011	156,711	160,176	162,197	10.1	1.3	17
52,882	53,573	55,135	54,855	54,550	55,198	55,020	55,777	55,636	56,900	58,301	60,330	62,680	64,215	65,928	66,666	10.5	1.1	18
94,530	95,959	97,179	97,336	96,441	97,794	98,334	99,328	100,770	102,802	104,771	107,943	111,072	112,717	114,584	116,025	7.5	1.3	19
107,660	109,215	112,165	112,752	113,212	114,695	115,073	116,613	116,566	119,299	121,600	124,691	128,473	131,125	133,796	136,223	9.2	1.8	20
47,002	47,940	49,624	49,820	50,669	50,719	51,144	52,025	52,412	53,330	54,022	55,032	56,843	58,115	59,622	60,992	9.2	.8	21
173,555	176,497	183,889	184,750	186,443	187,246	187,734	193,120	190,092	193,528	199,349	205,990	215,873	215,329	222,024	224,672	9.1	1.2	22
29,645	30,148	31,480	31,307	30,631	30,760	30,673	31,593	29,686	30,427	31,522	32,648	34,933	34,574	35,303	35,900	10.0	1.7	23
25,498	25,960	27,012	27,213	28,050	28,005	28,057	28,985	28,423	28,777	29,596	30,607	32,001	31,962	32,972	32,955	7.7	-1	24
42,509	43,295	44,994	45,365	46,152	46,214	46,387	47,669	47,557	48,551	49,870	51,307	53,731	53,995	55,616	56,714	10.5	2.0	25
47,268	47,865	49,532	49,939	50,618	51,511	51,913	52,886	52,895	54,038	55,458	56,878	58,917	60,103	61,499	62,434	9.8	1.5	26
15,932	16,216	16,995	16,997	17,303	17,172	17,083	17,639	16,999	17,367	18,116	18,912	19,843	19,112	19,885	20,042	6.0	.8	27
6,719	6,894	7,402	7,478	7,258	7,183	7,212	7,572	7,736	7,648	7,904	8,460	8,855	8,062	8,737	8,559	1.2	-2	28
5,985	6,119	6,473	6,452	6,432	6,401	6,409	6,776	6,796	6,721	6,884	7,177	7,593	7,522	8,012	8,068	12.4	-7	29
470,735	479,172	499,285	505,555	514,050	521,201	526,892	537,838	544,462	556,065	566,147	579,886	596,822	612,077	628,033	638,097	10.0	1.6	30
31,460	31,718	32,964	33,114	33,604	34,039	34,282	34,968	35,481	36,239	36,921	37,506	38,600	39,400	40,471	40,836	8.9	.9	31
17,862	18,078	18,811	18,912	19,118	19,317	19,447	19,922	20,212	20,522	20,968	21,505	22,321	22,514	23,159	23,379	8.7	1.0	32
100,783	103,950	108,281	110,058	111,764	113,218	114,925	117,574	119,294	122,831	125,041	128,086	131,748	136,041	140,008	143,300	11.9	2.4	33
48,262	49,169	50,939	51,559	52,912	53,953	54,812	56,406	57,526	58,871	59,887	61,921	64,199	65,772	67,777	69,367	12.0	2.3	34
30,535	30,540	32,314	32,470	33,310	33,304	33,397	34,337	34,071	34,521	35,121	35,883	36,930	38,237	39,439	39,883	11.1	1.1	35
39,153	40,263	41,989	42,879	43,571	44,094	44,285	44,204	45,102	44,951	45,649	46,457	46,885	47,968	49,151	49,664	6.9	1.0	36
18,028	18,350	18,921	19,187	19,945	19,942	20,430	20,430	20,360	20,740	21,316	21,978	22,595	22,653	23,247	23,546	7.1	1.3	37
49,638	50,737	52,747	53,149	53,777	54,653	55,253	56,569	57,789	58,953	60,127	61,643	63,492	65,673	67,643	68,479	11.1	1.2	38
25,048	25,612	26,443	26,880	27,166	27,526	27,914	28,455	28,759	29,595	30,258	31,078	32,257	32,922	33,675	34,139	9.8	1.4	39
38,328	38,946	40,240	40,358	41,085	41,596	42,109	43,050	43,183	44,128	44,885	46,124	47,432	48,612	49,676	50,499	9.5	1.7	40
55,436	56,365	58,669	59,849	60,710	61,864	62,994	64,260	65,100	66,761	67,935	69,286	71,642	73,091	74,298	75,519	9.0	1.6	41
16,201	15,443	16,966	17,140	17,464	17,693	17,532	17,663	17,586	17,953	18,038	18,420	18,721	19,194	19,491	19,487	5.8	.0	42
219,196	224,909	236,342	242,011	247,553	251,040	253,108	256,105	257,813	261,985	266,251	274,231	281,264	287,402	295,445	299,794	9.3	1.5	43
26,282	27,061	28,244	28,650	28,549	28,975	29,171	29,576	30,142	31,087	32,153	32,887	34,083	34,798	36,187	36,950	12.4	2.1	44
11,236	11,494	11,968	12,165	12,454	12,631	12,758	13,012	13,094	13,370	13,669	13,915	14,241	14,519	14,896	15,170	9.0	1.8	45
30,353	31,194	32,991	33,826	35,283	35,652	35,803	36,270	35,448	35,893	36,190	37,421	38,150	38,190	39,037	39,562	5.7	1.3	46
151,325	155,160	163,138	167,370	171,268	173,782	175,376	177,247	179,130	181,636	184,239	190,008	194,790	199,895	205,325	208,112	9.5	1.4	47
65,911	67,251	70,479	71,564	72,571	73,709	74,257	75,528	76,184	77,505	78,697	80,986	82,427	83,944	85,763	86,907	7.3	1.3	48
32,416	33,295	35,038	35,878	36,741	37,480	37,706	38,431	38,997	39,657	40,359	41,340	42,155	43,320	44,272	44,940	8.7	1.5	49
8,383	8,499	8,847	8,764	8,695	8,726	8,760	9,022	9,225	9,349	9,410	9,733	9,965	10,042	10,341	10,375	6.6	.3	50
7,113	7,235	7,552	7,555	7,546	7,680	7,778	7,960	7,845	7,993	8,142	8,502	8,498	8,271	8,392	8,514	.1	1.5	51
12,273	12,404	12,970	13,165	13,393	13,592	13,796	13,996	14,049	14,446	14,658	15,146	15,536	15,936	16,198	16,538	9.2		

Table 2.—Total and Per Capita Personal Income for States and Regions, 1978–84

State and Region	Total								Per Capita								Rank in U.S.	
	Millions of dollars								Dollars									
	1978 ^r	1979 ^r	1980 ^r	1981 ^r	1982 ^r	1983 ^r	1984 ^p	Percent change ² 1983–84	1978 ^r	1979 ^r	1980 ^r	1981 ^r	1982 ^r	1983 ^r	1984 ^p	1978	1984	
United States¹	1,726,185	1,942,650	2,156,710	2,420,091	2,575,847	2,734,464	3,000,827	9.7	7,772	8,651	9,494	10,544	11,113	11,687	12,707	.....	.....
New England	98,768	110,587	124,028	139,111	150,793	162,664	179,229	10.2	8,028	8,958	10,029	11,203	12,129	13,024	14,251	.....	.....
Connecticut.....	28,307	31,916	35,995	40,353	43,642	46,890	51,632	10.1	9,147	10,296	11,559	12,921	13,963	14,945	16,369	2	2	
Maine.....	7,024	7,828	8,731	9,781	10,543	11,298	12,349	9.3	6,297	6,959	7,751	8,637	9,278	9,861	10,678	46	39	
Massachusetts.....	46,477	51,796	57,981	64,924	70,632	76,463	84,497	10.5	8,093	9,014	10,096	11,278	12,285	13,260	14,574	14	4	
New Hampshire.....	6,606	7,528	8,512	9,644	10,606	11,610	12,842	10.6	7,390	8,255	9,217	10,296	11,189	12,109	13,148	28	14	
Rhode Island.....	7,079	7,844	8,727	9,751	10,422	11,173	12,245	9.6	7,395	8,200	9,200	10,242	10,937	11,694	12,730	27	17	
Vermont.....	3,275	3,674	4,081	4,658	4,949	5,231	5,665	8.3	6,572	7,266	7,970	9,032	9,516	9,957	10,692	39	38	
Mideast	349,890	386,366	428,358	476,266	510,440	544,447	592,328	8.8	8,248	9,121	10,129	11,252	12,048	12,792	13,660	.....	.....
Delaware.....	4,891	5,399	5,929	6,598	7,097	7,643	8,298	8.6	8,176	9,015	9,949	11,061	11,828	12,615	13,545	13	10	
District of Columbia.....	6,564	7,144	7,773	8,590	9,135	9,766	10,492	7.4	9,797	10,896	12,210	13,585	14,597	15,673	16,845	.....	.....
Maryland.....	35,367	39,334	43,798	49,043	52,359	56,159	61,374	9.3	8,397	9,313	10,365	11,519	12,261	13,047	14,111	10	7	
New Jersey.....	64,680	71,580	79,753	89,356	97,209	104,548	114,837	9.8	8,792	9,708	10,811	12,064	13,089	14,000	15,282	6	3	
New York.....	147,406	161,828	180,010	200,058	214,697	229,922	250,433	8.9	8,318	9,177	10,242	11,395	12,222	13,014	14,121	12	6	
Pennsylvania.....	90,982	101,081	111,095	122,621	129,944	136,409	146,894	7.7	7,668	8,513	9,352	10,323	10,939	11,468	12,343	22	24	
Great Lakes	339,455	376,684	405,168	442,531	456,855	478,670	527,568	10.2	8,178	9,053	9,715	10,612	10,987	11,527	12,682	.....	.....
Illinois.....	100,567	111,264	119,451	133,125	137,731	142,444	158,024	10.9	8,795	9,741	10,448	11,609	12,012	12,401	13,728	5	9	
Indiana.....	41,294	45,733	49,235	54,111	55,136	57,916	64,872	12.0	7,582	8,353	9,790	9,859	10,057	10,570	11,799	24	30	
Michigan.....	77,528	85,448	90,681	96,251	97,975	104,071	118,600	9.2	8,425	9,239	9,978	10,451	10,748	11,476	12,518	9	22	
Ohio.....	84,341	93,642	101,538	110,448	114,873	120,539	132,404	9.8	7,813	8,672	9,401	10,228	10,664	11,218	12,114	20	25	
Wisconsin.....	35,725	40,598	44,262	48,596	51,139	53,699	58,668	9.3	7,714	8,701	9,361	10,263	10,777	11,311	12,309	21	26	
Plains	130,196	146,639	158,091	179,672	188,636	197,240	219,475	11.3	7,646	8,577	9,190	10,391	10,877	11,321	12,531	.....	.....
Iowa.....	23,038	25,343	26,829	30,645	30,914	31,071	35,177	13.2	7,892	8,689	9,211	10,504	10,638	10,697	12,090	18	29	
Kansas.....	18,529	21,467	23,198	26,421	28,274	29,351	32,472	10.6	7,943	9,145	9,799	11,067	11,743	12,102	13,191	16	11	
Minnesota.....	31,745	35,897	39,445	44,040	46,605	49,321	55,014	11.5	7,927	8,890	9,662	10,710	11,277	11,901	13,219	17	12	
Missouri.....	35,744	40,298	43,603	48,651	51,732	54,817	60,738	10.8	7,398	8,242	8,856	9,851	10,469	11,029	12,129	31	28	
Nebraska.....	11,768	13,241	13,968	16,535	17,299	17,849	19,721	10.5	7,540	8,464	8,887	10,448	10,885	11,175	12,280	25	27	
North Dakota.....	4,799	5,228	5,658	7,124	7,306	7,937	8,553	7.8	7,375	8,071	8,651	10,777	10,877	11,664	12,461	30	23	
South Dakota.....	4,572	5,165	5,390	6,257	6,504	6,894	7,799	13.1	6,633	7,497	7,815	9,046	9,366	9,851	11,049	37	35	
Southeast	340,545	384,571	430,848	488,687	524,995	561,639	618,757	10.2	6,663	7,399	8,148	9,104	9,659	10,215	11,108	.....	.....
Alabama.....	23,870	26,526	29,034	32,314	34,223	36,536	39,826	9.0	6,226	6,855	7,454	8,229	8,683	9,229	9,981	47	46	
Arkansas.....	13,474	15,065	16,318	18,415	19,451	20,802	22,843	9.8	6,012	6,639	7,099	8,006	8,432	8,936	9,724	49	48	
Florida.....	67,420	78,196	91,290	105,768	114,370	123,812	137,774	11.3	7,383	8,257	9,245	10,386	10,927	11,593	12,553	29	21	
Georgia.....	35,324	39,773	44,081	49,983	54,521	59,551	66,779	12.1	6,682	7,377	8,041	8,968	9,654	10,389	11,441	36	34	
Kentucky.....	22,944	25,853	27,994	31,465	33,587	34,899	38,622	10.7	6,353	7,095	7,644	8,561	9,097	9,396	10,374	45	41	
Louisiana.....	27,014	30,872	35,477	41,071	44,038	45,540	48,417	6.3	6,632	7,458	8,404	9,552	10,048	10,262	10,850	38	36	
Mississippi.....	13,674	15,304	16,684	18,622	19,972	21,098	23,010	9.1	5,496	6,102	6,614	7,308	7,775	8,155	8,857	50	50	
North Carolina.....	37,090	41,213	45,776	51,567	55,063	59,628	66,322	11.2	6,462	7,104	7,774	8,655	9,148	9,805	10,750	40	37	
South Carolina.....	18,419	20,741	23,106	25,996	27,765	29,923	33,248	11.1	6,057	6,719	7,389	8,158	8,605	9,168	10,075	48	45	
Tennessee.....	28,692	32,094	35,332	39,468	41,960	44,580	49,055	10.0	6,431	7,080	7,688	8,525	9,013	9,515	10,400	43	40	
Virginia.....	40,401	45,167	50,644	57,580	62,457	67,271	73,637	9.5	7,646	8,483	9,449	10,591	11,386	12,122	13,067	23	15	
West Virginia.....	12,225	13,767	15,111	16,437	17,588	17,999	19,223	6.8	6,366	7,100	7,747	8,385	8,970	9,160	9,846	44	47	
Southwest	147,246	171,948	197,153	230,615	251,951	265,070	290,976	9.8	7,296	8,276	9,215	10,492	11,044	11,335	12,245	.....	.....
Arizona.....	17,820	21,138	24,181	27,559	29,068	31,567	35,504	12.5	7,077	8,011	8,855	9,819	10,050	10,653	11,629	32	32	
New Mexico.....	8,068	9,229	10,372	11,716	12,714	13,512	14,707	8.8	6,445	7,207	7,947	8,780	9,301	9,656	10,330	42	42	
Oklahoma.....	20,311	23,843	27,426	32,091	35,752	38,735	43,735	6.9	6,972	8,028	9,029	10,344	11,084	10,988	11,745	34	31	
Texas.....	101,047	117,739	135,175	159,248	174,418	183,753	202,031	9.9	7,486	8,478	9,439	10,807	11,378	11,686	12,636	26	19	
Rocky Mountain	46,457	53,220	60,230	68,797	74,017	78,343	84,760	8.2	7,425	8,265	9,146	10,177	10,676	11,069	11,829	.....	.....
Colorado.....	22,220	25,878	29,459	34,157	37,590	40,088	43,672	8.9	8,031	9,083	10,147	11,449	12,242	12,771	13,742	15	8	
Idaho.....	6,212	6,878	7,673	8,623	8,801	9,429	10,181	8.0	6,819	7,375	8,100	8,944	9,008	9,534	10,174	35	44	
Montana.....	5,491	5,954	6,570	7,364	7,741	8,121	8,419	3.7	7,004	7,545	8,334	9,253	9,618	9,945	10,216	33	43	
Utah.....	8,809	10,063	11,304	12,703	13,693	14,575	16,052	10.1	6,457	7,106	7,679	8,338	8,714	9,005	9,719	41	49	
Wyoming.....	3,725	4,448	5,224	6,192	6,192	6,130	6,437	5.0	8,644	9,843	11,009	12,066	12,157	11,920	12,586	7	20	
Far West	261,373	299,275	337,787	377,305	399,117	425,753	465,905	9.4	8,726	9,777	10,770	11,802	12,274	12,891	13,884	.....	.....
California.....	202,282	231,416	261,946	293,196	311,609	333,706	367,538	10.1	8,857	9,951	11,020	12						

Table 3.—Percent Changes in Selected Shares of Personal Income, 1983-84

State and region	Total personal income	Earnings ¹										Government		
		Total	Non-farm	Mining	Construction	Manufacturing	Wholesale and retail trade	Finance, insurance and real estate	Transportation, public utilities	Services	Other	Federal civilian	Military	State and local
United States.....	9.7	10.2	9.6	10.4	12.1	10.5	8.9	12.1	8.3	10.9	6.6	3.9	7.3	7.2
New England.....	10.2	10.9	11.0	3.8	15.3	12.0	11.5	11.7	8.2	11.0	6.1	2.7	8.0	8.3
Connecticut.....	10.1	10.6	10.6	.5	15.3	10.1	9.3	10.4	13.3	11.5	10.9	2.9	11.3	10.6
Maine.....	9.3	9.6	9.5	.7	27.2	8.3	8.5	14.4	10.3	10.5	-2.8	2.7	2.3	7.6
Massachusetts.....	10.5	11.5	11.6	14.0	20.3	13.9	13.3	11.6	5.9	10.9	4.6	1.9	7.7	6.9
New Hampshire.....	10.6	11.2	11.2	13.3	-8.2	16.4	13.4	18.4	6.6	11.8	6.5	6.1	10.9	6.5
Rhode Island.....	9.6	10.1	10.2	1.3	16.7	9.8	8.6	11.4	4.9	10.9	14.7	3.9	8.6	12.8
Vermont.....	8.3	8.2	8.6	-7.3	10.9	7.3	9.5	13.9	8.2	10.6	5.9	3.3	5.6	6.8
Mideast.....	8.8	8.9	8.8	11.4	12.8	7.6	8.5	11.1	9.2	10.0	8.2	3.3	8.9	8.0
Delaware.....	8.6	7.6	6.8	-2.0	1.9	7.3	8.2	18.5	5.5	4.2	4.6	2.1	6.7	6.2
District of Columbia.....	7.4	7.2	7.2	30.6	12.3	10.2	7.2	11.0	3.8	11.0	10.9	2.8	7.1	12.2
Maryland.....	9.3	9.7	9.4	17.3	19.4	9.6	10.4	12.1	7.5	12.8	13.3	2.6	9.1	2.4
New Jersey.....	9.8	10.4	10.5	15.5	18.7	8.9	11.6	12.5	14.2	9.3	11.0	4.3	8.3	9.0
New York.....	8.9	8.6	8.7	3.0	13.4	6.6	7.7	10.5	8.7	9.8	6.3	3.8	5.4	8.9
Pennsylvania.....	7.7	8.2	7.9	12.9	5.5	7.6	6.5	11.6	7.2	9.8	5.7	3.6	14.8	7.2
Great Lakes.....	10.2	11.3	9.8	14.8	10.0	12.6	8.3	11.4	8.6	8.6	6.8	4.2	9.4	6.3
Illinois.....	10.9	12.3	9.5	15.3	12.4	10.7	9.2	14.9	11.3	7.4	7.3	3.9	10.3	5.9
Indiana.....	12.0	13.2	9.9	16.5	3.6	13.3	7.7	10.4	6.7	9.9	5.6	2.7	11.4	6.7
Michigan.....	9.2	10.1	10.3	13.2	2.5	15.6	8.9	5.9	5.6	8.4	4.4	4.5	6.3	4.7
Ohio.....	9.8	10.9	9.8	14.6	12.6	11.6	7.3	9.9	8.5	9.6	7.3	5.2	7.2	8.2
Wisconsin.....	9.3	9.8	9.6	4.3	16.7	11.6	7.2	10.6	8.3	9.5	9.1	3.2	13.9	6.1
Plains.....	11.3	12.3	9.5	11.8	12.2	11.5	8.1	12.6	7.6	9.8	7.4	4.6	6.6	7.1
Iowa.....	13.2	15.9	6.9	20.0	11.0	7.8	6.0	12.6	2.9	7.5	5.4	4.9	5.1	4.3
Kansas.....	10.6	11.4	9.6	11.0	15.2	10.4	8.2	12.5	7.2	12.3	10.0	5.1	6	6.9
Minnesota.....	11.5	12.8	11.4	10.8	16.3	12.2	10.4	13.2	11.3	11.6	8.4	6.6	7.0	9.3
Missouri.....	10.8	11.5	10.1	6.2	16.8	13.5	8.3	11.7	8.3	8.7	7.3	4.3	9.9	7.6
Nebraska.....	10.5	10.8	7.8	25.6	12.0	10.9	5.7	11.9	4.1	8.2	5.1	2.7	9.7	6.8
North Dakota.....	7.8	6.6	4.6	16.0	-26.5	7.8	5.6	17.2	7.7	10.1	8.7	3.7	10.4	4.8
South Dakota.....	13.1	15.2	8.6	9.8	13.1	14.0	6.3	16.1	4.6	9.5	6.4	2.9	7.4	5.5
Southeast.....	10.2	10.7	10.2	12.6	14.6	10.6	10.2	12.7	9.1	12.4	7.6	3.3	6.6	6.8
Alabama.....	9.0	8.9	8.6	16.9	4.8	11.4	9.0	12.0	8.2	9.2	4.3	-2.0	6.2	6.6
Arkansas.....	9.8	10.5	9.9	10.1	14.0	11.7	8.6	12.0	9.5	8.6	5.8	2.0	9.5	9.9
Florida.....	11.3	11.7	11.7	14.5	19.4	13.5	9.8	12.0	7.6	14.5	7.3	5.7	6.1	8.0
Georgia.....	12.1	13.2	12.8	19.0	26.2	12.1	14.6	14.2	11.1	15.1	10.5	6.2	7.3	6.6
Kentucky.....	10.7	12.1	9.7	19.4	7.7	12.7	7.8	14.4	7.6	9.1	8.4	3.9	5.0	5.7
Louisiana.....	6.3	5.7	5.8	7.0	.9	6.0	5.1	7.9	3.4	8.7	4.3	4.3	6.3	6.1
Mississippi.....	9.1	9.4	8.0	9.5	-5.3	11.5	8.3	12.8	6.1	7.8	7.6	3.0	7.0	7.4
North Carolina.....	11.2	12.1	11.2	17.0	23.3	9.2	13.2	10.6	11.5	14.0	11.9	3.8	9.1	8.3
South Carolina.....	11.1	11.9	10.7	13.6	19.2	9.8	12.2	13.9	10.1	13.2	7.5	3.7	5.7	7.7
Tennessee.....	10.0	10.7	10.1	9.8	14.1	10.1	9.2	13.5	9.9	14.1	6.3	.1	4.5	6.8
Virginia.....	9.5	9.7	9.6	15.2	16.6	9.9	10.3	15.8	13.1	11.4	7.1	3.3	6.1	3.4
West Virginia.....	6.8	7.7	7.9	13.7	3.4	5.5	5.3	16.0	9.6	9.1	9.3	2.9	7.4	5.4
Southwest.....	9.8	9.7	9.6	8.9	8.8	9.4	7.7	14.7	7.2	13.1	6.1	6.0	6.3	9.0
Arizona.....	12.5	13.8	13.7	3.2	21.8	15.2	13.5	18.5	8.1	15.2	12.6	7.3	4.3	10.3
New Mexico.....	8.8	8.7	8.9	10.3	9.2	11.1	7.5	13.8	6.8	10.9	12.7	4.3	7.2	8.2
Oklahoma.....	6.9	6.1	6.0	2.1	10.3	11.4	3.4	8.9	3.1	9.1	5.1	3.8	8.7	3
Texas.....	9.9	9.8	9.7	11.0	6.3	8.1	7.6	15.1	7.9	13.6	4.2	6.6	6.1	10.7
Rocky Mountain.....	8.2	7.7	8.3	4.4	7.5	13.5	7.0	12.1	6.1	10.1	7.3	3.4	6.8	5.6
Colorado.....	8.9	8.7	9.1	4.4	6.6	13.3	7.9	12.8	8.1	10.6	11.1	3.9	7.0	7.0
Idaho.....	8.0	7.2	7.2	15.7	9.0	13.8	5.9	12.6	2.7	6.1	-1.4	-6	5.1	3.2
Montana.....	3.7	.2	3.9	7.7	-10.7	5.8	4.0	5.6	3.8	6.9	.6	2.3	3.3	4.4
Utah.....	10.1	10.6	10.6	.9	21.8	17.2	8.0	13.0	6.1	13.0	14.9	4.4	8.8	5.9
Wyoming.....	5.0	3.6	3.9	4.0	.8	1.1	3.3	9.1	2.7	8.5	4.8	2.0	7.8	2.8
Far West.....	9.4	9.6	9.9	13.7	15.0	9.9	9.1	12.6	7.1	12.2	5.0	4.7	7.2	6.9
California.....	10.1	10.6	10.8	12.3	18.5	10.4	10.4	13.6	7.5	13.2	6.6	5.1	8.0	7.5
Nevada.....	8.6	7.9	8.1	34.8	4.4	13.2	9.1	20.8	2.7	8.3	6.9	5.6	-5	4.1
Oregon.....	8.1	7.6	8.1	4.4	11.5	10.4	6.9	5.8	6.3	10.8	2.7	4.1	.8	4.6
Washington.....	5.8	4.3	5.0	10.1	-2	6.5	2.5	6.4	5.8	6.6	-4.8	2.9	5.5	5.8
Alaska.....	4.0	5.3	5.4	13.2	-4.5	-7	7.4	18.7	5.2	8.3	3.2	3.7	7.5	5.4
Hawaii.....	6.9	5.3	5.6	-24.3	-9.5	-7	6.5	4.2	7.4	9.4	6.5	1.8	11.6	3.7
Census Regions														
New England.....	10.2	10.9	11.0	3.8	15.3	12.0	11.5	11.7	8.2	11.0	6.1	2.7	8.0	8.3
Middle Atlantic.....	8.8	8.9	8.8	11.2	12.0	7.5	8.3	10.9	9.6	9.7	7.2	3.9	9.3	8.5
East North Central.....	10.2	11.3	9.8	14.8	10.0	12.6	8.3	11.4	8.6	8.6	6.8	4.2	9.4	6.3
West North Central.....	11.3	12.3	9.5	11.8	12.2	11.5	8.1	12.6	7.6	9.8	7.4	4.6	6.6	7.1
South Atlantic.....	10.5	11.0	10.6	14.5	19.4	10.4	11.2	13.0	9.7	13.1	8.9	3.6	6.9	6.4
East South Central.....	9.8	10.4	9.3	17.0	6.8	11.2	8.7	13.2	8.3	10.8	6.6	.5	5.7	6.6
West South Central.....	9.0	8.8	8.6	8.7	6.0	8.5	6.8	13.3	6.6	11.9	4.4	5.5	6.7	8.4
Mountain.....	9.3	9.2	9.6	6.2	11.0	13.9	8.7	14.4	6.3	11.0	9.4	4.4	5.6	6.9
Pacific.....	9.3	9.4	9.7	12.3	13.2	9.8	9.0	12.2	7.1	12.2	5.0	4.4	8.1	6.9

1. Consists of wage and salary disbursements, other labor income, and proprietors' income.

Table 4.—Total and Per Capita Disposable Personal Income for States and Regions, 1978-84

State and region	Total								Per capita								Rank in U.S.	
	Millions of dollars								Percent change ¹ 1983-84	Dollars								
	1978 ^r	1979 ^r	1980 ^r	1981 ^r	1982 ^r	1983 ^r	1984 ^p	1978 ^r		1979 ^r	1980 ^r	1981 ^r	1982 ^r	1983 ^r	1984 ^p	1978	1984	
United States.....	1,468,375	1,642,513	1,820,875	2,033,346	2,172,856	2,331,335	2,566,781	10.1	6,611	7,314	8,016	8,859	9,374	9,964	10,869			
New England.....	84,178	93,492	104,291	116,222	126,561	138,235	152,898	10.6	6,842	7,573	8,433	9,360	10,180	11,068	12,157			
Connecticut.....	24,002	26,878	30,037	33,496	36,141	39,518	43,634	10.4	7,755	8,671	9,646	10,725	11,563	12,595	13,833	2	2	
Maine.....	6,203	6,882	7,639	8,480	9,056	9,766	10,729	9.9	5,561	6,118	6,782	7,488	7,970	8,524	9,277	44	38	
Massachusetts.....	39,379	43,449	48,354	53,654	58,943	64,558	71,662	11.0	6,867	7,561	8,420	9,320	10,252	11,195	12,361	13	4	
New Hampshire.....	5,693	6,482	7,346	8,303	9,240	10,216	11,328	10.9	6,369	7,108	7,955	8,864	9,747	10,655	11,598	29	10	
Rhode Island.....	6,063	6,635	7,417	8,313	8,924	9,663	10,647	10.2	6,333	6,936	7,820	8,731	9,364	10,113	11,068	30	19	
Vermont.....	2,838	3,165	3,497	3,976	4,257	4,514	4,899	8.5	5,695	6,259	6,830	7,710	8,186	8,593	9,248	39	39	
Mideast.....	294,924	323,356	357,610	394,143	422,109	456,248	498,330	9.2	6,952	7,634	8,456	9,312	9,963	10,719	11,661			
Delaware.....	3,986	4,366	4,751	5,254	5,737	6,274	6,916	10.2	6,663	7,291	7,971	8,808	9,562	10,355	11,289	17	13	
District of Columbia.....	5,478	5,998	6,460	7,065	7,334	7,985	8,611	7.8	8,175	8,996	10,148	11,173	11,718	12,815	13,825			
Maryland.....	29,097	32,190	36,027	39,882	42,702	46,527	51,448	10.6	6,909	7,622	8,526	9,367	9,999	10,809	11,829	12	6	
New Jersey.....	55,132	60,305	66,877	74,766	81,474	88,681	97,768	10.2	7,494	8,179	9,066	10,094	10,970	11,876	13,010	5	3	
New York.....	123,830	134,980	149,276	163,846	174,635	190,226	207,897	9.3	6,988	7,655	8,494	9,333	9,944	10,767	11,722	11	8	
Pennsylvania.....	77,402	85,617	94,218	103,330	110,177	116,555	125,690	7.8	6,524	7,211	7,931	8,699	9,275	9,799	10,561	21	24	
Great Lakes.....	285,989	316,272	341,698	371,476	387,242	407,671	450,413	10.5	6,890	7,601	8,193	8,908	9,313	9,817	10,827			
Illinois.....	84,861	93,327	111,643	111,643	116,939	121,744	135,743	11.5	7,422	8,170	8,762	9,736	10,199	10,599	11,798	6	7	
Indiana.....	35,004	38,605	41,830	45,738	46,786	49,344	55,504	12.5	6,427	7,051	7,621	8,333	8,534	9,006	10,095	25	31	
Michigan.....	64,649	71,247	76,581	80,760	82,891	88,290	96,173	8.9	7,026	7,703	8,275	8,769	9,093	9,736	10,598	10	23	
Ohio.....	71,669	79,008	86,024	92,939	97,651	102,647	113,165	10.2	6,639	7,317	7,965	8,606	9,065	9,652	10,525	18	25	
Wisconsin.....	29,807	34,086	37,091	40,396	42,976	45,646	49,829	9.2	6,436	7,305	7,844	8,531	9,057	9,515	10,455	24	27	
Plains.....	110,930	124,148	133,470	151,446	158,479	167,210	187,322	12.0	6,514	7,261	7,759	8,759	9,138	9,598	10,695			
Iowa.....	19,576	21,367	22,482	25,752	26,089	26,384	30,229	14.6	6,706	7,325	7,719	8,827	8,978	9,084	10,389	16	28	
Kansas.....	15,875	18,249	19,611	22,097	23,617	24,715	27,560	11.5	6,805	7,774	8,283	9,256	9,809	10,191	11,304	14	12	
Minnesota.....	26,580	29,802	32,820	36,555	38,661	41,153	46,188	12.2	6,637	7,380	8,039	8,889	9,355	9,930	11,099	19	16	
Missouri.....	30,554	34,299	37,081	41,203	43,425	46,599	51,892	11.4	6,272	7,015	7,531	8,343	8,788	9,375	10,362	31	29	
Nebraska.....	10,062	11,229	11,808	14,197	14,535	15,125	16,828	11.3	6,446	7,178	7,513	8,971	9,146	9,470	10,479	23	26	
North Dakota.....	4,177	4,567	4,886	6,067	6,412	7,068	7,606	7.6	6,420	7,003	7,472	9,178	9,545	10,388	11,080	27	18	
South Dakota.....	4,105	4,635	4,782	5,574	5,738	6,166	7,019	13.8	5,956	6,727	6,933	8,059	8,263	8,811	9,945	34	32	
Southeast.....	293,227	329,041	367,557	415,393	448,140	484,268	535,258	10.5	5,737	6,331	6,951	7,739	8,245	8,808	9,609			
Alabama.....	20,549	22,673	24,689	27,397	29,319	31,473	34,370	9.2	5,359	5,860	6,339	6,977	7,439	7,950	8,614	47	46	
Arkansas.....	11,831	13,131	14,135	15,955	16,718	18,049	19,905	10.3	5,280	5,787	6,150	6,986	7,247	7,753	8,473	48	48	
Florida.....	58,260	67,131	77,871	90,129	96,479	106,146	118,570	11.7	6,380	7,038	7,886	8,851	9,218	9,939	10,803	28	21	
Georgia.....	30,238	33,594	37,330	42,115	46,229	50,964	57,376	12.6	5,720	6,231	6,809	7,557	8,186	8,891	9,831	38	34	
Kentucky.....	19,692	22,180	24,075	26,972	28,906	30,283	33,675	11.2	5,453	6,087	6,574	7,339	7,829	8,153	9,045	46	41	
Louisiana.....	23,515	26,469	30,295	34,762	37,747	39,546	41,948	6.1	5,724	6,394	7,176	8,084	8,613	8,911	9,400	37	36	
Mississippi.....	11,882	13,210	14,397	15,905	17,385	18,450	20,141	9.2	4,776	5,267	5,707	6,242	6,767	7,181	7,753	50	50	
North Carolina.....	31,923	35,145	38,916	43,720	47,304	51,645	57,672	11.7	5,562	6,058	6,609	7,338	7,859	8,492	9,355	43	37	
South Carolina.....	15,934	17,709	19,756	22,073	23,804	25,788	28,807	11.7	5,240	5,737	6,317	6,927	7,377	7,902	8,729	49	45	
Tennessee.....	24,941	27,903	30,589	34,154	36,515	39,104	43,162	10.4	5,590	6,155	6,656	7,377	7,843	8,346	9,151	41	40	
Virginia.....	34,068	38,036	42,554	48,105	52,527	57,230	62,972	10.0	6,447	7,144	7,937	8,849	9,576	10,312	11,174	22	14	
West Virginia.....	10,595	11,860	12,950	14,107	15,208	15,590	16,661	6.9	5,517	6,117	6,639	7,196	7,756	7,934	8,534	45	47	
Southwest.....	126,551	146,497	167,216	193,346	212,187	226,700	249,732	10.2	6,271	7,051	7,816	8,797	9,301	9,695	10,599			
Arizona.....	15,466	18,232	20,922	23,005	24,923	27,367	30,306	12.9	6,142	6,910	7,661	8,410	8,617	9,236	10,123	32	30	
New Mexico.....	7,046	8,059	9,074	10,159	10,867	11,731	12,764	8.8	5,628	6,293	6,953	7,613	7,950	8,584	8,960	40	42	
Oklahoma.....	17,300	20,296	23,194	26,690	29,480	30,434	32,696	7.4	5,939	6,633	7,336	8,003	8,140	9,228	9,914	35	33	
Texas.....	86,740	99,910	114,025	132,892	146,917	157,168	173,366	10.3	6,426	7,194	7,962	9,018	9,584	9,996	10,843	26	20	
Rocky Mountain.....	39,882	45,225	51,171	58,134	62,451	66,800	72,412	8.4	6,342	7,024	7,770	8,600	9,008	9,438	10,105			
Colorado.....	18,747	21,751	24,732	28,581	31,313	33,825	36,923	9.2	6,776	7,634	8,519	9,580	10,198	10,775	11,619	15	9	
Idaho.....	5,407	5,980	6,659	7,434	7,630	8,233	8,940	8.5	5,935	6,411	7,030	7,711	8,309	8,934	9,636	36	43	
Montana.....	4,755	5,097	5,628	6,326	6,700	6,999	7,245	8.5	6,064	6,459	7,139	7,949	8,325	8,571	8,792	33	44	
Utah.....	7,599	8,655	9,747	10,870	11,596	12,510	13,816	10.4	5,570	6,112	6,621	7,135	7,380	7,729	8,365	42	49	
Wyoming.....	3,175	3,742	4,404	4,924	5,212	5,229	5,487	4.9	7,368	8,282	9,281	9,985	10,233	10,166	10,790	7	22	
Far West.....	222,511	253,286	285,183	318,846	339,424	366,546	401,684	9.6	7,428	8,274	9,093	9,974	10,438	11,098	11,970			
California.....	172,309	195,994	221,056	247,739	264,711	287,274	316,711	10.2	7,545	8,428	9,300	10,231	10,718	11,412	12,361	4	4	
Nevada.....	5,443	6,381	7,367	8,342	8,790	9,491	10,366	9.2	7,566	8,340	9,130	9,879	10,035	10,550	11,381	3	11	
Oregon.....	16,450	18,609	20,511	22,248	22,704	24,115	26,155	8.5	6,555	7,218	7,776	8,334	8,509	9,060	9,750	20	35	
Washington.....	28,309	32,302	36,248	40,469	43,219	45,666	48,452	6.1	7,284	8,050	8,739	9,555	10,107	10,619	11,141	8	15	
Alaska.....	3,747	3,824	4,367	5,096														

County and Metropolitan Area Personal Income, 1981-83

Revision Schedule for Regional Estimates

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

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

the same time, new residence adjustment estimates will be introduced, based on 1980 census journey-to-work data.

Definition of total and per capita personal income

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

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

Per capita personal income is computed by dividing the total personal income by population estimates provided by the Bureau of the Census.

THIS article presents summary estimates of total and per capita personal income for 1981-83 for metropolitan areas and counties. Table 1 contains estimates for county-based metropolitan areas as defined by the U.S. Office of Management and Budget. These include Consolidated Metropolitan Statistical Areas (CMSA's), which are large, complex areas that consist of two or more Primary Metropolitan Statistical Areas (PMSA's), and Metropolitan Statistical Areas (MSA's). The metropolitan areas in New England are defined in terms of cities and towns rather than counties; the estimates presented here are for the alternative area definition—New England County Metropolitan Areas (NECMA's).¹ Table 2 contains estimates for the 3,142 counties and county equivalents.

The 1983 estimates are presented for the first time. The 1981 and 1982 estimates are revised and supersede those presented in the April 1984 SURVEY. Estimates of personal income by type, including earnings by major

industrial source, for 1978-83 for metropolitan areas and counties (as shown in table A) will be published in the nine-volume set *Local Area Personal Income*, scheduled for release by July 1985. Each volume of that set will include a detailed description of the sources and methods used to derive the estimates. For further information, write to the address which precedes table A.

In addition to the routine annual revisions made to the 1981-82 estimates, the local area estimates for 1978 and later years reflect three major revisions resulting from the use of more current census data. Revisions have been made to: (1) farm proprietors' income, based on gross income and expense data from the 1978 Census of Agriculture; (2) the net rental value of owner-occupied nonfarm dwellings (imputed rent), based on housing value data from the 1980 Census of Housing; and (3) the residence adjustment to labor income, based on place-of-residence wage and salary data from the 1980 Census of Population. The farm proprietors' income and imputed rent revisions will be extended to years prior to 1978 as part of the next set of comprehensive revisions to the national and regional personal income estimates. At

1. For a discussion of the metropolitan area concepts and a list of the areas and their components, see U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States: 1985* (Washington, DC: U.S. GPO, 1984), pp. 873-882.

The population is measured as of July 1, except for the college student population, which 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 or a tornado or flood. In other instances, the income levels of certain groups not typical of the resident population may cause a longer term high or low per capita personal income that is not indicative of the economic well-being of the area. For instance, a major construction project—such as a defense facility, nuclear power plant, or dam—may substantially raise the per capita personal income of an area for several years because these projects attract highly paid workers whose income is measured at the construction site. This high per capita income is not indicative of the economic well-being of most of the residents of the area (or, in many cases, of the resident construction workers themselves, because they frequently send a substantial portion of their wages to dependents living in other areas).

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

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

PERSONAL income by type of payment and earnings by major industry group, as shown in table A, are available for metropolitan areas and for counties for 1959, 1962, and 1965–83. Similar estimates for 1929, 1940, and 1950 are available for metropolitan areas and nonmetropolitan counties only.

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

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

Table A.—Example of Available Data for Local Areas Personal Income by Major Source and Earnings by Major Industry, 1978–83¹

	[Thousands of dollars]					
New London County, Connecticut	1978	1979	1980	1981	1982	1983
Income by Place of Residence						
Total personal income.....	1,850,785	2,077,508	2,360,464	2,693,516	2,935,129	3,202,499
Nonfarm personal income.....	1,837,532	2,066,263	2,350,292	2,682,000	2,919,206	3,187,949
Farm income.....	13,253	11,240	10,172	11,516	15,923	14,550
Population (thousands) ²	242.7	240.8	238.1	241.5	240.6	243.5
Per capita personal income (dollars).....	7,625	8,627	9,913	11,152	12,201	13,154
Derivation of total personal income:						
Total earning by place of work.....	1,484,549	1,637,884	1,824,647	2,068,978	2,278,124	2,554,785
Less: Personal contributions for social insurance ³	72,590	84,466	94,655	114,573	127,093	142,696
Plus: Residence Adjustment ⁵	-62,831	-40,429	-39,811	-64,261	-90,674	-125,058
Equal: Net earnings by place of residence.....	1,349,128	1,512,989	1,690,181	1,890,144	2,060,357	2,287,031
Plus: Dividends, interest and rent ⁶	269,708	312,952	380,412	469,878	507,458	526,804
Plus: Transfer payments.....	231,949	251,562	289,871	333,494	367,314	388,664
Earnings by Place of Work						
Components of earnings:						
Wages and salaries.....	1,279,515	1,417,722	1,582,057	1,802,252	1,984,436	2,214,443
Other labor income.....	126,915	138,705	164,135	191,750	219,579	254,152
Proprietors' income ⁷	78,119	81,457	78,455	74,976	74,109	86,190
Farm ⁸	5,725	2,880	979	2,480	5,203	4,034
Nonfarm.....	72,394	78,577	77,476	72,496	68,906	82,156
Earnings by industry:						
Farm.....	13,253	11,240	10,172	11,516	15,923	14,550
Nonfarm.....	1,471,296	1,626,644	1,814,475	2,057,462	2,262,201	2,540,235
Private.....	1,098,748	1,234,065	1,392,508	1,593,031	1,769,910	1,997,683
Ag. services, forestry, fisheries, and other ⁸	3,444	3,816	3,990	3,907	4,308	5,042
Mining.....	995	1,139	1,124	1,105	1,246	1,040
Construction.....	42,792	71,254	78,144	119,161	181,886	267,365
Manufacturing.....	599,822	662,280	761,325	857,027	918,429	970,005
Nondurable goods.....	130,868	148,721	169,869	177,432	190,008	203,984
Durable goods.....	468,954	513,559	591,456	679,595	728,421	766,021
Transportation and public utilities.....	66,886	72,883	80,974	84,635	97,745	110,388
Wholesale trade.....	36,468	40,805	46,120	58,232	55,995	62,594
Retail trade.....	128,603	138,285	148,997	163,185	169,491	194,207
Finance, insurance, and real estate.....	30,242	33,828	36,250	36,338	37,239	43,846
Services.....	189,496	209,775	235,584	269,441	303,571	343,196
Government and government enterprises.....	372,548	392,579	421,967	464,431	492,291	542,552
Federal, civilian.....	76,762	81,729	85,818	94,550	97,465	105,189
Military.....	161,942	166,043	180,121	201,294	215,111	238,695
State and local.....	133,844	144,807	156,028	168,587	179,715	198,668

1. Estimates based on 1972 SIC.
2. U.S. Bureau of the Census estimates.
3. Personal contributions for social insurance are included in earnings by type and industry but excluded from personal income.
4. 1978–83 farm proprietors' & rental income and residence adjustment reflect revisions that have not been made for previous years.
5. Includes the capital consumption adjustment for rental income of persons.
6. Includes the inventory valuation and capital consumption adjustments.
7. Other—wages and salaries of U.S. residents working for international organizations in the United States.
8. Not shown to avoid disclosure of confidential information.
9. Less than \$50,000. Estimates are included in totals.

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas, 1981-83

Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in United States	Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in United States	
	Millions of dollars				Dollars					1983	Millions of dollars			Dollars				
	1981	1982	1983		1981	1982	1983				1981	1982		1983	1981	1982		1983
United States ²	2,420,091	2,575,847	2,734,464	6.2	10,544	11,113	11,687	.....	Chattanooga, TN-GA.....	3,780	3,996	4,243	6.2	8,777	9,342	9,948	243
Metropolitan portion.....	1,954,982	2,085,832	2,222,274	6.5	11,190	11,817	12,466	.....	Chicago, IL *.....	75,082	78,531	82,340	4.9	12,338	12,883	13,456	31
Nonmetropolitan portion.....	465,109	490,015	512,190	4.5	8,485	8,864	9,195	.....	Chico, CA.....	1,339	1,380	1,466	6.2	9,009	9,049	9,474	270
Consolidated Metropolitan Statistical Areas³									Cincinnati, OH-KY-IN *.....	14,921	15,625	16,541	5.9	10,597	11,091	11,777	107	
Buffalo, NY.....	12,814	13,355	13,892	4.0	10,407	10,946	11,329	.....	Clarksville-Hopkinsville, TN-KY.....	1,207	1,264	1,327	5.0	8,039	8,252	8,788	298
Chicago, IL.....	97,595	101,417	106,201	4.7	12,239	12,705	13,249	.....	Cleveland, OH *.....	22,473	23,447	24,600	4.9	11,924	12,505	13,103	39
Cincinnati, OH.....	17,552	18,376	19,444	5.8	10,507	10,995	11,674	.....	Colorado Springs, CO.....	3,101	3,485	3,813	9.4	9,628	10,507	11,218	151
Cleveland, OH.....	32,190	33,475	35,044	4.7	11,428	11,939	12,503	.....	Columbia, MO.....	901	972	1,069	10.0	8,776	9,362	10,292	220
Dallas, TX.....	37,330	41,218	45,223	9.7	12,302	13,070	13,846	.....	Columbia, SC.....	3,863	4,155	4,542	9.3	9,227	9,783	10,609	201
Denver, CO.....	21,510	23,861	25,497	6.9	12,849	13,844	14,423	.....	Columbus, GA-AL.....	1,939	2,088	2,256	8.1	8,118	8,574	9,328	272
Detroit, MI.....	54,002	54,683	57,957	6.0	11,483	11,810	12,586	.....	Columbus, OH.....	12,683	13,513	14,451	6.9	10,069	10,685	11,445	132
Houston, TX.....	48,463	47,724	48,008	6.0	13,308	13,755	13,482	.....	Corpus Christi, TX.....	3,305	3,601	3,738	3.8	9,850	10,345	10,503	208
Los Angeles, CA.....	143,773	152,579	163,104	6.9	12,256	12,754	13,379	.....	Cumberland, MD-WV.....	863	902	928	2.9	7,992	8,423	8,757	301
Miami, FL.....	31,866	33,809	36,228	7.2	11,566	12,141	12,973	.....	Dallas, TX *.....	25,454	28,145	30,864	9.7	12,574	13,415	14,222	21
Milwaukee, WI.....	18,596	19,484	20,254	4.0	11,817	12,430	12,895	.....	Danville, VA.....	884	915	978	6.8	7,904	8,219	8,831	294
New York, NY.....	218,788	236,383	254,681	7.7	12,535	13,516	14,505	.....	Davenport-Rock Island-Moline, IA-IL.....	4,415	4,426	4,464	.9	11,427	11,538	11,612	120
Philadelphia, PA.....	68,617	68,327	73,082	6.9	11,162	11,958	12,728	.....	Dayton-Springfield, OH.....	9,692	10,053	10,662	6.1	10,307	10,740	11,395	138
Pittsburgh, PA.....	26,619	27,702	28,366	2.4	11,053	11,536	11,920	.....	Daytona Beach, FL.....	2,549	2,778	3,016	8.6	9,396	9,875	10,413	215
Portland, OR.....	14,830	15,234	15,999	5.0	11,247	11,462	12,016	.....	Decatur, IL.....	1,451	1,462	1,475	.9	11,049	11,243	11,386	140
San Francisco, CA.....	75,029	80,538	87,163	8.2	13,740	14,564	15,500	.....	Denver, CO *.....	19,139	21,195	22,647	6.8	12,941	13,917	14,504	17
Seattle, WA.....	26,378	27,859	29,021	4.2	12,258	12,811	13,269	.....	Des Moines, IA.....	4,361	4,589	4,828	5.2	11,745	12,377	12,880	47
Metropolitan Statistical Areas⁴									Detroit, MI *.....	50,855	51,410	54,501	6.0	11,454	11,766	12,537	60	
Abilene, TX.....	1,260	1,359	1,426	4.9	11,076	11,465	11,777	106	Dothan, AL.....	988	1,038	1,103	6.4	7,878	8,188	8,812	296	
Akron, OH *.....	6,948	7,236	7,554	4.4	10,560	11,049	11,584	123	Dubuque, IA.....	922	925	945	2.1	9,821	9,996	10,257	222	
Albany, GA.....	932	997	1,071	7.4	8,126	8,638	9,228	278	Duluth, MN-WI.....	2,559	2,563	2,567	.2	9,633	9,723	9,930	244	
Albany-Schenectady-Troy, NY.....	8,622	9,283	9,945	7.1	10,321	11,125	11,830	104	Eau Claire, WI.....	1,158	1,229	1,300	5.7	7,738	8,129	8,708	257	
Albuquerque, NM.....	4,234	4,651	5,038	9.6	9,879	10,698	11,520	126	El Paso, TX.....	3,675	3,981	4,232	7.7	7,413	7,753	8,290	309	
Alexandria, LA.....	1,039	1,108	1,179	6.5	7,608	8,077	8,609	306	Elkhart-Goshen, IN.....	1,365	1,443	1,634	13.3	9,979	10,527	11,773	108	
Allentown-Bethlehem, PA-NJ.....	6,936	7,402	7,816	5.6	10,834	11,533	12,150	79	Elmira, NY.....	896	988	981	4.6	9,303	9,821	10,197	226	
Altoona, PA.....	1,124	1,167	1,204	3.2	8,278	8,592	8,912	239	Enid, OK.....	769	854	838	-1.8	11,942	12,610	12,378	66	
Amarillo, TX.....	1,907	2,080	2,219	6.7	10,769	11,464	11,924	93	Erie, PA.....	2,689	2,819	2,923	3.7	9,608	10,032	10,423	214	
Anaheim-Santa Ana, CA*.....	27,580	29,350	31,400	7.0	13,904	14,534	15,250	11	Eugene-Springfield, OR.....	2,483	2,469	2,612	5.8	8,959	9,075	9,726	256	
Anchorage, AK.....	2,962	3,622	4,017	10.9	16,431	18,555	19,020	1	Evansville, IN-KY.....	2,925	3,057	3,147	2.9	10,559	10,941	11,295	148	
Anderson, IN.....	1,291	1,258	1,347	7.1	9,391	9,905	9,998	237	Fargo-Moorhead, ND-MN.....	1,468	1,546	1,679	8.6	10,576	11,075	11,957	89	
Anderson, SC.....	1,079	1,141	1,224	7.3	9,924	9,919	9,886	291	Fayetteville, NC.....	1,858	1,998	2,185	9.4	7,398	7,981	8,772	299	
Ann Arbor, MI *.....	3,146	3,273	3,456	5.6	11,973	12,548	13,414	34	Fayetteville-Springdale, AR.....	791	850	924	8.6	7,827	8,361	9,008	285	
Annniston, AL.....	916	986	1,061	7.6	7,527	7,974	8,550	307	Flint, MI.....	4,911	4,796	5,202	8.5	10,990	10,898	11,876	98	
Appleton-Oshkosh-Neenah, WI.....	3,029	3,192	3,388	6.1	10,313	10,765	11,404	136	Florence, AL.....	1,180	1,234	1,310	6.1	8,616	9,028	9,637	262	
Asheville, NC.....	1,439	1,529	1,653	8.1	8,869	9,345	10,001	236	Florence, SC.....	878	919	978	6.3	7,843	8,161	8,639	305	
Athens, GA.....	1,066	1,176	1,292	9.9	8,049	8,790	9,556	266	Fort Collins-Loveland, CO.....	1,466	1,604	1,733	8.0	9,544	10,123	10,693	195	
Atlanta, GA.....	23,812	25,986	28,795	10.8	10,822	11,573	12,492	61	Fort Lauderdale-Hollywood-Pompano Beach, FL *.....	13,624	14,405	15,369	6.7	12,966	13,448	14,321	19	
Atlantic City, NJ.....	3,141	3,378	3,683	9.1	11,196	12,020	12,969	46	Fort Myers-Cape Coral, FL.....	2,378	2,575	2,801	8.8	10,887	11,148	11,612	120	
Augusta, GA-SC.....	2,970	3,350	3,634	8.5	8,346	9,439	10,074	234	Fort Pierce, FL.....	1,670	1,823	1,952	7.1	10,182	10,441	10,841	184	
Aurora-Elgin, IL *.....	3,896	3,880	4,019	3.6	12,273	12,186	12,559	59	Fort Smith, AR-OK.....	1,343	1,426	1,530	7.3	8,152	8,668	9,142	281	
Austin, TX.....	5,801	6,544	7,381	12.8	10,383	11,174	11,987	91	Fort Walton Beach, FL.....	989	1,090	1,190	9.1	8,642	9,187	9,889	248	
Bakersfield, CA.....	4,375	4,625	4,847	4.8	10,424	10,633	10,848	181	Fort Wayne, IN.....	3,634	3,658	3,837	4.9	10,297	10,459	10,994	173	
Baltimore, MD.....	24,283	25,654	27,353	6.6	10,986	11,564	12,254	74	Fort Worth-Arlington, TX *.....	11,876	13,073	14,359	9.8	11,755	12,384	13,103	39	
Bangor, ME (NECMA).....	1,152	1,224	1,323	8.1	8,376	8,890	9,398	261	Fresno, CA.....	5,501	5,661	5,953	5.2	10,451	10,542	10,922	177	
Baton Rouge, LA.....	5,297	5,671	5,977	5.4	10,392	10,875	11,254	150	Gadsden, AL.....	850	867	921	6.3	8,175	8,385	8,892	290	
Battle Creek, MI.....	1,433	1,474	1,527	3.6	10,217	10,558	11,082	167	Gainesville, FL.....	1,343	1,486	1,622	9.1	7,587	8,154	8,811	297	
Beaumont-Port Arthur, TX.....	4,291	4,524	4,663	3.1	11,184	11,784	12,013	85	Galveston-Texas City, TX *.....	2,367	2,620	2,629	.3	11,807	12,575	13,233	69	
Beaver County, PA *.....	2,145	2,132	2,167	1.7	10,690	10,539	10,734	188	Gary-Hammond, IN *.....	6,930	6,853	6,249	4.3	10,799	10,760	11,170	157	
Bellingham, WA.....	1,024	1,066	1,121	5.2	9,393	9,696	10,153	228	Glens Falls, NY.....	931	1,001	1,062	6.1	8,480	9,103	9,503	268	
Benton Harbor, MI.....	1,564	1,603	1,691	5.4	9,250	9,699	10,314	218	Grand Forks, ND.....	661	718	788	8.5	9,311	9,848	10,716	189	
Bergen-Passaic, NJ *.....	17,791	19,333	20,792	7.5	13,720	14,919	16,106	5	Grand Rapids, MI.....	6,153	6,443	6,925	7.5	10,134	10,538	11,334	145	
Billingham, MT.....	1,173	1,292	1,358	5.1	10,643	11,384	11,667	116	Great Falls, MT.....	762	804	849	5.6	9,519	10,041	10,492	209	
Biloxi-Gulfport, MS.....	1,468	1,597	1,684	5.4	7,777	8,319	8,746	302	Green Bay, WI.....	1,215	1,311	1,381	5.4	9,691	10,340	10,593	202	
Binghamton, NY.....	2,580	2,790	2,951	5.8	9,793	10,599	11,133	163	Greenville, SC.....	1,829	1,961	2,101	7.1	10,296	10,933	11,700	111	
Birmingham, AL.....	8,433	8,910	9,458	6.2	9,467	10,010	10,621	199	Greensboro-Winston-Salem-High Point, NC.....	8,682	9,169							

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas, 1981-83—Continued

Area title	Total personal income				Per capita personal income			Rank in United States	Area title	Total personal income				Per capita personal income			Rank in United States	
	Millions of dollars			Percent change ¹	Dollars					Rank in United States	Millions of dollars			Percent change ¹	Dollars			
	1981	1982	1983		1981	1982	1983				1981	1982	1983		1981	1982		1983
Joliet, IL *	4,016	4,103	4,264	3.9	11,204	11,470	11,836	103	Phoenix, AZ	16,824	17,894	19,598	9.5	10,796	11,116	11,779	105	
Joplin, MO	1,047	1,115	1,192	6.9	8,127	8,612	9,173	279	Pine Bluff, AR	740	761	811	6.5	8,127	8,411	8,966	287	
Kalamazoo, MI	2,292	2,370	2,529	6.7	10,764	11,073	11,966	88	Pittsburgh, PA *	24,474	25,571	26,199	2.5	11,094	11,628	11,920	94	
Kankakee, IL	1,037	1,064	1,070	.6	10,072	10,423	10,539	207	Pittsfield, MA (NECMA)	1,461	1,575	1,679	6.6	10,154	11,098	11,874	99	
Kansas City, MO-KS	16,343	17,432	18,530	6.3	11,331	12,014	12,654	56	Portland, ME (NECMA)	2,230	2,452	2,639	7.6	10,281	11,241	11,888	97	
Kenosha, WI *	1,311	1,389	1,455	4.7	10,684	11,437	11,910	95	Portland, OR *	12,853	13,199	13,855	5.0	11,458	11,688	12,268	78	
Killeen-Temple, TX	1,797	2,001	2,145	7.2	8,224	9,187	9,930	244	Portsmouth-Dover									
Knoxville, TN	5,027	5,435	5,690	4.7	8,774	9,362	9,831	251	Rochester, NH (NECMA)	2,948	3,267	3,599	10.2	10,410	11,386	12,350	68	
Kokomo, IN	1,105	1,076	1,163	8.0	10,695	10,606	11,386	141	Poughkeepsie, NY	2,711	2,993	3,195	6.7	11,058	12,152	12,761	52	
La Crosse, WI	910	972	1,028	5.7	9,868	10,454	11,180	156	Providence-Pawtucket-Woonsocket, RI (NECMA)	8,900	9,493	10,171	7.1	10,231	10,915	11,674	114	
Lafayette, LA	2,394	2,694	2,659	-1.3	12,066	12,967	12,302	70	Provo-Orem, UT	1,451	1,501	1,588	5.8	6,381	6,442	6,741	310	
Lafayette, IN	1,130	1,172	1,222	4.2	9,220	9,465	9,971	240	Pueblo, CO	1,176	1,197	1,194	-2	9,336	9,507	9,615	263	
Lake Charles, LA	1,785	1,820	1,889	3.8	10,410	10,414	10,679	197	Racine, WI *	1,959	2,016	2,089	3.6	11,275	11,655	12,039	83	
Lake County, IL *	6,360	6,661	6,976	4.7	14,181	14,731	15,347	10	Raleigh-Durham, NC	5,824	6,384	7,056	10.5	10,189	11,013	11,951	90	
Lakeland-Winter Haven, FL	3,049	3,186	3,374	5.9	9,138	9,341	9,756	252	Reading, PA	3,394	3,601	3,862	7.3	10,799	11,448	12,269	92	
Lancaster, PA	3,724	4,005	4,268	6.6	10,131	10,774	11,463	130	Reading, PA	1,085	1,146	1,214	5.9	8,993	9,405	9,744	253	
Lansing-East Lansing, MI	4,290	4,415	4,769	8.0	10,233	10,637	11,609	122	Reno, NV	2,695	2,799	2,958	5.7	13,389	13,469	14,125	22	
Laredo, TX	628	672	668	-6	6,028	6,174	6,017	312	Richard-Kennewick-Pasco, WA	1,810	1,848	1,864	9	12,165	12,045	12,358	67	
Las Cruces, NM	721	790	868	9.8	7,517	7,921	8,485	308	Richmond-Petersburg, VA	8,853	9,534	10,242	7.4	11,445	12,245	13,039	41	
Las Vegas, NV	5,560	5,876	6,274	6.8	11,322	11,524	12,052	82	Riverside-San Bernardino, CA *	17,096	18,141	19,443	7.2	10,511	10,769	11,188	155	
Lawrence, KS	587	610	649	6.4	8,490	8,797	9,298	275	Roanoke, VA	2,212	2,369	2,571	8.5	9,970	10,683	11,636	117	
Lawton, OK	897	1,019	1,087	6.7	7,959	8,388	8,871	292	Rochester, MN	1,104	1,220	1,308	6.8	11,862	13,006	13,943	24	
Lewiston-Auburn, ME (NECMA)	845	903	968	7.2	8,470	9,056	9,736	254	Rochester, NY	11,194	12,050	12,519	3.9	11,413	12,290	12,649	57	
Lexington-Fayette, KY	3,478	3,762	4,059	7.9	10,870	11,727	12,582	58	Rockford, IL	3,140	3,139	3,213	2.4	11,194	11,228	11,463	131	
Lima, OH	1,486	1,545	1,629	5.4	9,610	10,104	10,665	198	Sacramento, CA	12,363	13,087	13,978	6.8	10,893	11,198	11,676	113	
Lincoln, NE	2,079	2,228	2,334	4.8	10,546	11,215	11,698	112	Saginaw-Bay City-Midland, MI	4,200	4,220	4,477	6.1	10,001	10,162	10,824	185	
Little Rock-North Little Rock, AR	4,608	4,953	5,379	8.6	9,629	10,272	11,039	169	St. Cloud, MN	1,360	1,450	1,542	6.5	8,200	8,649	9,127	282	
Longview-Marshall, TX	1,633	1,806	1,856	2.8	10,374	10,886	11,008	172	St. Joseph, MO	809	876	912	4.1	9,292	10,108	10,554	206	
Lorain-Elyria, OH *	2,769	2,792	2,890	3.5	10,101	10,195	10,574	204	St. Louis, MO-IL	26,771	28,547	30,459	6.7	11,247	12,020	12,710	53	
Los Angeles-Long Beach, CA *	92,679	98,203	104,896	6.8	12,234	12,754	13,417	33	Salem, OR	2,389	2,424	2,534	4.5	9,174	9,527	9,949	242	
Louisville, KY-IN	9,792	10,343	10,999	6.3	10,239	10,811	11,507	128	Salinas-Seaside-Monterey, CA	3,589	3,767	3,992	6.0	11,994	12,343	12,845	49	
Lubbock, TX	2,066	2,219	2,439	9.9	9,690	10,289	11,123	164	Salt Lake City-Ogden, UT	8,583	9,292	9,953	7.1	9,049	9,534	9,992	247	
Lyndhurst, VA	1,327	1,407	1,484	5.5	9,335	9,878	10,444	212	San Angelo, TX	906	1,020	1,088	6.7	10,824	11,181	11,580	124	
Macon-Warner Robins, GA	2,360	2,582	2,792	8.1	8,828	9,554	10,200	225	San Antonio, TX	10,831	11,379	12,354	8.6	9,937	9,991	10,569	205	
Madison, WI	3,740	4,030	4,302	6.7	11,401	12,173	13,021	42	San Diego, CA	21,408	23,050	24,730	7.3	11,137	11,716	12,272	71	
Manchester-Nashua, NH (NECMA)	3,067	3,402	3,767	10.7	10,889	11,932	12,984	44	San Francisco, CA *	23,525	25,207	27,133	7.6	15,686	16,698	17,875	3	
Mansfield, OH	1,264	1,280	1,392	8.8	9,650	9,859	10,733	187	San Jose, CA *	18,152	19,831	21,555	8.7	13,767	14,877	15,853	6	
McAllen-Edinburg-Mission, TX	1,706	1,861	1,940	4.3	7,555	7,979	8,512	313	Santa Barbara-Santa Maria-Lompoc, CA	3,821	4,117	4,388	6.6	12,587	13,308	13,843	26	
Medford, OR	1,166	1,187	1,274	7.4	8,652	8,805	9,002	269	Santa Cruz, CA *	2,123	2,252	2,436	6.2	11,004	11,467	12,174	78	
Melbourne-Titusville-Palm Bay, FL	2,932	3,221	3,522	9.3	10,208	10,643	11,481	129	Santa Fe, NM	1,006	1,111	1,219	9.7	10,519	11,330	11,998	86	
Memphis, TN-AR-MS	8,695	9,182	9,852	7.3	9,445	9,935	10,590	203	Santa Rosa-Petaluma, CA *	3,721	3,942	4,246	7.7	12,071	12,549	13,229	35	
Miami-Hialeah, FL *	18,242	19,404	20,859	7.5	10,704	11,324	12,131	80	Sarasota, FL	2,857	3,059	3,314	8.3	13,485	13,935	14,612	15	
Middlesex-Somerset-Hunterdon, NJ *	11,920	13,058	13,997	7.2	13,366	14,545	15,423	9	Savannah, GA	2,062	2,265	2,422	6.9	9,185	9,874	10,467	210	
Midland, TX	1,446	1,632	1,659	-1.4	16,149	16,805	15,507	8	Scranton-Wilkes-Barre, PA	6,452	6,953	7,393	6.3	8,859	9,567	10,170	227	
Milwaukee, WI *	16,637	17,467	18,165	4.0	11,884	12,527	13,001	43	Seattle, WA *	21,305	22,474	23,405	4.2	12,920	13,497	13,955	23	
Minneapolis-St. Paul, MN-WI	26,466	28,467	30,428	7.1	12,201	12,981	13,781	29	Sharon, PA	1,221	1,221	1,224	2	9,548	9,584	9,656	259	
Mobile, AL	3,860	4,051	4,209	3.9	8,549	8,860	9,171	280	Sheboygan, WI	1,088	1,125	1,180	4.9	10,753	11,086	11,626	118	
Modesto, CA	2,781	2,955	3,067	4.5	10,095	10,488	10,687	196	Sherman-Denison, TX	900	974	1,042	7.0	9,841	10,521	11,148	161	
Monmouth-Ocean, NJ *	9,909	10,799	11,661	8.0	11,513	12,413	13,191	36	Shreveport, LA	3,452	3,687	3,859	4.7	10,167	10,632	10,942	175	
Monroe, LA	1,152	1,235	1,325	7.3	8,177	8,739	9,300	273	Sioux City, IA-NE	1,217	1,231	1,276	3.7	10,305	10,441	10,842	183	
Montgomery, AL	2,522	2,700	2,929	8.5	9,125	9,708	10,432	213	Sioux Falls, SD	1,164	1,245	1,342	7.8	10,521	11,081	11,742	109	
Muncie, IN	1,142	1,131	1,201	6.2	8,989	9,001	9,573	264	South Bend-Mishawaka, IN	2,448	2,519	2,673	6.1	10,160	10,512	11,197	152	
Muskegon, MI	1,393	1,429	1,494	4.5	8,872	9,189	9,671	258	Spokane, WA	3,378	3,492	3,722	6.6	9,732	10,015	10,694	193	
Naples, FL	1,181	1,289	1,396	8.3	12,614	12,794	13,428	32	Springfield, IL	2,097	2,211	2,259	2.2	11,129	11,766	12,093	84	
Nashville, TN	8,412	8,984	9,709	8.1	9,832	10,384	11,058	168	Springfield, MO	1,899	2,047	2,200	7.5	9,105	9,737	10,314	219	
Nassau-Suffolk, NY *	36,164	38,124	41,521	8.9	13,898	14,626	15,637	7	Springfield, MA (NECMA)	5,776	6,203	6,627	6.8	9,897	10,679	11,392	139	
New Bedford-Fall River-Attleboro, MA (NECMA)	4,422	4,828	5,208	7.9	9,263	10,086	10,824	185	State College, PA	887	956	1,022	6.9	7,756	8,408	9,019	284	
New Haven-Waterbury-Meriden, CT (NECMA)	8,773	9,406	10,085	7.2	11,501	12,338	13,187	37	Staubenville-Weirton-OH-WV	1,626	1,618	1,617	-1	10,005	10,039	10,211	224	
New London-Norwich, CT (NECMA)	2,694	2,935	3,202	9.1	11,152	12,201	13,154	38	Stockton, CA	3,783	3,957	4,130	4.4	10,474	10,621	10,		

Table 1.—Total Personal Income and Per Capita Personal Income by Metropolitan Areas, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in United States		Millions of dollars			Percent change ¹	Dollars			Rank in United States
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
				1982-83				1983					1982-83				1983
Wausau, WI	1,011	1,064	1,123	5.5	9,085	9,474	9,998	239	Wilmington, NC	938	1,002	1,086	8.3	8,925	9,337	9,951	241
West Palm Beach-Boca Raton-Delray Beach, FL	8,483	9,146	9,973	9.0	13,686	14,156	15,142	12	Worcester-Fitchburg-Leominster, MA (NECMA)	6,465	6,919	7,376	6.6	9,978	10,672	11,334	146
Wheeling, WV-OH	1,737	1,817	1,834	.9	9,383	9,859	10,076	233	Yakima, WA	1,589	1,689	1,776	5.1	9,100	9,595	10,022	235
Wichita, KS	5,088	5,403	5,567	3.0	12,075	12,624	12,981	45	York, PA	3,770	4,009	4,205	4.9	9,785	10,358	10,848	181
Wichita Falls, TX	1,404	1,510	1,533	1.5	11,302	11,835	11,970	87	Youngstown-Warren, OH	5,475	5,386	5,589	3.8	10,374	10,278	10,705	190
Williamsport, PA	1,055	1,111	1,148	3.4	8,978	9,473	9,729	255	Yuba City, CA	1,006	1,008	1,067	5.9	9,686	9,485	9,898	246
Wilmington, DE-NJ-MD *	5,999	6,404	6,864	7.2	11,423	12,090	12,859	48									

1. Percent change was calculated from unrounded data.
 2. The personal income level shown for the United States differs from that in the national income and product accounts, primarily because it omits income received by Federal Government employees overseas.
 3. Only the name of the largest city in each Consolidated Metropolitan Statistical Area (CMSA) is shown. Complete titles designated by the Office of Management and Budget include additional city names.
 4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's, indicated by *), and New England County Metropolitan Areas (NECMA's). The Bridgeport-Stamford-Norwalk-Danbury, CT NECMA is presented as a PMSA (part of the New York CMSA).

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pervision of Robert L. Brown, Chief. Major responsibilities were assigned to John M. Reed and Albert Silverman.

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

Public use tabulations and data files, and the text and tables for the article were prepared by the Regional Economic Information System Branch, under the supervision of Vivian G. Conklin, Assistant Chief. Major responsibilities were assigned to Kathy A. Albetski, Wallace K. Bailey, and Eunice P. James.

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83

Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in State	Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in State
	Millions of dollars				Dollars					Millions of dollars				Dollars			
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983		1981	1982	1983
United States ²	2,420,091	2,575,847	2,734,464	6.2	10,544	11,113	11,687	.....	Kodiak.....	130	152	169	11.5	13,138	15,098	16,050	9
Metropolitan portion.....	1,954,982	2,085,832	2,222,274	6.5	11,190	11,817	12,466	.....	Kuskokwim.....	16	19	22	15.2	6,162	6,861	7,413	28
Nonmetropolitan portion..	465,109	490,015	512,190	4.5	8,485	8,864	9,195	.....	Matanuska-Susitna.....	238	315	360	14.3	12,420	14,344	13,395	18
Alabama.....	32,314	34,223	36,536	6.8	8,229	8,683	9,229	.....	Nome.....	64	76	86	13.3	9,642	10,945	11,779	22
Metropolitan portion.....	22,100	23,416	24,949	6.5	8,866	9,357	9,933	.....	Outer Ketchikan.....	16	17	20	17.3	10,910	11,158	11,967	21
Nonmetropolitan portion..	10,214	10,808	11,587	7.2	7,122	7,511	8,006	.....	Prince of Wales.....	34	38	41	6.8	12,040	13,251	12,949	19
Autauga.....	258	273	294	7.6	7,967	8,410	8,865	17	Seward.....	41	51	54	6.6	14,111	16,215	15,809	10
Baldwin.....	700	737	775	5.1	8,669	9,040	9,272	8	Sitka.....	111	120	122	1.5	13,762	15,038	15,269	12
Barbour.....	173	178	199	8.0	7,228	7,452	7,750	41	Skagway-Yakutat.....	33	39	44	12.9	12,282	13,864	15,396	11
Bibb.....	104	110	116	6.1	6,656	6,860	7,180	53	Southeast Fairbanks.....	51	61	65	7.2	9,482	10,874	11,001	24
Blount.....	250	260	279	4.9	6,760	7,111	7,502	47	Upper Yukon.....	18	21	22	6.0	11,245	12,375	12,229	20
Bullock.....	69	71	75	6.7	6,700	6,646	7,104	55	Valdez-Chitina-Whittier.....	96	112	113	2	15,477	17,810	17,222	8
Butler.....	156	156	166	6.5	7,138	7,174	7,499	48	Wade Hampton.....	26	30	32	5.0	5,369	5,936	6,027	29
Calhoun.....	916	986	1,061	7.6	7,527	7,974	8,550	22	Wrangell-Petersburg.....	90	105	116	10.3	14,337	16,371	17,252	7
Chambers.....	277	292	321	10.0	6,950	7,287	7,989	34	Yukon-Koyukuk.....	66	75	80	7.9	12,729	13,930	13,982	17
Cherokee.....	121	129	135	5.3	6,482	6,759	6,862	60	Arizona.....	27,559	29,068	31,567	8.6	9,819	10,050	10,653	.....
Chilton.....	219	231	243	5.2	7,098	7,488	7,882	40	Metropolitan portion.....	22,166	23,556	25,719	9.2	10,497	10,817	11,502	.....
Choctaw.....	112	123	134	8.3	6,899	7,600	7,930	39	Nonmetropolitan portion..	5,393	5,511	5,848	6.1	7,759	7,714	8,043	.....
Clarke.....	190	202	213	5.5	6,665	7,073	7,626	44	Apache.....	264	272	296	8.9	5,176	5,206	5,740	15
Clay.....	94	101	104	2.7	6,986	7,440	7,580	46	Cochise.....	671	708	758	7.9	5,777	5,817	6,356	8
Cleburne.....	82	85	91	7.1	6,588	6,664	7,194	52	Coconino.....	585	617	672	8.9	7,819	7,993	8,386	7
Coffee.....	309	334	358	7.0	7,776	8,308	8,894	15	Gila.....	338	334	337	1.0	8,649	8,380	8,599	4
Colbert.....	473	492	523	6.3	8,606	9,055	9,628	7	Graham.....	139	141	149	5.9	6,066	6,034	6,245	14
Conecuh.....	99	105	110	4.2	6,492	6,937	6,765	61	Greenlee.....	109	84	90	7.3	9,160	7,018	8,184	9
Cosa.....	65	67	73	9.6	5,856	5,946	6,449	64	La Paz ³.....	.....	.....	100	.....	.....	.....	7,587	11
Covington.....	281	297	322	8.4	7,641	8,107	8,706	19	Maricopa.....	16,824	17,894	19,598	9.5	10,796	11,116	11,779	1
Crenshaw.....	100	105	114	8.3	7,125	7,598	8,123	30	Mohave.....	498	511	549	7.3	8,889	8,219	8,575	5
Cullman.....	441	464	503	8.3	7,062	7,412	7,969	35	Navajo.....	442	462	497	7.5	6,564	6,743	7,119	13
Dale.....	350	380	401	5.6	7,135	7,740	8,321	27	Pima.....	5,343	5,662	6,121	8.1	9,654	9,969	10,694	2
Dallas.....	394	423	432	2.0	7,071	7,555	7,953	37	Pinal.....	747	723	734	1.5	8,090	7,558	7,455	12
De Kalb.....	365	386	414	7.2	6,673	7,024	7,591	45	Santa Cruz.....	162	173	173	3.7	7,779	7,775	7,769	10
Elmore.....	355	379	412	8.8	7,984	8,634	9,094	12	Yavapai.....	681	712	774	8.7	9,293	9,384	9,868	3
Escambia.....	283	304	325	7.0	7,469	8,223	9,024	13	Yuma ³	755	784	717	.....	8,087	8,175	8,532	6
Etowah.....	850	867	921	6.3	8,175	8,385	8,892	16	Arkansas.....	18,415	19,451	20,802	6.9	8,006	8,432	8,936	.....
Fayette.....	138	147	158	7.4	7,468	8,016	8,433	26	Metropolitan portion.....	7,935	8,458	9,122	7.8	8,897	9,444	10,091	.....
Franklin.....	218	229	241	5.2	7,688	7,995	8,489	24	Nonmetropolitan portion..	10,480	10,993	11,680	6.3	7,441	7,789	8,203	.....
Geneva.....	183	191	206	7.5	7,841	8,208	8,676	20	Arkansas.....	228	224	232	3.5	9,409	9,206	9,592	8
Greene.....	60	63	67	6.3	5,520	5,825	5,998	66	Ashley.....	196	203	215	6.1	7,275	7,641	8,136	29
Hale.....	86	91	97	7.2	5,616	5,934	6,158	65	Baxter.....	243	266	288	8.2	6,765	6,471	6,983	7
Henry.....	106	106	113	6.2	7,064	7,176	7,379	49	Benton.....	706	763	828	8.6	8,868	9,513	10,066	5
Houston.....	637	658	703	6.8	8,356	8,471	9,118	11	Boone.....	206	222	240	8.2	7,741	8,321	8,827	15
Jackson.....	385	396	420	6.2	7,432	7,634	8,072	31	Bradley.....	93	100	106	6.6	6,779	7,347	7,897	33
Jefferson.....	6,680	7,045	7,485	6.3	9,918	10,487	11,140	2	Calhoun.....	37	40	45	11.1	6,056	6,562	7,281	58
Lamar.....	124	131	143	8.6	7,754	8,269	8,636	21	Carroll.....	122	134	144	7.2	7,436	8,118	8,417	22
Lauderdale.....	708	742	787	6.0	8,622	9,011	9,642	6	Chicot.....	109	109	108	-5	6,108	5,988	5,970	70
Lawrence.....	197	205	213	4.0	6,438	6,618	6,926	58	Clark.....	169	178	193	8.4	7,282	7,743	8,331	23
Lee.....	553	595	650	9.1	7,174	7,501	8,456	25	Clay.....	146	144	154	6.8	7,182	7,114	7,627	45
Limestone.....	346	377	402	6.8	7,538	8,233	8,541	23	Cleburne.....	126	136	148	8.6	7,371	7,756	8,178	27
Lowndes.....	75	84	89	6.6	5,890	6,685	6,893	59	Cleveland.....	52	55	58	5.5	6,497	6,828	7,150	60
Macon.....	152	161	174	8.0	5,684	6,042	6,631	62	Columbia.....	220	238	248	4.3	8,185	8,768	9,104	11
Madison.....	1,944	2,127	2,354	10.7	9,745	10,564	11,357	1	Conway.....	143	149	160	7.8	7,419	7,758	8,278	26
Marengo.....	164	175	181	3.9	6,584	7,031	7,122	54	Crawford.....	503	528	570	8.1	7,976	8,428	9,068	12
Marion.....	201	219	235	7.1	6,609	7,239	7,627	43	Crawford.....	250	263	282	7.2	6,677	6,952	7,300	53
Marshall.....	516	540	590	9.1	7,734	8,077	8,754	18	Crittenden.....	365	371	384	3.4	7,363	7,468	7,681	42
Mobile.....	3,160	3,314	3,435	3.6	8,523	8,842	9,149	10	Cross.....	148	141	149	5.3	7,189	6,817	7,201	58
Monroe.....	163	170	182	6.6	7,404	7,746	8,041	33	Dallas.....	74	79	85	7.2	7,001	7,429	7,863	34
Montgomery.....	1,909	2,048	2,223	8.6	9,567	10,150	10,989	3	Desha.....	134	137	143	3.7	6,777	6,941	7,218	57
Morgan.....	807	857	939	9.5	8,922	9,458	10,189	4	Drew.....	117	120	125	4.4	6,514	6,693	6,979	61
Perry.....	74	77	83	7.8	4,992	5,164	5,476	67	Faulkner.....	373	411	450	9.6	7,980	8,690	9,307	10
Pickens.....	142	149	155	4.2	6,694	7,007	7,068	56	Franklin.....	106	112	119	6.4	7,158	7,480	7,818	37
Pike.....	203	211	222	5.3	7,090	7,444	7,959	36	Fulton.....	53	55	59	6.5	5,310	5,548	5,763	73
Randolph.....	129	140	146	4.5	6,554	7,051	7,267	51	Garland.....	645	697	744	6.7	9,081	9,751	10,216	4
Russell.....	326	338	366	8.3	6,883	7,153	7,734	42	Grant.....	98	105	114	8.6	7,516	8,143	8,731	16
St. Clair.....	310	325	347	6.9	7,352	7,713	8,135	29	Greene.....	223	229	250	9.3	7,249	7,387	8,043	30
Shelby.....	632	675	715	5.9	9,192	9,598	10,161	5	Hempstead.....	166	176	184	4.3	7,040	7,491	7,795	38
Sumter.....																	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Poinsett.....	191	188	200	6.1	7,175	7,147	7,619	46	Chaffee.....	130	135	140	3.5	9,594	10,104	10,795	30
Polk.....	107	113	119	5.4	6,177	6,596	6,876	62	Cheyenne.....	21	19	31	65.4	9,335	8,126	13,964	8
Pope.....	297	313	341	8.8	7,390	7,745	8,317	24	Clear Creek.....	77	83	87	4.4	10,351	11,386	12,070	21
Prairie.....	82	76	82	7.4	8,085	7,487	8,042	31	Conejos.....	37	41	44	7.8	4,775	5,222	5,385	63
Pulaski.....	3,509	3,783	4,103	8.5	10,231	10,962	11,799	1	Costilla.....	21	22	24	11.2	6,737	6,931	7,068	62
Randolph.....	106	105	113	7.6	6,355	6,383	6,785	64	Crowley.....	34	35	34	-4.1	11,357	11,732	11,141	28
St. Francis.....	214	217	228	4.9	6,888	6,935	7,281	55	Custer.....	13	14	15	7.2	8,233	8,585	8,715	52
Saline.....	446	472	513	8.8	8,292	8,654	9,317	9	Delta.....	181	203	209	3.0	8,022	8,592	8,901	51
Scott.....	63	66	71	7.5	6,511	6,809	7,290	54	Denver.....	6,556	7,159	7,521	5.1	13,132	14,135	14,818	7
Searcy.....	44	48	51	7.5	5,033	5,389	5,787	71	Dolores.....	14	16	18	10.3	8,403	9,500	10,156	41
Sebastian.....	892	947	1,014	7.1	9,282	9,956	10,543	3	Douglas.....	387	442	492	11.2	14,364	15,342	15,736	3
Sevier.....	102	110	115	4.9	7,223	7,765	8,026	32	Eagle.....	177	201	215	7.2	12,791	13,001	13,071	11
Sharp.....	101	105	112	6.8	6,758	7,183	7,409	49	Elbert.....	79	88	98	11.9	11,137	11,783	12,450	17
Stone.....	47	51	55	7.7	5,109	5,458	5,710	74	El Paso.....	3,101	3,485	3,813	9.4	9,628	10,507	11,218	26
Union.....	474	520	540	3.9	9,736	10,658	11,061	2	Fremont.....	249	270	286	5.8	8,517	9,048	9,569	48
Van Buren.....	84	89	95	6.4	6,193	6,374	6,626	67	Garfield.....	305	375	357	-4.8	12,295	13,035	12,456	16
Washington.....	791	850	924	8.6	7,827	8,361	9,003	13	Gilpin.....	25	26	28	7.1	9,803	10,014	10,475	35
White.....	363	382	405	6.0	7,064	7,427	7,786	39	Grand.....	83	89	97	8.6	10,900	10,805	11,641	25
Woodruff.....	87	80	82	2.6	7,805	7,316	7,629	44	Gunnison.....	80	85	87	2.1	7,408	7,754	7,874	57
Yell.....	118	125	135	7.5	6,882	7,290	7,637	43	Hinsdale.....	3	3	4	17.0	6,109	7,403	7,353	60
California	293,196	311,609	333,706	7.1	12,106	12,617	13,256		Huerfano.....	49	54	58	6.7	6,642	8,070	8,362	55
Metropolitan portion.....	282,149	300,238	321,606	7.1	12,235	12,771	13,420		Jefferson.....	19	20	18	-9.9	9,514	10,191	10,393	37
Nonmetropolitan portion.....	11,046	11,371	12,100	6.4	9,535	9,575	10,000		Jefferson.....	5,021	5,604	5,989	6.9	13,048	14,248	14,862	6
Alameda.....	14,066	15,008	16,254	8.3	12,483	13,148	13,971	8	Kiowa.....	21	22	34	60.2	10,395	11,060	17,874	1
Alpine.....	9	10	11	5.7	7,240	8,428	8,923	54	Kit Carson.....	80	74	101	36.6	10,587	9,632	12,952	13
Amador.....	200	210	226	7.3	9,849	10,142	10,439	32	Lake.....	88	77	61	-21.4	9,687	9,052	7,330	58
Butte.....	1,339	1,380	1,466	6.2	9,009	9,049	9,474	45	La Plata.....	241	266	286	7.4	8,500	9,024	9,285	49
Calaveras.....	181	188	199	5.9	8,244	8,070	8,417	57	Larimer.....	1,466	1,604	1,733	8.0	9,544	10,123	10,693	32
Colusa.....	206	169	189	12.2	15,736	12,240	13,756	10	Las Animas.....	118	121	124	2.6	7,801	7,977	8,274	56
Contra Costa.....	9,521	10,120	11,048	9.2	14,243	14,888	15,785	5	Lincoln.....	51	53	64	20.8	11,263	11,635	13,264	9
Del Norte.....	169	159	163	2.6	8,999	8,613	8,797	55	Logan.....	200	208	217	4.5	10,013	10,411	10,906	29
El Dorado.....	923	977	1,043	7.3	10,242	10,388	10,809	29	Mesa.....	885	980	984	3.0	10,157	10,425	10,205	39
Fresno.....	5,501	5,661	5,958	5.2	10,451	10,542	10,922	26	Mineral.....	10	10	10	6.1	11,321	11,529	11,679	24
Glenn.....	291	245	263	7.2	13,270	11,064	11,762	20	Moffat.....	127	146	152	4.0	9,409	10,069	10,053	43
Humboldt.....	1,053	1,047	1,110	6.1	9,540	9,505	10,155	34	Montezuma.....	162	180	191	6.1	9,352	9,995	10,168	40
Imperial.....	920	927	932	5.9	6,641	6,468	6,330	48	Montrose.....	196	217	226	4.5	7,755	8,412	8,710	53
Inyo.....	187	190	202	6.2	10,898	10,329	11,091	24	Morgan.....	241	251	259	3.2	10,705	10,991	11,199	27
Kern.....	4,375	4,625	4,847	4.8	10,424	10,693	10,848	28	Otero.....	192	204	212	3.8	8,508	9,052	9,609	46
Kings.....	702	717	749	4.5	9,197	9,162	9,285	50	Ouray.....	19	21	21	2.0	9,448	9,987	10,464	36
Lake.....	366	407	432	6.2	9,348	9,967	10,131	35	Park.....	56	64	72	12.1	9,493	10,433	10,711	31
Lassen.....	191	203	214	5.2	8,896	8,683	9,033	53	Phillips.....	52	46	57	24.4	11,517	9,989	12,195	20
Los Angeles.....	92,679	98,203	104,896	6.8	12,234	12,754	13,417	11	Pitkin.....	175	187	199	6.7	17,384	18,082	17,497	2
Madera.....	658	662	692	4.5	9,786	9,589	9,814	38	Prowers.....	117	128	147	15.1	8,966	9,636	10,648	33
Marin.....	3,926	4,217	4,572	8.4	17,509	18,825	20,085	1	Pueblo.....	1,176	1,197	1,194	-2	9,336	9,507	9,615	45
Mariposa.....	107	114	126	10.4	9,109	9,496	10,090	37	Rio Blanco.....	83	93	89	-4.0	12,356	13,256	12,410	18
Mendocino.....	649	673	719	6.8	9,520	9,680	10,234	33	Rio Grande.....	93	103	105	2.2	8,584	9,328	9,254	50
Merced.....	1,297	1,360	1,410	3.6	9,302	9,538	9,730	40	Routt.....	169	181	185	2.5	12,463	12,962	12,971	12
Modoc.....	86	89	89	2.9	9,508	9,578	9,397	47	Saguache.....	28	30	31	5.0	7,077	7,424	7,540	59
Mono.....	86	95	98	2.7	9,604	10,147	10,123	36	San Juan.....	8	8	10	21.0	8,404	7,041	10,103	42
Monterey.....	3,589	3,767	3,992	6.0	11,994	12,343	12,845	13	San Miguel.....	20	22	23	4.0	6,086	7,071	7,286	61
Napa.....	1,267	1,347	1,432	6.3	12,707	13,316	14,127	7	San Mateo.....	36	34	39	15.5	11,050	10,407	12,337	19
Nevada.....	520	555	597	7.4	9,186	9,275	9,612	42	Sedgewick.....	122	129	139	7.4	13,007	12,588	12,736	14
Orange.....	27,580	29,850	31,400	7.0	13,904	14,534	15,250	6	Summit.....	82	89	103	16.5	9,608	9,786	10,259	38
Placer.....	1,363	1,443	1,539	6.7	11,127	11,418	11,839	17	Teller.....	61	56	82	46.1	11,698	10,398	15,054	5
Plumas.....	158	161	174	7.9	8,849	8,792	9,484	44	Washington.....	1,215	1,311	1,381	5.4	9,691	10,340	10,593	34
Riverside.....	7,684	8,203	8,748	6.6	11,106	11,446	11,816	18	Weld.....	124	108	117	8.2	12,692	10,889	11,889	22
Sacramento.....	8,863	9,412	10,072	7.0	10,990	11,325	11,804	19	Yuma.....	40,353	43,642	46,890	7.4	12,921	13,963	14,945	
San Benito.....	242	251	265	5.8	9,363	9,308	9,668	41	Metropolitan portion.....	37,549	40,625	43,665	7.5	13,077	14,141	15,146	
San Bernardino.....	9,412	9,939	10,695	7.6	10,070	10,268	10,723	30	Nonmetropolitan portion.....	2,804	3,016	3,225	6.9	11,136	11,936	12,671	
San Diego.....	21,408	23,050	24,730	7.3	11,137	11,076	12,272	15	Fairfield.....	12,876	13,951	15,020	7.7	15,835	17,098	18,379	1
San Francisco.....	10,233	10,927	11,612	6.3	14,918	15,755	16,931	3	Hartford.....	10,382	11,244	12,034	7.0	12,844	13,923	14,875	2
San Joaquin.....	3,783	3,957	4,130	4.4	10,474	10,621	10,906	27	Litchfield.....	1,889	2,039	2,181	6.9	11,939	12,357	13,625	4
San Luis Obispo.....	1,619	1,737	1,932	14.1	9,958	10,394	11,508	22	Middlesex.....	1,571	1,721	1,850	7.5	12,117	13,269	14,155	3
San Mateo.....	9,366	10,063	10,948	8.8	15,885	16,998	18,053	2	New Haven.....	8,773	9,406	10,085	7.2	11,501	12,338	13,187	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Dade.....	18,242	19,404	20,859	7.5	10,704	11,324	12,131	8	Coffee.....	175	195	211	8.1	6,442	7,086	7,534	114
Desoto.....	149	154	161	4.5	7,579	7,634	7,916	42	Colquitt.....	252	277	291	5.0	7,034	7,648	8,002	91
Dixie.....	45	50	54	8.2	5,647	6,016	6,268	63	Columbia.....	379	443	495	11.8	9,028	10,088	10,698	9
Duval.....	5,711	6,243	6,782	8.6	9,808	10,619	11,303	14	Cook.....	78	85	91	7.5	5,725	6,154	6,628	145
Escambia.....	2,054	2,223	2,394	7.7	8,480	8,958	9,492	30	Coweta.....	360	383	420	9.7	8,909	9,298	9,991	21
Flagler.....	99	112	125	11.0	8,008	8,547	8,974	35	Crawford.....	52	57	60	6.0	7,144	7,923	8,446	65
Franklin.....	43	46	50	7.9	5,578	5,889	5,999	64	Crisp.....	138	148	156	5.4	6,957	7,392	7,779	101
Gadsden.....	233	252	272	7.9	5,488	5,881	6,329	62	Dade.....	76	78	82	5.4	6,341	6,573	7,015	132
Gilchrist.....	44	48	51	6.4	7,053	7,333	7,688	45	Dawson.....	39	44	49	12.8	7,918	8,447	8,885	44
Glades.....	31	34	35	4.3	5,104	5,412	5,584	66	Decatur.....	194	202	219	8.5	7,434	7,649	8,317	70
Gulf.....	77	83	90	9.4	7,165	7,523	7,997	41	De Kalb.....	5,684	6,256	6,378	9.9	11,619	12,698	13,750	2
Hamilton.....	65	68	70	3.0	7,408	7,538	7,392	50	Dodge.....	113	121	130	7.0	6,598	7,100	7,614	110
Hardee.....	151	154	159	3.7	7,491	7,576	7,900	44	Doyle.....	77	91	93	1.7	7,088	8,710	8,795	50
Hendry.....	172	186	199	7.4	8,698	9,073	9,481	31	Dougherty.....	840	897	961	7.2	8,207	8,721	9,355	29
Hernando.....	408	463	528	14.0	8,013	8,287	8,891	39	Douglas.....	495	541	603	11.4	8,777	9,233	9,943	22
Highlands.....	431	477	514	7.7	8,531	9,036	9,661	27	Early.....	91	99	103	4.2	6,868	7,410	7,756	104
Hillsborough.....	6,173	6,742	7,457	10.6	9,219	9,819	10,510	19	Echols.....	13	14	15	7.1	5,722	6,071	6,521	148
Holmes.....	82	87	92	4.6	5,386	5,589	5,811	65	Effingham.....	142	159	172	8.1	7,576	8,191	8,524	62
Indian River.....	763	812	867	6.8	11,891	11,909	12,285	7	Elbert.....	147	159	172	7.9	7,783	8,367	9,031	40
Jackson.....	273	302	302	5.3	6,838	7,181	7,627	47	Emanuel.....	130	142	150	5.3	6,126	6,680	7,002	134
Jefferson.....	70	75	78	3.9	6,346	6,631	7,071	54	Evans.....	57	66	68	3.9	6,693	7,599	7,867	99
Lafayette.....	30	31	31	-2	7,454	7,497	7,117	53	Fannin.....	94	101	111	10.0	6,275	6,730	7,331	122
Lake.....	1,078	1,161	1,239	6.7	9,816	10,227	10,595	13	Fayette.....	382	425	491	15.5	12,109	12,587	13,455	3
Lee.....	2,378	2,575	2,801	8.8	10,887	11,148	11,612	11	Floyd.....	712	754	812	7.6	8,926	9,477	10,258	16
Leon.....	1,358	1,478	1,609	8.9	8,303	8,927	10,065	22	Forsyth.....	274	300	333	10.9	9,408	9,942	10,645	11
Levy.....	131	147	154	4.9	6,235	6,315	6,744	59	Franklin.....	114	126	139	10.4	7,355	8,127	8,860	45
Liberty.....	26	28	31	11.6	6,274	6,525	6,850	53	Fulton.....	6,787	7,230	7,899	9.2	11,327	12,013	13,012	4
Madison.....	105	110	114	3.9	6,914	7,228	7,363	51	Gilmer.....	84	90	97	7.6	7,441	7,837	8,396	68
Manatee.....	1,674	1,822	1,975	8.4	10,747	11,292	11,894	9	Glascok.....	19	21	22	4.5	7,779	8,750	9,325	30
Marion.....	1,067	1,189	1,299	9.3	8,107	8,565	8,764	36	Glynn.....	536	568	610	7.4	9,637	10,125	10,719	8
Martin.....	835	915	983	7.4	12,173	12,558	12,919	6	Gordon.....	242	259	289	11.6	7,937	8,434	9,302	31
Monroe.....	601	653	698	6.8	9,150	9,752	10,148	21	Grady.....	140	151	159	5.7	6,969	7,509	7,873	98
Nassau.....	304	323	351	7.2	8,930	9,186	9,743	26	Greene.....	73	78	86	10.4	6,240	6,755	7,321	123
Ocala.....	989	1,090	1,190	9.1	8,642	9,179	9,889	23	Gwinnett.....	2,051	2,301	2,669	16.0	11,424	11,964	12,799	5
Okechobee.....	147	157	165	5.1	6,690	6,927	6,897	56	Habersham.....	180	198	209	5.7	6,063	7,588	7,946	94
Orange.....	4,916	5,421	6,000	10.7	10,992	10,807	11,520	12	Hall.....	714	773	843	9.1	9,239	9,882	10,613	12
Osceola.....	481	543	606	11.8	8,653	9,095	9,524	29	Hancock.....	52	56	61	8.4	5,529	5,959	6,487	150
Palm Beach.....	8,483	9,146	9,973	9.0	13,686	14,156	15,142	1	Haralson.....	151	163	177	8.3	7,977	8,614	9,290	33
Pasco.....	1,735	1,908	2,071	8.5	8,378	8,805	9,222	33	Harris.....	108	117	128	9.5	7,098	7,546	8,112	83
Pinellas.....	8,560	9,330	10,050	7.7	11,470	12,300	13,008	5	Hart.....	138	147	160	9.3	7,316	7,735	8,419	66
Polk.....	3,049	3,186	3,374	5.9	9,138	9,341	9,756	25	Heard.....	48	52	58	10.3	7,405	7,927	8,576	60
Putnam.....	390	442	463	4.8	7,555	8,233	8,093	40	Henry.....	349	377	422	11.9	9,350	9,863	10,569	14
St. Johns.....	532	587	641	9.1	9,741	10,248	10,823	17	Houston.....	725	806	871	8.1	9,003	9,357	10,607	13
St. Lucie.....	835	908	969	6.8	8,750	8,923	9,321	32	Irwin.....	61	69	71	2.5	6,874	7,665	7,760	103
Santa Rosa.....	490	543	585	7.8	8,385	9,076	9,612	28	Jackson.....	191	208	228	9.6	7,375	7,892	8,503	63
Sarasota.....	2,857	3,059	3,314	8.3	13,485	13,955	14,612	10	Jasper.....	59	65	70	8.6	7,803	8,676	9,292	32
Seminole.....	1,920	2,192	2,453	11.9	10,051	10,931	11,747	10	Jeff Davis.....	92	96	102	6.6	7,873	8,127	8,674	56
Sumter.....	172	189	208	9.8	6,783	7,286	7,622	48	Jefferson.....	119	133	141	6.3	6,510	7,175	7,606	111
Suwannee.....	153	171	176	3.2	6,614	7,148	7,330	52	Jenkins.....	50	56	56	5.0	5,691	6,119	6,433	152
Taylor.....	129	142	148	4.3	7,556	8,124	8,511	37	Johnson.....	54	58	63	7.6	6,199	6,741	7,252	126
Union.....	49	55	55	-5	4,681	4,989	4,995	67	Jones.....	132	146	159	8.9	7,677	8,382	8,939	43
Volusia.....	2,549	2,778	3,015	8.6	9,396	9,875	10,413	20	Lamar.....	85	92	100	8.4	6,065	7,636	8,209	73
Wakulla.....	76	83	90	8.4	6,890	7,222	7,680	46	Lanier.....	34	37	39	6.1	6,062	6,457	6,876	138
Walton.....	129	141	152	8.3	8,869	9,129	9,432	60	Laurens.....	282	311	335	7.6	7,513	8,228	8,806	47
Washington.....	96	105	111	6.3	6,467	6,907	7,029	55	Lee.....	92	101	109	8.7	7,459	7,958	8,246	74
Georgia.....	49,983	54,521	59,551	9.2	8,968	9,654	10,389	.....	Liberty.....	270	308	323	4.9	6,689	7,494	7,932	95
Metropolitan portion.....	34,654	37,890	41,655	9.9	9,941	10,693	11,527	.....	Lincoln.....	44	49	52	6.7	6,572	7,220	7,706	107
Nonmetropolitan portion.....	15,329	16,630	17,897	7.6	7,343	7,904	8,448	.....	Long.....	31	33	35	6.7	6,437	6,671	6,986	135
Appling.....	115	128	134	4.4	7,450	8,102	8,307	72	Lowndes.....	516	562	613	9.0	7,536	8,149	8,728	53
Atkinson.....	39	43	46	6.6	6,320	6,981	7,458	116	Lumpkin.....	73	80	87	9.5	6,633	7,085	7,717	106
Bacon.....	59	63	66	4.6	6,181	6,585	6,835	140	Mudpie.....	135	149	160	7.4	7,210	7,887	8,315	71
Baker.....	23	26	27	2.6	6,171	6,578	6,830	141	McIntosh.....	45	49	51	4.2	5,560	5,990	6,200	157
Baldwin.....	270	291	321	10.2	7,646	7,925	8,649	58	Macon.....	82	88	93	6.3	5,810	6,137	6,499	149
Banks.....	60	65	75	15.0	6,667	7,076	8,010	90	Madison.....	129	141	155	9.7	7,111	7,659	8,267	73
Barrow.....	172	191	211	10.1	7,856	8,581	9,158	37	Marion.....	33	36	38	6.6	6,336	6,923	7,359	121
Bartow.....	328	347	382	10.0	7,918	8,212	8,827	46	Meriwether.....								

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
				1982-83				1983					1982-83				1983
Spalding.....	402	429	466	8.6	8,154	8,550	9,207	35	Adams.....	721	752	762	1.3	10,090	10,495	10,788	33
Stephens.....	161	171	189	10.6	7,307	7,788	8,479	64	Alexander.....	76	80	86	7.3	6,270	6,641	7,082	98
Stewart.....	34	37	40	8.1	5,751	6,210	6,614	146	Bond.....	150	150	158	5.7	9,205	9,251	9,941	59
Sumter.....	229	243	266	9.3	7,578	8,072	8,800	49	Boone.....	322	313	316	1.1	11,178	10,829	10,878	32
Talbot.....	38	41	43	6.6	5,597	5,982	6,416	153	Brown.....	49	46	48	4.1	9,069	8,636	8,753	85
Taliaferro.....	15	16	17	5.3	7,122	7,686	8,145	81	Bureau.....	433	433	392	-9.4	11,142	11,253	10,252	51
Tattnall.....	110	120	125	4.2	6,136	6,823	7,012	133	Calhoun.....	54	53	53	0.0	9,116	9,268	9,419	75
Taylor.....	55	58	62	6.3	6,829	7,301	7,824	100	Carroll.....	176	175	166	-5.5	9,349	9,492	9,971	82
Telfair.....	80	88	93	6.2	6,971	7,720	8,209	78	Cass.....	155	156	146	-6.4	10,384	10,558	9,921	60
Terrell.....	75	81	81	-3.3	6,234	6,728	6,752	142	Champaign.....	1,575	1,683	1,706	1.3	9,312	9,776	10,088	54
Thomas.....	305	334	359	7.5	7,941	8,609	9,199	36	Christian.....	377	392	388	-1.1	10,412	11,272	10,757	34
Tift.....	262	283	305	7.6	7,819	8,414	9,069	39	Clark.....	161	160	160	2.2	9,563	9,254	9,595	71
Toombs.....	148	164	175	6.5	6,503	7,148	7,563	112	Clay.....	133	143	153	7.5	8,660	9,155	9,891	63
Towns.....	33	37	41	9.9	5,514	6,055	6,452	151	Clinton.....	307	322	334	3.8	9,359	9,730	10,164	52
Treutlen.....	35	38	41	7.2	5,720	6,176	6,606	147	Coles.....	457	471	488	3.6	8,761	8,994	9,376	77
Troup.....	419	458	500	9.1	8,345	9,025	9,822	24	Cook.....	63,159	65,980	69,073	4.7	11,995	12,538	13,091	3
Turner.....	70	78	80	2.0	7,379	8,113	8,177	80	Crawford.....	222	222	226	1.8	10,611	10,556	10,880	31
Twiggs.....	56	61	65	6.5	5,898	6,427	6,875	139	Cumberland.....	85	81	79	-1.9	7,805	7,389	7,272	97
Union.....	50	54	59	8.8	5,200	5,519	5,945	158	De Kalb.....	717	719	731	1.7	9,575	9,618	9,862	65
Upson.....	193	206	223	8.3	7,261	7,644	8,236	76	De Witt.....	196	194	194	0.0	10,894	10,838	10,895	30
Walker.....	429	452	479	6.0	7,551	7,925	8,416	67	Douglas.....	201	203	191	-6.1	10,262	10,379	9,861	66
Walton.....	235	252	275	8.9	7,578	8,104	8,764	52	Du Page.....	10,080	10,635	11,268	5.9	15,036	15,569	16,338	1
Ware.....	295	322	348	8.2	7,882	8,578	9,398	28	Edgar.....	222	224	196	-12.4	10,194	10,355	9,112	79
Warren.....	40	45	47	4.9	6,018	6,622	6,977	136	Edwards.....	88	90	90	-2.0	10,514	11,234	11,302	19
Washington.....	135	145	156	7.6	7,091	7,600	8,143	82	Effingham.....	289	292	305	4.6	9,264	9,404	9,820	67
Wayne.....	162	174	174	5.5	7,624	8,040	8,044	87	Fayette.....	163	170	177	4.5	7,378	7,663	7,917	93
Webster.....	16	17	18	3.5	6,672	7,229	7,549	113	Ford.....	176	180	169	-6.4	11,576	11,888	11,195	23
Wheeler.....	31	32	34	4.5	6,058	6,301	6,711	144	Franklin.....	407	438	452	3.2	9,417	10,142	10,504	41
White.....	64	70	77	9.0	6,169	6,585	6,950	137	Fulton.....	440	420	404	-3.8	10,199	9,849	9,543	73
Whitfield.....	585	622	685	10.3	8,805	9,432	10,390	15	Gallatin.....	62	66	61	-7.6	8,097	8,616	7,981	92
Wilcox.....	48	53	55	3.3	6,357	6,949	7,220	128	Greene.....	137	141	138	-1.7	8,282	8,588	8,526	87
Wilkes.....	85	90	96	7.1	7,713	8,003	8,595	59	Grundy.....	388	393	396	7.7	12,693	12,872	12,942	5
Wilkinson.....	78	83	90	8.3	7,495	7,913	8,391	69	Hamilton.....	72	74	77	3.4	7,940	8,051	8,511	88
Worth.....	125	136	142	4.3	6,794	7,269	7,662	108	Hancock.....	234	228	225	-1.5	9,743	9,616	9,480	74
Hawaii.....	10,878	11,552	12,396	7.3	11,090	11,590	12,115	.....	Hardin.....	33	35	36	2.8	6,034	6,463	6,521	100
Metropolitan portion.....	8,940	9,453	10,143	7.3	11,596	12,104	12,697	.....	Henderson.....	87	81	71	-12.8	9,477	8,872	7,499	96
Nonmetropolitan portion.....	1,938	2,099	2,253	7.3	9,232	9,732	10,041	.....	Henry.....	637	615	610	-9.1	10,021	11,181	10,682	37
Hawaii.....	847	898	959	6.8	8,838	9,114	9,396	4	Iroquois.....	348	367	326	-11.3	10,573	11,167	9,992	56
Honolulu.....	8,940	9,453	10,143	7.3	11,596	12,104	12,697	1	Jackson.....	503	529	560	5.8	8,132	8,497	9,167	78
Kauai.....	370	396	424	6.9	9,168	9,610	9,867	3	Jasper.....	99	98	99	8.8	8,830	8,588	8,697	86
Maui and Kalawao.....	722	805	871	8.1	9,778	10,598	10,963	2	Jefferson.....	346	371	390	5.1	9,304	9,860	10,361	47
Idaho.....	8,623	8,801	9,429	7.1	8,944	9,008	9,534	.....	Jersey.....	191	190	198	4.5	9,272	9,295	9,682	69
Metropolitan portion.....	1,900	2,014	2,152	6.8	10,666	11,089	11,673	.....	Jo Daviess.....	238	229	220	-4.2	10,116	9,779	9,396	76
Nonmetropolitan portion.....	6,723	6,787	7,277	7.2	8,554	8,533	9,044	.....	Johnson.....	56	59	61	2.7	5,759	6,010	6,057	101
Ada.....	1,900	2,014	2,152	6.8	10,666	11,089	11,673	5	Kane.....	3,458	3,481	3,695	4.2	12,340	12,259	12,688	6
Adams.....	30	31	33	5.0	9,226	9,522	9,417	16	Kankakee.....	1,037	1,064	1,070	6.0	10,072	10,423	10,539	39
Bannock.....	592	617	650	5.3	8,856	9,110	9,619	12	Kendall.....	438	430	424	-1.4	11,768	11,627	11,561	14
Bear Lake.....	56	58	61	4.1	7,852	7,969	8,169	32	Knox.....	610	626	618	-1.2	10,023	10,456	10,426	43
Benewah.....	78	73	83	13.6	9,827	8,747	9,619	12	Lake.....	6,360	6,661	6,976	4.7	14,181	14,731	15,347	2
Bingham.....	286	284	307	8.0	7,716	7,574	7,952	34	La Salle.....	1,215	1,220	1,230	8.0	10,917	11,101	11,195	24
Blaine.....	122	127	136	6.9	11,656	10,899	11,777	4	Lawrence.....	178	193	203	5.6	10,033	10,567	11,238	27
Boise.....	24	24	26	6.6	7,941	8,157	8,397	28	Lee.....	394	392	388	-1.0	10,866	11,057	11,019	21
Bonner.....	188	190	211	11.1	7,577	7,578	7,879	35	Livingston.....	463	471	453	-3.8	11,262	11,526	11,108	25
Bonneville.....	624	650	692	6.5	9,260	9,637	10,086	8	Logan.....	332	342	347	1.5	10,496	11,010	11,208	22
Boundary.....	58	61	66	8.6	7,893	8,272	8,607	24	McDonough.....	314	314	292	-6.9	8,308	8,282	7,839	94
Butte.....	24	24	26	6.9	7,126	7,041	7,430	40	McHenry.....	1,844	1,916	2,000	4.4	12,340	12,729	13,062	4
Camas.....	10	10	11	6.8	13,203	13,269	13,043	2	McLean.....	1,297	1,369	1,385	1.1	10,818	11,339	11,441	16
Canyon.....	701	711	762	7.1	8,262	8,273	8,824	23	Macon.....	1,451	1,462	1,475	9.9	11,049	11,245	11,386	17
Caribou.....	77	76	80	6.4	8,757	8,511	8,985	21	Macoupin.....	492	494	507	2.6	9,993	10,079	10,393	46
Cassia.....	185	178	192	7.6	9,293	8,851	9,366	17	Madison.....	2,657	2,727	2,877	5.5	10,754	11,116	11,691	13
Clark.....	11	10	13	25.2	13,786	12,784	15,528	1	Marion.....	405	432	460	6.6	9,219	9,790	10,399	44
Clearwater.....	81	78	84	8.6	7,747	7,438	8,115	33	Marshall.....	159	151	140	-7.4	11,034	10,650	9,894	62
Custer.....	39	47	56	18.4	10,438	9,283	9,971	9	Mason.....	198	198	180	-9.1	10,377	10,505	9,560	72
Elmore.....	173	173	188	8.8	7,776	7,835	8,448	27	Massac.....	116	123	127	2.7	7,778	8,230	8,488	89
Franklin.....	65	68	73	6.4	7,006	7,253	7,439	39	Menard.....	126	127	114	-10.2				

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in State	Area title	Total personal income			Percent change ¹	Per capita personal income			Rank in State
	Millions of dollars				Dollars					Millions of dollars				Dollars			
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Warren	221	219	194	-11.1	10,102	10,182	9,102	80	Union	61	63	61	-2.4	9,011	9,215	9,085	64
Washington	160	160	157	-1.9	10,320	10,367	10,272	49	Vanderburgh	1,827	1,881	1,957	4.1	10,912	11,242	11,713	6
Wayne	161	179	185	3.3	8,905	9,705	9,986	57	Vermillion	156	160	161	.5	8,596	8,890	8,998	68
White	182	193	190	-1.6	10,166	10,574	10,593	38	Vigo	1,006	1,042	1,076	3.3	8,959	9,321	9,705	43
Whiteside	695	669	641	-4.1	10,562	10,298	9,904	61	Wabash	324	333	348	4.4	8,872	9,418	9,789	41
Will	3,628	3,710	3,869	4.3	11,065	11,340	11,733	12	Warren	82	84	79	-5.5	9,171	9,164	9,111	60
Williamson	479	517	549	6.2	8,424	9,047	9,658	70	Warrick	434	466	482	3.4	10,289	10,596	11,072	13
Winnebago	2,819	2,826	2,897	2.5	11,196	11,274	11,530	15	Washington	167	168	174	3.2	7,625	7,515	7,837	44
Woodford	399	384	348	-9.2	11,659	11,445	10,997	45	Wayne	691	691	723	4.6	9,163	9,215	9,694	34
Indiana	54,111	55,136	57,916	5.0	9,859	10,057	10,570	.....	Wells	253	253	256	1.4	9,982	10,056	10,190	28
Metropolitan portion	38,444	39,056	41,277	5.7	10,330	10,497	11,089	.....	White	239	243	243	-3.2	10,041	10,153	10,238	24
Nonmetropolitan portion	15,667	16,081	16,640	3.5	8,866	9,128	9,472	.....	Whitley	232	240	247	3.0	8,864	9,202	9,569	48
Adams	253	261	269	3.0	8,515	8,869	9,005	67	Iowa	30,645	30,914	31,071	.5	10,504	10,638	10,697	.....
Allen	3,100	3,114	3,275	5.2	10,569	10,712	11,293	8	Metropolitan portion	13,505	14,005	14,456	3.2	10,979	11,407	11,744	.....
Bartholomew	692	684	723	5.7	10,694	10,577	11,158	11	Nonmetropolitan portion	17,139	16,910	16,615	-1.7	10,159	10,076	9,927	.....
Benton	115	116	111	-4.8	11,449	11,496	11,196	10	Adair	83	79	75	-5.2	8,835	8,550	8,151	93
Blackford	125	128	136	6.5	8,147	8,355	9,098	63	Adams	54	53	51	-3.6	9,543	9,458	9,006	73
Boone	412	432	442	2.1	11,158	11,407	11,865	4	Allamakee	124	124	115	-7.1	8,227	8,314	7,628	89
Brown	89	94	97	3.5	7,161	7,602	8,162	82	Appanoose	127	127	130	2.3	8,258	8,339	8,505	87
Carroll	178	185	182	-1.7	9,021	9,379	9,291	56	Audubon	86	81	71	-11.9	10,082	9,679	8,529	86
Cass	401	397	407	2.4	9,834	9,857	10,096	31	Benton	249	238	231	-2.9	10,475	10,178	9,848	54
Clark	827	837	888	6.0	9,303	9,389	9,903	37	Black Hawk	1,519	1,528	1,527	.....	10,978	11,063	11,099	12
Clay	220	227	235	3.5	8,871	9,382	9,358	54	Boone	272	271	267	-1.5	10,386	10,414	10,331	36
Clinton	311	320	318	-7.7	9,911	10,042	10,207	27	Bremer	259	254	245	-3.3	10,396	10,200	9,851	52
Crawford	61	63	66	5.3	6,279	6,463	6,754	92	Buchanan	208	206	199	-3.2	9,057	8,942	8,583	85
Daviess	229	240	244	1.7	8,193	8,347	8,685	75	Buena Vista	238	220	223	1.2	11,459	10,558	10,333	20
Dearborn	312	329	355	7.8	8,908	9,403	9,826	46	Butler	172	165	154	-6.6	9,701	9,404	8,769	80
Decatur	217	223	226	1.7	9,134	9,282	9,586	46	Calhoun	161	147	135	-7.9	11,920	11,038	10,273	38
De Kalb	302	304	315	3.5	9,030	9,220	9,491	49	Carroll	249	254	249	-2.2	10,832	11,177	10,870	19
Delaware	1,142	1,131	1,201	6.2	8,939	9,001	9,573	47	Cass	180	177	176	-6.0	10,668	10,449	10,493	33
Dubois	332	350	376	7.4	9,638	10,239	10,794	18	Cedar	197	194	183	-5.9	10,574	10,500	9,795	55
Elkhart	1,365	1,443	1,634	13.3	9,979	10,527	11,773	5	Cerro Gordo	528	598	548	1.8	10,931	11,154	11,390	7
Fayette	251	257	273	6.1	8,877	9,244	9,688	45	Cherokee	166	158	151	-4.5	10,299	9,875	9,521	62
Floyd	602	620	657	5.9	9,782	9,946	10,542	20	Chickasaw	147	141	136	-3.6	9,531	9,278	8,869	77
Fountain	166	168	167	-5.5	8,792	8,823	8,893	71	Clarke	75	75	77	2.7	8,683	8,590	8,884	75
Franklin	146	150	152	1.6	7,428	7,842	7,634	87	Clay	214	205	204	-5.0	10,953	10,622	10,589	30
Fulton	164	164	171	4.3	8,682	8,488	9,111	60	Clayton	187	184	178	-3.4	8,928	8,809	8,480	89
Gibson	336	359	359	1.0	10,058	10,498	10,572	19	Clinton	596	598	585	-2.1	10,487	10,536	10,359	35
Grant	739	748	801	7.1	9,221	9,545	10,221	26	Crawford	191	188	185	-1.3	9,994	9,820	9,624	59
Greene	239	250	258	2.9	8,821	8,152	8,482	79	Dallas	325	326	330	1.3	11,001	11,082	11,178	9
Hamilton	1,020	1,056	1,121	6.2	12,229	12,502	13,115	1	Davis	69	69	72	4.5	7,464	7,467	7,788	95
Hancock	448	467	492	5.5	10,172	10,646	11,080	12	Decatur	71	71	71	4.7	7,287	7,426	7,671	98
Harrison	232	237	245	3.4	8,401	8,279	8,694	74	Delaware	162	161	148	-7.7	8,505	8,534	7,745	96
Hendricks	727	745	779	4.7	10,345	10,406	10,956	17	Des Moines	472	479	486	1.5	10,227	10,499	10,699	24
Henry	456	459	485	5.7	8,633	8,882	9,465	51	Dickinson	166	165	167	1.5	10,606	10,496	10,690	25
Howard	931	901	981	8.8	10,755	10,574	11,462	7	Dubuque	922	925	945	2.1	9,821	9,996	10,257	39
Huntington	332	334	348	4.1	9,400	9,776	10,082	32	Emmet	149	136	128	-6.2	11,201	10,303	10,027	49
Jackson	337	349	360	3.0	9,208	9,352	9,753	42	Fayette	233	224	212	-5.5	9,173	8,921	8,492	88
Jasper	236	255	250	-2.2	8,768	9,512	9,294	57	Floyd	192	188	182	-3.0	9,976	9,781	9,551	60
Jay	194	198	202	2.2	8,419	8,312	8,912	70	Franklin	141	130	117	-10.2	10,860	10,180	9,030	71
Jefferson	251	279	319	14.5	8,269	9,572	10,318	22	Fremont	107	99	98	-1.4	11,611	11,713	10,593	28
Jennings	155	162	167	2.9	6,817	7,140	7,372	90	Greene	143	134	127	-5.3	11,838	11,275	10,639	27
Johnson	833	833	879	5.6	10,613	10,467	11,005	14	Grundy	165	155	142	-8.6	11,707	11,019	10,210	42
Knox	379	403	416	3.3	8,995	9,476	10,051	33	Guthrie	115	112	108	-3.6	9,675	9,624	9,364	66
Kosciusko	548	573	609	6.3	9,199	9,581	10,167	29	Hamilton	209	200	196	-2.1	11,714	11,302	11,135	11
Lagrange	181	186	198	6.1	6,996	7,163	7,464	89	Hancock	153	142	132	-6.6	11,126	10,346	9,662	58
Lake	5,542	5,437	5,674	4.4	10,655	10,580	10,993	15	Hardin	245	241	226	-6.0	11,274	11,139	10,576	31
La Porte	1,070	1,084	1,113	2.6	9,828	9,999	10,308	23	Harrison	154	148	143	-3.5	9,489	9,188	8,894	74
Lawrence	361	365	387	6.1	8,533	8,804	9,149	59	Henry	180	185	188	1.5	9,586	9,713	10,083	46
Madison	1,291	1,258	1,347	7.1	9,391	9,305	9,998	34	Howard	103	96	88	-7.9	9,234	8,726	7,997	94
Marion	8,616	8,803	9,383	6.6	11,231	11,418	12,158	2	Humboldt	148	141	134	-4.9	12,146	11,708	11,256	8
Marshall	363	375	392	4.8	9,072	9,424	9,849	39	Ida	96	90	84	-6.9	10,933	10,305	9,521	62
Martin	82	87	92	6.0	7,494	7,951	8,272	81	Iowa	164	162	162	-2.0	10,629	10,597	10,646	26
Miami	338	342	358	4.7	8,684	9,056	9,393	53	Jackson	193	194	197	1.6	8,601	8,689	8,793	79
Monroe	767	804	863	7.2	7,715	7,958	8,645	77	Jasper	374	379	386	1.7	10,291	10,493	10,732	23
Montgomery	328	342	350	2.1	9,283	9,689	9,980	35	Jefferson	143	138	145	5.1	8,853	8,469	8,837	78
Morgan	474	494	520	5.2	9,097	9,394	9,898	38	Johnson	824	873	929	6.4	9,968	10,423	11,141	10
Newton	124	131	125	-4.4	8,645	8,652	9,074	65	Jones	181	179	178	-6.0	8,753	8,823	8,635	83
Noble	296	296	309	4.4	8,885	8,394	8,743	73	Keokuk	123	125	127	1.8	9,585	9,870	10,145	43
Ohio	42	43	45	5.2	8,257	8,348	8,663	76	Kossuth	239	219	201	-8.3	11,053	10,156	9,369	65
Orange	133	137	144	5.0	7,103	7,388	7,608	88	Lee	426	426	438	2.8	9,935	9,963	10,242	40
Owen	118	126	136	7.6	7,421	7,944	8,373	80	Linn	1,913	1,996	2,065	3.5	11,245	11,823	12,207	2
Par																	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income						
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State			
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983				
Pottawattamie	866	895	920	2.3	9,998	10,299	10,533	32	Osborne	61	70	71	1.4	10,596	12,237	12,378	31			
Poweshiek	205	205	207	.8	10,644	10,770	10,924	17	Ottawa	56	66	69	4.8	9,738	11,431	11,884	41			
Ringgold	53	51	50	-1.5	8,703	8,504	8,586	84	Pawnee	86	96	94	-2.5	10,808	12,006	11,438	49			
Sac	156	147	135	-8.5	11,120	10,674	9,923	51	Phillips	80	88	95	6.9	10,985	12,246	13,207	21			
Scott	1,787	1,872	1,884	.6	11,081	11,610	11,703	5	Pottawatomie	129	136	137	1.0	8,621	8,777	8,755	104			
Shelby	152	148	143	-3.1	10,152	10,006	9,707	57	Pratt	134	151	143	-4.8	12,982	14,106	13,020	25			
Sioux	296	289	277	-4.1	9,601	9,328	8,884	75	Rawlins	39	43	43	1.0	9,676	10,341	10,412	74			
Story	680	711	741	4.3	9,380	9,790	10,294	37	Reno	662	709	730	2.9	10,152	10,892	11,227	58			
Tama	195	197	191	-3.0	9,973	10,193	9,850	53	Republic	75	79	78	-1.1	10,175	11,029	10,749	70			
Taylor	70	69	69	.1	8,452	8,119	8,202	92	Rice	124	138	136	-1.5	10,687	11,949	11,659	43			
Union	133	141	141	.1	9,608	10,154	10,220	41	Riley	548	539	630	6.9	8,622	9,322	10,204	88			
Van Buren	67	68	71	3.5	7,824	8,001	8,261	90	Rooks	71	83	85	3.1	10,048	11,567	11,885	40			
Wapello	380	392	399	1.8	9,460	9,896	10,080	47	Rush	55	63	64	1.5	12,365	14,243	14,302	7			
Warren	358	370	387	4.7	10,130	10,524	10,876	18	Russell	115	136	137	.7	13,222	15,385	15,116	5			
Washington	224	227	222	-2.0	11,068	11,298	11,071	13	Russell	582	562	595	5.9	10,804	11,394	11,970	37			
Wayne	74	71	74	4.2	9,126	8,745	9,102	70	Scott	83	83	78	-5.7	15,377	14,850	13,180	22			
Webster	508	494	484	-1.9	11,009	10,937	10,954	15	Sedgwick	4,547	4,844	4,998	3.2	12,107	12,720	13,107	23			
Winnebago	138	136	137	1.0	10,862	10,713	10,737	22	Seward	243	256	247	-3.8	13,829	14,040	13,826	16			
Winneshiek	179	183	171	-6.9	8,149	8,338	7,691	97	Shawnee	1,762	1,897	2,016	6.3	11,126	12,034	12,781	26			
Woodbury	1,055	1,074	1,112	3.6	10,436	10,652	11,064	14	Sheridan	47	46	44	-4.8	13,634	13,542	12,579	28			
Worth	91	85	77	-9.1	10,078	9,488	8,650	82	Sherman	81	83	86	3.3	10,866	11,192	11,354	52			
Wright	203	196	187	-4.9	12,594	12,309	11,779	4	Smith	56	63	64	2.5	9,788	11,036	11,248	57			
Kansas	26,421	28,274	29,351	3.8	11,067	11,743	12,102	.....	Stafford	78	87	84	-3.2	13,830	15,142	14,543	6		
Metropolitan portion	13,915	14,862	15,677	5.5	11,847	12,513	13,076	.....	Stanton	27	28	29	2.9	11,685	12,161	11,538	47		
Nonmetropolitan portion	12,506	13,413	13,674	1.9	10,312	10,994	11,150	.....	Stevens	71	73	69	-5.8	15,210	15,754	13,937	15		
Allen	145	159	165	3.7	9,241	10,023	10,302	78	Sumner	263	284	295	3.8	10,452	11,225	11,604	45			
Anderson	90	97	96	-1.0	10,715	11,344	10,909	67	Thomas	92	96	101	5.1	10,960	11,223	11,349	53			
Atchison	154	161	165	2.4	8,829	8,733	9,014	101	Trego	44	50	52	4.5	10,423	11,928	12,416	30			
Barber	83	95	97	2.0	12,607	13,999	13,781	17	Wabaunsee	65	67	69	3.1	9,819	10,117	10,133	87			
Barton	396	428	431	.6	12,358	13,018	13,025	24	Wallace	22	21	23	8.2	10,823	10,699	11,047	61			
Bourbon	153	163	173	6.5	9,584	10,243	10,997	62	Washington	84	87	85	-2.1	10,432	10,888	10,321	76			
Brown	122	124	126	1.7	10,493	10,786	10,641	72	Wichita	82	76	66	-12.8	28,080	26,418	22,469	1			
Butler	542	559	569	1.7	11,805	11,848	11,969	38	Wilson	102	110	111	.8	8,718	9,278	9,294	99			
Chase	38	39	36	-6.6	11,894	12,357	11,301	55	Woodson	44	47	46	-2.0	9,590	10,312	10,011	90			
Chautauqua	42	45	44	-2.1	8,339	8,999	8,691	105	Wyandotte	1,535	1,611	1,699	5.5	8,877	9,297	9,819	93			
Cherokee	177	194	196	1.4	7,922	8,717	8,938	102	Kentucky	31,465	33,587	34,899	3.9	8,561	9,097	9,396	.....		
Cheyenne	35	37	33	3.8	9,772	10,063	10,319	77	Metropolitan portion	16,882	18,019	19,103	6.0	10,600	10,737	11,371	.....		
Clark	36	39	38	-3.5	14,126	14,500	13,963	12	Nonmetropolitan portion	14,583	15,568	15,796	1.5	7,962	7,730	7,765	.....		
Clay	88	94	98	4.6	9,355	9,993	10,197	84	Adair	90	98	98	-1.1	5,798	6,339	6,284	92			
Cloud	122	132	137	4.4	10,056	11,019	11,322	54	Allen	103	109	110	1.4	7,270	7,780	7,837	57			
Coffey	97	109	112	2.8	10,436	11,420	11,270	56	Anderson	110	119	124	4.2	8,631	9,208	9,498	22			
Comanche	33	37	36	-3.4	13,115	14,737	13,959	13	Ballard	80	83	81	-2.2	9,197	9,591	9,347	25			
Cowley	366	386	392	1.6	9,711	10,184	10,481	73	Barren	257	278	284	2.2	7,574	7,933	8,055	49			
Crawford	342	363	377	3.8	8,886	9,505	9,971	91	Bath	65	71	68	-4.4	6,441	7,091	6,658	86			
Decatur	59	63	62	-1.8	13,110	13,979	13,421	19	Bell	248	257	263	2.5	7,181	7,416	7,461	64			
Dickinson	181	198	202	2.2	9,025	9,874	10,249	80	Boone	458	492	527	7.1	9,609	10,147	10,703	9			
Doniphan	83	83	79	-3.7	8,971	9,079	8,763	103	Bourbon	244	246	268	9.0	12,591	12,752	13,824	2			
Douglas	587	610	649	6.4	8,490	8,797	9,298	98	Boyd	559	578	583	3.9	10,125	10,492	10,639	11			
Edwards	49	51	51	.1	11,977	12,483	12,049	35	Boyle	215	229	238	3.9	8,588	9,099	9,424	23			
Elk	34	35	36	2.3	8,806	9,390	9,723	95	Bracken	56	63	60	-4.9	7,276	8,155	7,755	60			
Ellis	260	293	305	4.2	9,647	10,571	10,949	65	Breathitt	106	114	115	.7	6,114	6,506	6,512	87			
Ellsworth	66	73	77	4.7	10,182	11,307	11,958	39	Breckinridge	113	115	112	-2.3	6,736	6,816	6,672	34			
Finney	301	335	345	2.8	12,003	12,694	12,266	33	Bullitt	328	340	364	7.0	7,502	7,651	8,088	48			
Ford	290	305	312	2.2	11,641	12,100	12,222	34	Butler	66	69	68	-1.8	5,949	6,315	6,079	101			
Franklin	220	236	242	2.7	9,979	10,718	10,954	64	Caldwell	114	119	117	-1.3	8,502	8,881	8,897	35			
Geary	268	291	310	6.7	8,578	9,528	10,378	75	Calloway	227	243	249	2.2	7,619	8,259	8,520	41			
Gove	46	48	46	-3.6	12,869	13,503	12,540	29	Campbell	736	786	833	5.9	8,877	9,501	10,129	15			
Graham	38	45	47	6.1	9,486	10,945	11,424	50	Carlisle	42	43	40	-5.8	7,583	7,892	7,456	65			
Grant	104	104	97	-5.9	15,358	15,311	14,046	10	Carroll	79	89	86	-3.3	8,408	9,543	9,199	27			
Gray	77	72	63	-13.6	14,739	14,082	11,550	46	Carter	154	162	161	-7.7	6,054	6,398	6,239	93			
Greeley	35	37	37	.7	19,150	20,975	19,749	2	Casey	78	83	82	-1.6	5,258	5,554	5,439	110			
Greenwood	92	99	98	-1.0	10,686	11,217	11,167	60	Christian	509	538	555	3.2	7,874	8,418	8,310	37			
Hamilton	30	35	36	3.4	12,344	14,321	14,262	8	Clark	261	284	294	3.8	9,175	9,970	10,278	14			
Harper	79	101	106	5.2	10,301	12,928	13,490	18	Clay	137	153	155	1.8	5,916	6,454	6,425	89			
Harvey	306	328	334	1.8	9,904	10,535	10,814	68	Clinton	44	47	48	2.4	4,609	4,913	4,977	115			
Haskell	61	49	4																	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—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			Percent change ¹	Dollars					Rank in State	Millions of dollars			Percent change ¹	Dollars			Rank in State	
	1981	1982	1983		1981	1982	1983				1981	1982	1983		1981	1982			1983
Johnson	172	195	188	-3.2	6,995	7,772	7,378	70	Lafourche	833	898	873	-2.2	9,632	10,230	9,943	18		
Kenton	1,266	1,358	1,451	6.8	9,211	9,861	10,495	12	La Salle	109	117	122	4.6	6,240	6,715	7,088	51		
Knott	110	117	119	1.7	6,049	6,218	6,126	100	Lincoln	316	343	371	8.2	7,767	8,313	8,971	25		
Knox	166	174	183	4.9	5,394	5,638	5,817	103	Livingston	503	543	584	7.7	8,148	8,387	8,635	29		
Larue	88	91	93	2.8	7,433	7,718	7,854	54	Madison	81	85	90	5.1	5,146	5,387	5,668	64		
Laurel	260	282	297	5.3	6,540	6,997	7,239	73	Morehouse	247	256	276	7.4	7,021	7,276	7,828	41		
Lawrence	89	100	101	1.5	6,252	6,914	6,784	81	Natchitoches	256	285	301	5.9	6,364	7,063	7,498	44		
Lee	39	43	44	3.0	5,034	5,451	5,547	107	Orleans	5,779	6,160	6,334	2.8	10,292	10,886	11,271	7		
Leslie	79	82	87	5.7	5,192	5,294	5,498	108	Ouachita	1,152	1,235	1,325	7.3	8,177	8,739	9,300	22		
Letcher	198	203	213	5.2	6,382	6,423	6,694	83	Plaquemines	253	274	285	3.7	9,666	10,302	10,430	14		
Lewis	77	82	80	-1.6	5,268	5,544	5,362	111	Pointe Coupee	199	217	227	4.5	8,125	8,693	8,861	26		
Lincoln	114	122	120	-1.3	5,967	6,306	6,147	99	Rapides	1,039	1,108	1,179	6.5	7,608	8,077	8,609	30		
Livingston	78	80	81	.2	8,330	8,666	8,639	38	Red River	71	75	76	2.1	6,492	6,736	7,054	52		
Logan	191	214	197	-7.8	7,810	8,371	7,604	63	Richland	147	166	175	5.8	6,511	7,279	7,722	42		
Lyon	45	48	49	1.9	6,945	7,368	7,442	67	Sabine	132	144	158	9.7	5,128	5,423	5,933	63		
McCracken	612	651	682	4.8	10,020	10,722	11,264	6	St. Bernard	666	700	718	2.6	10,146	10,515	10,772	9		
McCreary	72	77	75	-2.7	4,548	4,723	4,537	119	St. Charles	451	473	502	6.2	11,731	11,877	11,982	4		
McLean	86	89	88	-.5	8,641	9,024	8,892	36	St. Helena	59	62	66	5.1	5,988	6,197	6,538	60		
Madison	375	402	424	5.5	6,972	7,480	7,843	36	St. James	214	230	238	3.3	9,773	10,510	10,663	11		
Magoffin	77	83	81	-2.4	5,526	5,875	5,634	105	St. John the Baptist	339	364	392	7.7	10,015	10,094	10,119	16		
Marion	103	111	112	.6	5,734	6,157	6,199	96	St. Landry	637	691	682	-1.4	7,443	7,876	7,650	43		
Marshall	212	223	234	5.0	8,211	8,605	8,970	33	St. Martin	339	366	364	-.6	8,168	8,445	8,116	37		
Martin	108	117	115	-2.1	7,599	8,106	7,802	58	St. Mary	703	738	716	-3.0	10,722	11,055	10,658	12		
Mason	146	159	161	1.6	8,310	9,013	9,260	26	St. Tammany	1,294	1,444	1,550	7.3	11,071	11,726	11,744	5		
Meade	149	156	163	4.6	6,349	6,942	7,299	71	Tangipahoa	578	625	658	5.4	7,007	7,328	7,479	45		
Menifee	24	25	25	-.1	4,603	4,800	4,710	118	Tensas	54	62	62	-.7	6,425	7,468	7,242	49		
Mercer	156	160	162	1.1	8,178	8,378	8,504	42	Terrebonne	999	1,061	1,049	-1.1	10,288	10,548	10,230	15		
Metcalfe	53	59	56	-4.9	5,513	6,009	5,688	104	Union	156	165	177	7.3	7,309	7,648	8,013	39		
Monroe	73	75	76	1.0	5,924	6,152	6,227	94	Vermilion	458	505	515	2.0	9,234	9,846	9,817	19		
Montgomery	150	160	163	1.6	7,370	7,860	7,972	51	Vernon	345	396	431	8.7	6,037	6,745	7,360	47		
Morgan	61	68	67	-1.8	5,053	5,615	5,449	109	Washington	333	348	365	4.9	7,420	7,878	8,035	38		
Muhlenberg	285	313	319	2.0	8,823	9,669	9,897	18	Webster	369	400	415	3.9	8,402	8,936	9,289	23		
Nelson	220	234	245	4.6	7,837	8,255	8,543	40	West Baton Rouge	168	181	193	6.9	8,606	9,112	9,331	21		
Nicholas	47	54	52	-4.4	6,569	7,522	7,191	74	West Carroll	69	76	81	6.5	5,238	5,338	5,105	62		
Ohio	163	173	170	-1.3	7,551	8,050	7,332	52	West Feliciana	76	80	85	6.4	6,010	6,125	6,252	61		
Oldham	281	297	320	7.7	9,955	10,349	10,905	7	Winn	110	116	123	5.7	6,306	6,561	7,099	50		
Owen	59	64	62	-3.6	6,464	7,008	6,669	85	Maine	9,781	10,543	11,298	7.2	8,637	9,278	9,861	.....	
Owsley	25	26	25	-2.2	4,197	4,337	4,121	120	Metropolitan portion	4,227	4,579	4,931	7.7	9,306	10,052	10,748	.....	
Pendleton	78	86	86	-.6	7,166	7,871	7,756	59	Nonmetropolitan portion	5,555	5,964	6,367	6.8	8,189	8,760	9,268	.....	
Perry	243	252	258	2.5	7,159	7,279	7,382	69	Androscoggin	845	903	968	7.2	8,470	9,056	9,736	.....	
Pike	633	685	664	-3.0	7,723	8,225	7,850	55	Aroostook	684	695	739	6.3	7,547	7,723	8,243	14		
Powell	65	69	72	5.5	5,753	6,034	6,221	95	Cumberland	2,230	2,422	2,639	7.6	10,281	11,241	11,888	1		
Pulaski	324	346	359	3.9	7,038	7,485	7,654	62	Franklin	210	229	244	6.6	7,599	8,114	8,773	11		
Robertson	14	16	15	-10.6	6,027	7,190	6,360	91	Hancock	358	391	418	6.8	8,520	9,235	9,738	6		
Rockcastle	69	73	73	-.1	4,865	5,185	5,145	113	Kennebec	981	1,066	1,138	6.8	8,882	9,617	10,247	4		
Rockwell	117	122	129	5.7	6,162	6,623	7,015	77	Knox	285	304	323	6.2	8,524	9,062	9,577	9		
Russell	79	88	90	2.4	5,659	5,972	6,013	102	Lincoln	235	260	279	7.4	9,030	9,879	10,303	3		
Scott	193	209	216	3.2	8,847	9,728	9,944	16	Oxford	395	420	446	6.2	8,008	8,580	9,011	10		
Shelby	216	228	233	2.1	9,179	9,658	9,809	19	Penobscot	1,152	1,224	1,323	8.1	8,376	8,890	9,638	8		
Simpson	128	129	133	2.7	8,732	8,982	9,131	28	Piscataquis	137	143	152	6.1	7,794	8,034	8,441	13		
Spencer	44	45	44	-2.3	7,569	7,713	7,447	66	Sagadahoc	266	297	323	8.9	9,122	10,108	10,613	2		
Taylor	157	170	174	2.6	7,423	7,937	8,127	46	Somerset	345	373	394	5.6	7,585	8,222	8,513	12		
Todd	78	79	69	-12.8	6,638	6,890	6,184	97	Waldo	192	196	209	6.8	6,735	6,853	7,170	16		
Trigg	79	82	83	1.4	8,362	8,616	8,904	34	Washington	238	252	271	7.6	6,818	7,328	7,859	15		
Trimble	44	49	51	3.3	7,026	7,875	8,026	50	York	1,228	1,339	1,432	6.9	8,582	9,222	9,743	5		
Union	175	184	172	-6.6	9,733	10,297	9,564	21	Maryland	49,043	52,359	56,159	7.3	11,519	12,261	13,047	.....	
Warren	621	659	694	5.4	8,301	8,907	8,090	47	Metropolitan portion	46,403	49,540	53,193	7.4	11,725	12,477	13,290	.....	
Washington	70	77	75	-2.7	6,620	7,267	7,097	75	Nonmetropolitan portion	2,640	2,819	2,966	5.2	8,795	9,393	9,823	.....	
Wayne	88	96	98	2.0	5,094	5,548	5,608	106	Allegany	664	694	711	2.5	8,266	8,740	9,102	21		
Webster	140	151	143	-5.2	9,417	10,283	9,783	20	Anne Arundel	4,227	4,565	4,862	6.5	11,229	11,962	12,696	6		
Whitley	241	257	280	9.0	7,183	7,529	7,872	53	Baltimore	8,272	8,771	9,319	6.2	12,557	13,300	14,099	3		
Wolfe	32	36	36	-.9	4,656	5,209	5,022	114	Calvert	369	409	449	9.7	9,976	11,246	11,813	9		
Woodford	209	243	260	7.1	11,697	13,517	14,317	1	Caroline	192	202	210	3.9	8,242	8,644	8,932	22		
Louisiana	41,071	44,038	45,540	3.4	9,552	10,048	10,262	.....	Carroll	1,057	1,136	1,231	8.3	10,537	11,264	11,832	8	
Metropolitan portion	30,824	33,028	34,212	3.6	10,412	10,937	11,172	.....	Cecil	564	598	641	7.2	9,211	9,485	10,027	17	
Nonmetropolitan portion	10,247	11,010	11,328	2.9	7,651	8,078	8,235	.....	Charles	763	826	896	8.5	9,878	10,628	11,318	11	
Acadia	464	511	509	-.4	8,072	8,706	8,551	32	Dorchester	261	274	283	3.3	8,593	9,029	9,433	20		
Allen	146	145	151	4.5	6,853	6,690	6,950	55	Frederick	1,217	1,286	1,391	8.1	10,101	10,728	11,563	10		
Ascension	486	521	565	8.4	9,377	9,823	10,041	17	Garrett	186	193	196	1.9	6,779	7,167	7,287	24		
Assumption	184	192	197	3.0	8,079	8,227	8,327	35	Harford	1,590	1,694	1,812	7.0	10,545	11,380	12,029	7		
Avoyelles	241	260	279	7.6	5,768	6,099	6,544	58	Howard	1,726	1,877	2,037	8.5	13,808	14,803	15,622	2		
Beauregard	228	242	251	3.6	7,499	7,786	7,910	40	Kent	156	159	168	5.6	6,189	6,595	10,120	14		
Bienville	124	135	141	4.2	7,531	8,236	8,376	3											

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Middlesex.....	17,675	19,471	21,182	8.8	12,921	14,269	15,503	2	Minnesota.....	44,040	46,605	49,321	5.8	10,710	11,277	11,901	.....
Nantucket.....	66	74	82	10.8	12,797	14,047	15,353	3	Metropolitan portion.....	31,108	33,252	35,448	6.6	11,720	12,440	13,184	.....
Norfolk.....	8,210	9,000	9,786	8.7	13,541	14,918	16,198	1	Nonmetropolitan portion.....	12,933	13,353	13,873	3.9	8,871	9,148	9,530	.....
Plymouth.....	4,111	4,463	4,896	9.7	10,017	10,804	11,721	9	Aitkin.....	92	99	105	6.1	6,811	7,403	7,594	80
Suffolk.....	6,731	7,210	7,799	8.2	10,341	11,139	12,114	6	Anoka.....	2,043	2,198	2,389	8.7	10,159	10,790	11,432	11
Worcester.....	6,465	6,919	7,376	6.6	9,978	10,672	11,334	11	Becker.....	205	212	225	6.1	6,887	7,099	7,559	81
Michigan.....	96,251	97,975	104,071	6.2	10,451	10,748	11,476	.....	Beltrami.....	201	219	236	7.8	6,327	6,694	7,169	83
Metropolitan portion.....	81,674	82,891	88,085	6.3	11,000	11,301	12,079	.....	Benton.....	208	215	226	5.2	8,112	8,278	8,722	66
Nonmetropolitan portion.....	14,577	15,084	15,986	6.0	8,166	8,469	9,000	.....	Big Stone.....	64	63	65	4.3	8,261	8,005	8,547	70
Alcona.....	70	73	78	6.5	7,113	7,495	7,698	73	Blue Earth.....	514	542	565	4.4	9,792	10,326	10,945	16
Alger.....	65	68	71	5.8	7,012	7,419	7,907	70	Brown.....	281	293	300	2.3	9,781	10,223	10,463	23
Allegan.....	698	721	766	6.2	8,514	8,713	9,292	37	Carlton.....	244	256	259	9	8,112	8,510	8,624	68
Alpena.....	265	265	282	6.3	8,202	8,307	8,947	50	Carver.....	405	420	447	6.4	10,729	10,983	11,570	9
Antrim.....	181	135	139	3.0	8,060	8,186	8,447	55	Cass.....	149	159	170	7.3	7,021	7,452	7,783	78
Arenac.....	109	113	120	6.3	7,387	7,510	7,915	69	Chippewa.....	131	132	140	5.7	8,823	8,963	9,531	47
Baraga.....	62	62	65	4.4	7,296	7,395	7,719	71	Chicago.....	237	255	273	7.1	9,055	9,538	10,040	31
Barry.....	393	404	431	6.7	8,566	8,781	9,404	35	Clay.....	431	452	475	5.1	8,727	9,205	9,753	37
Bay.....	1,146	1,158	1,222	5.5	9,609	9,811	10,434	20	Clearwater.....	53	56	57	3.0	5,968	6,306	6,524	87
Benzie.....	86	91	97	7.6	7,608	8,204	8,623	52	Cook.....	36	37	39	5.2	8,752	9,014	9,242	52
Berrien.....	1,564	1,603	1,691	5.4	9,250	9,699	10,314	24	Cottonwood.....	153	154	155	6	10,397	10,578	10,748	20
Branch.....	353	357	383	7.2	8,945	9,125	9,916	29	Crow Wing.....	332	366	391	7.0	7,896	8,659	9,126	57
Calhoun.....	1,433	1,474	1,527	3.6	10,217	10,558	11,082	12	Dakota.....	2,380	2,562	2,768	8.0	11,884	12,542	13,239	4
Cass.....	419	443	483	9.1	8,428	9,128	9,928	28	Dodge.....	141	146	149	2.0	5,912	6,134	6,474	38
Charlevoix.....	166	172	181	4.8	8,305	8,763	9,163	41	Douglas.....	220	233	247	5.7	7,813	8,237	8,632	67
Cheboygan.....	155	160	169	5.4	7,425	7,690	8,075	64	Faribault.....	200	203	207	1.8	10,246	10,449	10,897	18
Chippewa.....	204	212	221	4.0	6,980	7,289	7,719	71	Fillmore.....	202	204	207	1.2	9,318	9,322	9,579	45
Clare.....	165	174	185	6.7	6,865	7,180	7,618	75	Freeborn.....	379	394	396	7	10,529	10,983	11,184	14
Clinton.....	529	544	592	8.9	9,537	9,843	10,696	17	Goodhue.....	386	407	432	6.2	9,953	10,355	11,136	15
Crawford.....	66	69	74	6.2	6,932	7,210	7,250	77	Grant.....	67	65	68	5.8	9,487	9,086	9,662	41
Delta.....	317	339	351	3.5	8,091	8,581	8,983	47	Hennepin.....	12,898	13,866	14,820	6.9	13,572	14,502	15,452	1
Dickinson.....	238	254	267	5.2	9,390	10,036	10,790	14	Houston.....	163	169	177	4.9	8,796	9,028	9,407	50
Eaton.....	915	935	1,005	7.5	10,379	10,609	11,510	9	Hubbard.....	91	97	103	5.6	6,484	6,800	7,001	84
Emmet.....	206	217	234	7.7	8,903	9,348	10,191	25	Isanti.....	195	201	212	5.7	8,194	8,402	8,818	65
Genesee.....	4,911	4,796	5,202	8.5	10,990	10,898	11,876	6	Itasca.....	341	348	365	4.9	7,879	8,030	8,388	71
Gladwin.....	142	148	159	7.4	6,973	7,264	7,634	74	Jackson.....	140	138	135	-2.0	10,286	10,144	10,050	30
Gogebic.....	146	156	162	3.9	7,490	8,010	8,490	54	Kanabec.....	95	98	104	6.1	7,705	7,833	8,294	73
Grand Traverse.....	542	571	610	6.8	9,686	10,145	10,785	15	Kandiyohi.....	324	344	361	4.9	8,721	9,101	9,587	44
Graiot.....	349	365	381	4.4	8,694	9,247	9,749	32	Kittson.....	64	64	66	2.7	9,502	9,510	9,847	36
Hillsdale.....	351	361	384	6.4	8,397	8,709	9,284	38	Koochiching.....	137	142	154	8.4	7,883	8,263	9,149	56
Houghton.....	266	275	294	7.1	7,005	7,254	7,946	67	Lac qui Parle.....	98	95	98	3.3	9,265	9,134	9,424	49
Huron.....	320	337	355	5.4	8,778	9,284	9,852	31	Lake.....	97	91	82	-9.6	7,654	7,106	6,563	86
Ingham.....	2,845	2,936	3,172	8.0	10,326	10,808	11,830	7	Lake of the Woods.....	29	30	32	7.3	7,682	8,093	8,557	69
Ionia.....	438	437	465	6.3	8,356	8,424	8,980	48	Le Sueur.....	223	228	237	3.7	9,516	9,736	10,158	29
Iosco.....	215	231	250	8.3	7,594	7,981	8,562	53	Lincoln.....	63	61	61	1	7,827	7,495	7,701	79
Iron.....	114	119	128	7.4	8,348	8,736	9,396	36	Lyon.....	242	246	260	5.4	9,582	9,656	10,336	25
Isabella.....	398	415	440	6.0	7,435	7,767	8,232	61	McLeod.....	314	331	346	4.6	10,478	10,937	11,433	10
Jackson.....	1,437	1,514	1,514	3.8	9,610	9,822	10,329	23	Mahnomen.....	41	41	45	8.3	7,749	7,414	8,200	74
Kalamazoo.....	2,292	2,370	2,529	6.7	10,764	11,073	11,966	5	Marshall.....	128	121	120	-1.4	9,349	9,541	9,437	48
Kalkaska.....	84	88	92	5.3	7,659	7,879	8,252	59	Martin.....	292	297	305	2.4	11,780	11,903	12,233	3
Kent.....	4,597	4,813	5,174	7.5	10,252	10,656	11,463	10	Meeker.....	179	183	189	3.0	8,676	8,856	9,209	54
Keweenaw.....	14	15	16	7.1	7,344	7,274	8,033	65	Mille Lacs.....	156	163	173	6.5	8,393	8,703	9,198	55
Lake.....	47	51	54	6.5	5,901	6,229	6,476	83	Morrison.....	199	210	222	5.7	6,774	7,093	7,388	82
Lapeer.....	656	654	685	4.8	9,370	9,374	9,875	30	Mower.....	414	432	448	3.7	10,306	10,940	11,277	13
Leelanau.....	131	138	148	7.8	9,235	9,601	10,396	22	Murray.....	115	115	113	-1.1	10,004	10,131	9,964	34
Lenawee.....	847	867	919	6.0	9,454	9,772	10,423	21	Nicollet.....	247	242	272	4.4	9,108	9,446	9,902	35
Livingston.....	1,070	1,155	1,155	5.5	10,626	10,893	11,572	8	Nobles.....	228	234	235	4	10,425	10,795	10,905	17
Luce.....	53	55	57	4.2	8,200	8,391	9,613	34	Norman.....	95	94	95	1.6	10,258	10,202	10,599	21
Mackinac.....	82	86	92	6.6	8,045	8,470	9,045	43	Olmsted.....	1,104	1,220	1,303	6.8	11,862	13,006	13,943	2
Macomb.....	8,027	8,179	8,713	6.5	11,595	11,885	12,667	3	Otter Tail.....	417	435	461	6.0	8,023	8,365	8,841	64
Manistee.....	187	188	202	7.6	8,189	8,386	9,042	44	Pennington.....	129	131	135	2.9	8,586	8,984	9,570	46
Marquette.....	619	622	647	3.9	8,414	8,528	9,003	46	Pine.....	144	154	164	6.6	7,110	7,498	7,853	77
Mason.....	202	205	216	5.2	7,652	7,738	8,308	58	Pipestone.....	97	98	100	2.2	8,427	8,522	8,972	61
Mecosta.....	218	226	243	7.3	5,864	6,125	6,533	82	Polk.....	325	322	340	5.5	9,409	9,362	9,981	33
Menominee.....	208	218	230	5.6	7,941	8,427	8,907	51	Pope.....	93	91	96	5.0	8,066	7,880	8,322	72
Midland.....	820	850	910	7.1	11,107	11,498	12,245	4	Ramsey.....	5,565	5,962	6,364	6.7	11,996	12,810	13,635</	

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Adams	323	357	365	2.2	8,315	9,015	9,408	7	Bollinger	54	55	55	1.6	5,122	5,273	5,299	114
Alcorn	245	258	280	8.6	7,412	7,881	8,556	14	Boone	901	972	1,069	10.0	8,776	9,362	10,292	12
Amite	83	89	92	3.6	6,349	6,726	6,826	54	Buchanan	809	876	912	4.1	9,292	10,108	10,554	8
Attala	111	118	126	6.5	5,617	6,078	6,395	64	Butler	258	275	300	9.1	6,803	7,325	7,811	75
Benton	44	48	50	4.0	5,474	5,981	6,186	70	Caldwell	75	74	74	-1	8,860	8,787	9,008	37
Bolivar	264	279	302	8.3	5,804	6,158	6,452	63	Callaway	293	325	342	5.3	9,045	10,014	10,466	10
Calhoun	87	97	102	5.2	5,609	6,239	6,526	60	Camden	158	171	188	10.0	7,652	8,111	8,359	59
Carroll	51	55	56	2.6	5,290	5,859	5,761	74	Cape Girardeau	544	572	604	5.6	9,158	9,585	10,192	14
Chickasaw	116	124	138	11.6	6,529	6,957	7,565	27	Carroll	124	118	111	-6.0	10,340	9,966	9,408	29
Choctaw	53	53	57	7.1	6,026	6,253	6,379	65	Carters	26	28	30	8.4	4,649	4,892	5,309	113
Claiborne	76	81	82	1.2	6,138	6,430	6,476	62	Cass	491	524	554	5.7	9,406	9,924	10,400	11
Clarke	116	121	129	6.7	6,893	7,095	7,510	29	Cedar	77	79	84	6.6	6,432	6,493	6,847	98
Clay	146	155	166	6.9	6,803	7,146	7,619	26	Chariton	105	101	92	-9.0	10,012	9,634	8,951	38
Coahoma	235	251	264	5.2	6,423	6,945	7,100	42	Christian	175	185	199	7.8	7,733	8,100	8,426	54
Copiah	167	176	187	6.3	6,459	6,758	6,988	47	Clark	65	64	60	-5.5	7,662	7,537	7,267	89
Covington	103	108	116	7.9	6,443	6,764	7,070	43	Clay	1,507	1,610	1,721	6.9	11,024	11,734	12,331	3
De Soto	455	480	517	7.7	8,268	8,603	9,097	8	Clinton	146	152	156	2.1	9,005	9,444	9,742	19
Forrest	532	572	606	5.9	7,919	8,425	8,805	12	Cole	597	597	680	6.8	10,324	10,801	11,453	6
Franklin	49	53	57	8.1	5,972	6,431	6,660	56	Cooper	132	137	139	1.5	9,017	9,473	9,652	24
George	104	117	119	1.3	6,719	7,571	7,348	34	Crawford	132	143	152	6.3	7,048	7,727	8,173	66
Greene	49	51	54	5.7	5,190	5,490	5,421	79	Dade	58	59	61	4.8	7,881	7,910	8,460	53
Grenada	150	164	177	8.0	7,081	7,762	8,301	16	Dallas	80	83	87	5.8	6,668	6,829	7,117	92
Hancock	194	209	226	7.9	7,559	8,003	8,311	15	Daviess	67	64	62	-3.2	7,455	7,284	7,204	91
Harrison	1,274	1,388	1,458	5.0	7,811	8,368	8,818	11	De Kalb	62	61	60	-3	7,582	7,397	7,445	83
Hinds	2,501	2,667	2,851	6.9	9,902	10,546	11,218	1	Dent	95	100	106	5.1	6,382	6,793	7,214	90
Holmes	112	120	125	3.9	4,874	5,183	5,313	80	Douglas	65	67	71	6.0	5,455	5,583	5,895	110
Humphreys	64	81	87	7.3	4,609	5,791	6,113	72	Dunklin	240	251	257	2.0	6,631	6,953	7,076	93
Issaquena	12	13	11	-15.2	4,681	5,275	4,400	82	Franklin	638	679	726	6.9	8,883	9,373	9,794	18
Itawamba	130	137	150	9.7	6,225	6,694	7,223	38	Gasconade	106	111	118	5.8	7,952	8,362	8,923	39
Jackson	983	1,098	1,115	1.5	8,190	8,900	8,844	10	Gentry	67	66	63	-4.3	8,437	8,316	8,294	62
Jasper	114	121	125	4.0	6,583	6,940	7,055	44	Greene	1,725	1,862	2,001	7.4	9,271	9,936	10,550	9
Jefferson	59	61	64	5.3	6,551	6,778	6,860	53	Grundy	100	102	108	1.4	8,375	8,663	9,067	36
Jefferson Davis	77	83	88	6.3	5,546	5,923	6,166	71	Harrison	78	76	76	-2	7,783	7,565	7,712	78
Jones	519	546	562	2.8	8,294	8,498	8,887	9	Henry	186	188	200	6.2	9,514	9,654	10,219	13
Kemper	50	53	56	5.3	4,936	5,284	5,432	78	Hickory	40	41	44	7.0	6,337	6,337	6,533	105
Lafayette	190	203	217	6.9	6,011	6,370	6,862	52	Holt	64	61	55	-10.0	9,347	8,943	8,084	69
Lamar	179	194	193	-3	7,192	7,583	7,792	23	Howard	79	82	84	3.2	7,915	8,170	8,667	47
Lauderdale	635	689	747	8.5	8,101	8,881	9,667	5	Howell	192	202	219	8.3	6,652	6,978	7,399	85
Lawrence	74	79	83	5.7	5,783	6,163	6,478	61	Iron	82	89	95	6.3	7,363	8,010	8,411	57
Leake	119	127	137	8.4	6,350	6,780	7,189	40	Jackson	6,845	7,274	7,704	5.9	10,881	11,571	12,247	4
Lee	482	525	575	9.6	8,350	9,016	9,764	3	Jasper	757	802	859	7.1	8,614	9,056	9,671	22
Leflore	280	313	313	4.0	6,743	7,173	7,487	30	Jefferson	1,284	1,358	1,451	6.9	8,611	9,062	9,546	26
Lincoln	207	226	232	2.9	6,804	7,239	7,516	28	Johnson	293	317	330	4.2	7,554	8,222	8,604	49
Lowndes	463	492	507	3.1	7,786	8,181	8,712	13	Knox	45	43	41	-4.5	8,115	7,857	7,773	76
Madison	310	321	339	5.5	7,253	7,376	7,647	24	Laclede	180	193	209	8.4	7,334	7,795	8,251	64
Marion	168	180	191	6.2	6,374	6,671	7,158	41	Lafayette	286	297	296	-4	9,514	9,939	9,899	16
Marshall	166	169	183	8.1	5,507	5,582	5,837	73	Lawrence	205	219	233	6.5	7,097	7,604	8,076	70
Monroe	252	273	290	6.3	6,858	7,319	7,830	22	Lewis	83	81	82	1.3	7,485	7,137	7,557	82
Montgomery	74	79	84	6.0	5,682	6,073	6,272	67	Lincoln	201	214	224	4.7	9,015	9,452	9,641	25
Neshoba	155	163	175	7.8	6,435	6,756	7,227	36	Linn	134	136	139	2.0	8,625	8,719	9,134	34
Newton	143	152	162	6.6	7,358	7,694	8,013	17	Livingston	154	146	146	-1	9,816	9,326	9,509	27
Noxubee	69	73	72	-4	5,319	5,630	5,488	77	McDonald	90	97	102	4.7	5,952	6,491	6,784	101
Oktibbeha	239	252	269	6.7	6,469	6,765	7,428	32	Macon	127	133	135	1.8	7,546	7,957	8,381	58
Panola	161	178	191	7.0	5,651	6,186	6,543	59	Madison	66	69	73	5.5	6,021	6,418	6,835	99
Pearl River	241	261	264	1.1	6,934	7,345	7,226	37	Maries	48	50	53	6.5	6,296	6,509	6,834	100
Perry	68	77	93	21.2	7,174	7,975	9,691	4	Marion	245	256	264	3.1	8,493	8,837	9,091	35
Pike	239	253	270	6.5	6,515	6,925	7,247	35	Mercer	38	35	34	-3.6	7,856	7,209	7,285	88
Pontotoc	136	144	153	6.5	6,514	6,851	7,217	39	Miller	148	159	168	5.5	7,846	8,327	8,692	46
Prentiss	144	155	169	9.2	5,884	6,283	6,967	48	Mississippi	117	117	113	-3.7	7,435	7,350	7,042	96
Quitman	68	69	70	2.1	5,585	5,750	5,601	76	Moniteau	95	100	104	4.8	7,700	8,082	8,416	56
Rankin	629	676	715	5.8	8,645	8,921	9,502	6	Monroe	88	82	84	2.7	8,573	8,402	8,798	40
Scott	150	161	173	7.6	6,036	6,490	6,900	50	Montgomery	100	103	104	1.2	8,568	8,942	9,165	33
Sharkey	46	51	54	4.3	6,014	6,360	6,557	58	Morgan	92	100	107	6.1	6,619	7,042	7,354	86
Simpson	157	166	177	6.8	6,549	6,870	7,433	31	New Madrid	157	158	158	3	6,889	6,881	6,769	102
Smith	90	96	104	8.4	6,134	6,569	6,816	55	Newton	290	313	332	6.2	7,080	7,651	8,097	68
Stone	76	77	81	4.3	4,787	5,540	7,964	13	Nodaway	183	182	183	3	8,201	8,165	8,425	55
Sunflower	202	219	232	5.9	5,848	6,052	6,249	68	Oregon	58	61	64	6.0	5,691	6,045	6,477	108
Tallahatchie	77	91	90	-1.5	4,610	5,571	5,262	81	Osage	86	91	95	3.6	7,087	7,589	7,934	73
Tate	144	157	166	5.8	6,949	7,612	7,952	19	Ozark	47	49	51	5.1	5,664	5,890	6,073	109
Tippah	124	132	147	11.3	6,562	7,014	7,645	25	Pemiscot	168	165	163	-1.8	6,703	6,664	6,504	107
Tishomingo	121	127	130	2.5	6,384	6,824	7,024	45	Perry	138	138	138	-2	8,083	8,203	8,321	60
Tunica	51	54	55	2.9	5,464	5,874	5,629	75	Pettis	313	329	348	6.0	8,709	9,152	9,657	23
Union	154	163	173	6.3	7,058	7,579	7,896	21	Phelps	251	276	297	7.5	7,347	7,957	8,579	50
Walthall	82	87	88	4	6,112	6,629	6,611	57	Pike	146	149	149	-1	8,313	8,553	8,625	48
Warren	466	489	515	5.4	8,920	9,380	9,988	2	Platte	540	569	602	5.9	11,420	11,806	12,392	2
Washington	529	545	572	4.9	7,273	7,447	7,906	20	Polk	139	143	152	6.2	7,231	7,347	7,745	77
Wayne	112	117	123	4.5	5,760</												

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
				1982-83				1983					1982-83				1983
Shannon	42	44	47	5.7	5,250	5,528	5,867	111	Cherry	57	64	64	-4	8,253	9,416	9,304	62
Shelby	65	63	62	-2.0	8,348	8,159	8,216	65	Cheyenne	100	110	111	9	9,931	10,938	11,205	23
Stoddard	204	208	209	4	7,104	7,326	7,331	87	Clay	92	89	89	-2	11,367	11,217	11,308	20
Stone	118	129	138	7.0	7,367	8,044	8,308	61	Colla	103	106	95	-10.7	10,409	10,828	9,825	53
Sullivan	61	58	59	7	8,246	8,042	8,261	63	Cuming	113	123	119	-3.3	9,640	10,596	10,341	35
Taney	174	189	205	8.8	8,291	8,767	9,318	31	Custer	130	133	134	2	9,307	9,539	9,609	55
Texas	134	141	150	6.5	6,244	6,675	7,048	95	Dakota	162	157	164	4.7	9,526	9,194	9,543	67
Vernon	161	158	166	5.3	8,048	8,055	8,493	52	Dawes	78	83	86	2.8	8,174	8,761	9,097	67
Warren	139	148	158	6.3	8,927	9,417	9,864	17	Dawson	228	236	236	1	10,241	10,561	10,605	33
Washington	106	112	119	6.3	5,812	6,148	6,533	105	Deuel	29	31	31	6	12,077	12,807	12,616	5
Wayne	53	56	60	7.9	4,607	4,852	5,175	115	Dixon	60	59	58	-9	8,347	8,268	8,326	78
Webster	144	153	163	6.8	6,994	7,350	7,685	80	Dodge	397	414	425	2.6	10,989	11,530	11,916	11
Worth	24	21	20	-7.9	7,764	6,986	6,706	104	Douglas	4,577	4,945	5,258	6.3	11,506	12,324	12,871	4
Wright	107	111	118	6.5	6,518	6,766	7,061	94	Dundy	37	34	32	-5.7	12,881	11,758	11,362	19
St. Louis City	4,336	4,549	4,842	6.4	9,771	10,419	11,014	7	Fillmore	91	86	88	1.5	11,638	10,948	11,223	21
Montana	7,364	7,741	8,121	4.9	9,253	9,618	9,945	.....	Franklin	51	50	49	-2.3	11,829	11,312	11,643	16
Metropolitan portion	1,935	2,096	2,207	5.3	10,170	10,828	11,185	.....	Frontier	36	33	32	-5.3	9,705	9,063	8,529	75
Nonmetropolitan portion	5,429	5,645	5,914	4.8	8,966	9,235	9,550	.....	Furnas	58	60	62	3.2	8,908	9,374	9,768	54
Beaverhead	71	77	81	5.4	8,673	8,993	9,344	27	Gage	246	251	254	1.2	10,005	10,372	10,615	31
Big Horn	88	86	88	2.2	7,685	7,537	7,652	51	Garden	30	33	35	3.7	10,772	11,748	12,547	6
Blaine	55	55	58	4.6	7,977	8,023	8,131	43	Garfield	20	21	22	1.5	8,839	9,238	9,457	60
Broadwater	26	27	29	5.5	8,117	8,238	8,275	42	Gosper	27	25	22	-10.2	12,650	11,326	10,190	41
Carbon	71	75	76	1.7	8,680	9,047	9,182	31	Grant	9	10	10	1.0	10,227	11,458	11,195	24
Carter	15	13	13	-1.9	8,595	7,514	7,274	54	Greeley	34	31	29	-3.8	9,973	9,072	8,860	72
Cascade	762	804	849	5.6	9,519	10,041	10,492	12	Hall	509	529	547	3.5	10,432	10,738	11,110	26
Chouteau	67	65	66	1.5	11,095	10,629	10,849	9	Hamilton	114	109	107	-1.5	12,089	11,554	11,621	17
Custer	127	132	138	4.9	9,614	9,891	10,499	11	Harlan	45	44	44	6	10,359	10,166	10,194	40
Daniels	27	29	30	3.1	9,770	10,521	10,846	10	Hayes	10	9	9	-1.2	7,789	6,557	6,442	91
Dawson	129	134	127	-4.7	10,536	10,474	10,295	17	Hitchcock	39	41	40	-2	9,598	9,872	10,161	42
Deer Lodge	87	86	93	7.7	7,223	7,450	8,013	47	Holt	115	113	107	-4.6	8,338	8,112	7,685	86
Fallon	36	36	35	-2.8	9,692	9,422	9,295	29	Hooker	9	10	10	1.3	9,143	9,638	9,195	64
Fergus	124	123	129	4.8	9,614	9,484	9,943	21	Howard	64	63	64	1.1	9,448	9,355	9,537	58
Flathead	460	474	517	9.0	8,814	9,064	9,592	25	Jefferson	101	100	103	2.7	10,430	10,414	10,614	32
Gallatin	360	393	419	6.7	8,200	8,668	9,065	32	Johnson	46	46	47	2.8	8,880	8,943	9,322	61
Garfield	19	17	18	3.0	11,439	10,258	10,370	15	Kearney	95	90	93	3.5	13,471	12,838	13,141	3
Glacier	100	104	106	1.8	9,243	9,454	9,375	26	Keith	101	108	109	1.4	10,883	11,548	11,661	15
Golden Valley	8	8	8	6.4	7,203	6,957	7,086	55	Keya Paha	9	9	8	-10.7	7,222	7,274	6,532	89
Granite	21	22	24	7.9	7,879	8,354	8,870	35	Kimball	61	64	64	9	12,145	12,296	12,301	8
Hill	175	180	187	3.6	9,569	9,718	10,055	19	Knox	81	84	81	-3.3	6,992	7,381	7,167	88
Jefferson	58	63	68	8.1	8,024	8,668	8,543	49	Lancaster	2,079	2,228	2,384	4.8	10,546	11,215	11,698	13
Judith Basin	21	21	21	-5	7,707	7,997	7,906	40	Lincoln	365	371	379	2.2	10,199	10,674	10,848	30
Lake	134	144	152	5.9	7,006	7,425	7,664	50	Logan	10	9	9	-2.9	10,508	9,499	8,906	70
Lewis and Clark	455	489	521	6.6	10,351	11,013	11,559	4	Loup	7	6	6	-10.0	8,119	7,630	6,354	92
Liberty	28	28	28	-1	11,694	11,569	11,716	2	McPherson	5	5	5	-8.4	9,394	9,184	8,023	79
Lincoln	133	137	151	9.6	7,430	7,626	8,144	44	Madison	323	333	348	4.4	10,936	10,465	10,877	28
McCone	29	30	30	1.4	10,678	10,745	11,093	6	Merrick	89	88	86	-2.8	9,720	9,828	9,512	59
Madison	49	49	49	1	8,363	8,439	8,579	39	Morrill	55	53	49	-8.2	8,917	8,674	7,984	81
Meagher	17	17	18	5.0	7,984	7,727	8,017	45	Nance	47	47	47	2	9,976	10,004	10,133	44
Mineral	28	28	32	14.0	7,924	7,918	8,830	36	Nemaha	52	52	54	3.1	8,854	9,829	10,032	46
Missoula	647	683	740	8.3	8,463	9,076	9,764	22	Nuckolls	89	88	60	4.2	8,767	8,627	9,058	68
Musselshell	45	45	42	-6.6	9,316	9,648	9,960	34	Otoe	154	156	162	3.9	10,224	10,313	10,945	27
Petroleum	5	4	4	-2.5	6,778	6,138	5,266	56	Pawnee	39	38	38	5	10,057	10,121	10,253	39
Phillips	45	44	47	7.1	8,343	8,179	8,474	41	Perkins	48	46	49	5.5	13,130	12,537	13,281	2
Pondera	71	74	77	3.0	10,613	10,847	10,973	7	Phelps	137	137	136	-1.0	13,792	13,470	13,434	1
Powder River	26	26	25	-4.6	10,528	10,488	10,028	20	Pierce	72	68	69	1.2	8,543	8,016	8,017	80
Powell	61	68	72	5.2	8,882	10,119	10,483	13	Platte	322	332	346	4.2	11,041	11,351	11,667	14
Prairie	14	13	14	4.0	7,495	7,088	7,576	52	Polk	78	78	75	-4.8	12,505	12,719	12,317	7
Ravalli	171	182	195	6.7	7,380	7,756	8,014	46	Red Willow	136	142	144	1.8	10,624	11,098	11,212	22
Richland	142	141	126	-10.9	10,896	9,449	8,753	37	Richardson	110	110	114	3.4	9,781	9,716	10,298	37
Roosevelt	89	93	100	6.9	8,291	8,275	8,749	38	Rock	26	27	25	-8.4	10,928	11,152	10,093	45
Rosebud	105	132	142	7.4	9,559	10,819	10,458	14	Saline	154	154	158	2.3	11,756	11,659	12,077	10
Sanders	66	68	73	7.0	7,514	7,542	8,001	48	Sarpy	816	900	948	5.3	9,227	9,889	10,301	36
Sheridan	65	66	67	2.0	11,407	10,996	11,349	5	Saunders	188	187	190	1.5	10,020	10,036	10,134	43
Silver Bow	376	387	396	2.3	10,016	10,585	10,918	8	Scotts Bluff	367	393	384	-2.4	9,450	10,203	9,923	48
Stillwater	51	54	56	2.8	9,107	9,334	9,317	28	Seward	153	153	156	1.7	9,698	9,919	9,871	52
Sweet Grass	31	33	33	7	9,616	9,929	10,106	18	Sheridan	66	69	71	3.0	8,667	8,981	9,216	63
Teton	61	61	61	-1.1	9,335	9,583	9,275	30	Sherman	36	34	33	-2.7	8,613	8,274	7,928	82
Toole	75	72	74	2.3	13,312	12,736	12,630	1	Sioux	15	16	12	-23.6	6,200	6,927	6,507	90
Treasure	9	10	10	2.6	9,084	9,394	9,622	24	Stanton	56	58	55	-4.6	8,516	8,930	8,512	76
Valley	111	94	97	-2.7	11,005	9,435	9,707	23	Thayer	79	77	74	-3.7	10,384	10,123	9,900	50
Wheatland	23	23	24	1.7	10,794	10,263	10,332	16	Thomas	8	8	9	1.8	8,438	8,505	8,944	69
Wibaux	11	10	11	6.0	7,177	6,607	7,392	53	Thurston	54	54	56	3.9	7,416	7,324	7,531	87
Yellowstone	1,173	1,292	1,358	5.1	10,643	11,384	11,667	3	Valley	51	53	53	6	8,829	9,151	8,866	71
Park (incl. Ylwn. Natl. Park)	114	118	121	2.2	8,456	8,830	9,005	33	Washington	164	175	181	3.5	10,543			

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income						
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State			
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983				
Pershing.....	36	40	35	-13.5	10,197	10,936	9,523	16	Delaware.....	368	387	404	4.6	7,867	8,299	8,644	54			
Storey.....	18	19	20	6.6	10,637	10,770	11,108	7	Dutchess.....	2,711	2,993	3,195	6.7	11,058	12,152	12,761	12			
Washoe.....	2,695	2,799	2,958	5.7	13,389	13,469	14,125	2	Erie.....	10,544	10,984	11,418	4.0	10,479	11,004	11,398	14			
White Pine.....	86	86	89	3.7	9,871	9,910	10,518	10	Essex.....	294	316	334	5.9	8,128	8,687	9,113	47			
Carson City.....	391	414	439	5.9	11,714	11,990	12,629	3	Franklin.....	304	325	346	6.4	6,794	7,391	7,722	60			
New Hampshire.....	9,644	10,606	11,610	9.5	10,296	11,189	12,109	.....	Fulton.....	466	499	533	7.0	8,473	9,042	9,545	39			
Metropolitan portion.....	6,015	6,569	7,366	10.5	10,648	11,658	12,666	.....	Genesee.....	572	609	635	4.2	9,586	10,250	10,516	23			
Nonmetropolitan portion.....	3,628	3,937	4,243	7.8	9,759	10,474	11,250	.....	Greene.....	350	372	394	6.0	8,577	9,104	9,633	38			
Belknap.....	421	462	501	8.3	9,757	10,516	11,260	4	Hamilton.....	39	43	45	4.6	7,847	8,729	9,325	49			
Carroll.....	278	297	323	8.5	9,721	10,326	11,013	7	Herkimer.....	559	593	625	5.4	8,396	8,995	9,332	45			
Cheshire.....	622	668	713	6.8	9,873	10,520	11,258	5	Jefferson.....	726	777	830	6.8	8,286	8,925	9,364	44			
Coos.....	303	326	347	6.5	8,798	9,458	10,158	10	Kings.....	20,505	22,468	23,915	5.4	9,172	10,009	10,740	21			
Grafton.....	637	695	748	7.7	9,617	10,353	11,176	6	Lewis.....	172	181	191	6.4	6,901	7,290	7,587	61			
Hillsborough.....	3,067	3,402	3,767	10.7	10,889	11,932	12,984	3	Livingston.....	520	557	582	4.6	9,126	9,698	9,976	33			
Merrimack.....	1,023	1,120	1,220	8.9	10,263	11,119	11,973	11	Madison.....	547	584	625	7.0	8,351	8,937	9,373	43			
Rockingham.....	2,132	2,368	2,618	10.6	10,906	11,956	12,945	2	Monroe.....	8,549	9,284	9,631	3.7	12,119	13,099	13,496	7			
Strafford.....	816	900	981	9.1	9,304	10,116	11,000	8	Montgomery.....	480	506	535	5.7	9,044	9,539	10,162	31			
Sullivan.....	344	368	392	6.3	9,451	9,875	10,567	9	Nassau.....	21,048	22,167	24,080	8.6	15,990	16,908	17,999	3			
New Jersey.....	89,356	97,209	104,548	7.6	12,064	13,089	14,000	.....	New York.....	23,388	24,799	26,815	8.1	16,372	17,392	18,818	2			
Metropolitan portion.....	89,356	97,209	104,548	7.6	12,064	13,089	14,000	.....	Niagara.....	2,271	2,371	2,474	4.3	10,084	10,684	11,018	18			
Atlantic.....	2,200	2,377	2,590	8.9	11,251	12,163	13,082	10	Oneida.....	2,331	2,503	2,653	6.0	9,218	9,938	10,445	25			
Bergen.....	12,921	14,024	15,107	7.7	15,282	16,635	17,962	1	Onondaga.....	4,816	5,176	5,540	7.0	10,431	11,245	11,885	13			
Burlington.....	3,952	4,277	4,585	7.2	10,735	11,535	12,278	13	Ontario.....	877	940	980	4.3	9,838	10,491	10,809	20			
Camden.....	5,037	5,399	5,764	6.8	10,578	11,280	11,999	17	Orange.....	2,562	2,765	2,976	7.7	9,739	10,407	11,089	17			
Cape May.....	942	1,000	1,094	9.3	11,070	11,692	12,707	11	Orleans.....	360	377	392	4.1	9,354	9,735	10,013	32			
Cumberland.....	1,216	1,306	1,385	6.1	9,081	9,760	10,401	21	Oswego.....	931	1,029	1,113	8.1	8,219	9,011	9,472	40			
Essex.....	9,564	10,365	11,132	7.4	11,312	12,323	13,245	9	Otsego.....	466	502	529	5.4	7,880	8,467	8,864	50			
Gloucester.....	2,018	2,179	2,349	7.8	9,972	10,656	11,323	18	Putnam.....	955	1,085	1,129	9.1	12,205	13,170	14,084	5			
Hudson.....	5,394	5,867	6,287	7.2	9,598	10,473	11,194	19	Queens.....	22,086	24,096	25,782	7.0	11,635	12,660	13,564	6			
Hunterdon.....	1,216	1,352	1,463	8.2	13,788	15,185	15,990	5	Rensselaer.....	1,388	1,494	1,597	6.9	9,163	9,880	10,481	24			
Mercer.....	3,692	4,042	4,329	7.1	12,007	13,078	13,930	8	Richmond.....	4,048	4,480	4,878	8.9	11,332	12,430	13,286	8			
Middlesex.....	7,583	8,257	8,842	7.1	12,655	13,678	14,520	6	Rockland.....	3,506	3,784	4,115	8.7	13,531	14,539	15,487	4			
Monmouth.....	6,152	6,708	7,233	7.8	12,139	13,121	13,975	7	St. Lawrence.....	828	877	942	7.4	9,294	9,778	10,248	58			
Morris.....	6,001	6,642	7,228	8.8	14,442	16,150	17,364	3	Saratoga.....	1,467	1,605	1,738	8.0	9,477	10,345	10,932	19			
Ocean.....	3,758	4,091	4,428	8.2	10,617	11,404	12,085	16	Schenectady.....	1,688	1,829	1,946	6.4	11,283	12,244	12,987	11			
Passaic.....	4,870	5,310	5,685	7.1	10,794	11,725	12,636	12	Schoharie.....	216	231	247	6.7	7,384	7,847	8,214	59			
Salem.....	624	670	716	6.9	9,661	10,265	10,869	20	Schuyler.....	140	147	154	4.8	7,909	8,356	8,586	55			
Somerset.....	3,122	3,449	3,692	7.1	15,269	16,819	17,828	2	Steuben.....	316	328	341	4.2	9,387	9,957	10,265	27			
Sussex.....	1,253	1,361	1,491	9.6	10,628	11,485	12,172	15	Suffolk.....	894	924	969	4.8	9,042	9,415	9,693	37			
Union.....	6,929	7,545	8,096	7.3	13,733	14,956	16,091	4	Sullivan.....	15,116	15,957	17,441	9.3	11,755	12,391	13,239	9			
Warren.....	915	991	1,052	6.1	10,787	11,673	12,248	14	Tioga.....	595	639	681	6.6	9,142	9,890	10,339	26			
New Mexico.....	11,716	12,714	13,512	6.3	8,780	9,301	9,656	.....	Tompkins.....	446	480	505	5.2	8,569	9,653	10,162	30			
Metropolitan portion.....	5,962	6,532	7,185	9.7	9,612	10,358	11,115	.....	Ulster.....	736	778	830	6.7	8,365	8,834	9,463	41			
Nonmetropolitan portion.....	5,754	6,182	6,327	2.7	8,057	8,990	8,404	.....	Warren.....	1,500	1,639	1,801	9.8	9,484	10,304	11,225	16			
Bernalillo.....	4,234	4,651	5,098	9.6	9,879	10,698	11,520	3	Washington.....	494	538	574	6.6	8,954	9,799	10,265	27			
Catron.....	16	18	18	14.0	5,629	5,730	6,350	28	Wayne.....	437	463	489	5.6	8,000	8,409	8,742	51			
Chaves.....	454	517	541	4.7	8,791	9,494	9,519	8	Westchester.....	827	893	934	4.5	9,677	10,375	10,615	22			
Cibola.....	137	117	117	-14.4	.....	4,962	4,641	32	Wyoming.....	319	342	358	4.7	7,990	8,462	8,741	52			
Colfax.....	111	123	125	1.7	8,274	8,828	10,725	5	Yates.....	184	192	199	3.9	8,637	9,046	9,203	46			
Curry.....	361	395	422	6.7	8,307	8,904	9,323	9	North Carolina.....	51,567	55,063	59,628	8.3	8,655	9,148	9,805	.....		
De Baca.....	18	21	21	2.3	7,734	8,589	8,943	12	Metropolitan portion.....	30,952	33,260	36,252	9.0	9,525	10,117	10,900	.....		
Dona Ana.....	721	790	868	9.8	7,517	7,921	8,485	17	Nonmetropolitan portion.....	20,616	21,803	23,376	7.2	7,612	7,981	8,483	.....		
Eddy.....	468	527	520	-1.4	4,492	4,462	4,017	6	Alamance.....	898	965	1,044	8.2	9,001	9,567	10,278	11			
Grant.....	247	231	226	-2.5	8,999	8,006	7,640	23	Alexander.....	209	221	239	8.0	8,281	8,624	9,302	33			
Guadalupe.....	25	28	29	5.0	5,481	6,125	6,249	29	Alleghany.....	68	73	78	5.8	7,004	7,492	7,965	67			
Harding.....	10	9	9	5.8	9,430	9,012	8,729	15	Anson.....	182	190	204	7.7	7,089	7,301	7,730	78			
Hidalgo.....	50	52	55	6.1	8,074	7,989	8,401	19	Ashe.....	140	150	162	7.9	6,201	6,587	7,047	88			
Lea.....	661	745	716	-3.9	11,378	12,447	11,843	2	Avery.....	90	99	108	9.0	6,217	6,774	7,273	86			

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Guilford	3,395	3,576	3,865	8.1	10,636	11,143	11,930	4	Oliver	26	25	29	17.9	10,341	9,767	10,919	33
Halifax	363	384	414	7.7	6,541	6,907	7,374	84	Pembina	120	120	136	13.4	11,606	11,737	13,035	8
Harnett	393	418	450	7.7	6,497	6,857	7,355	85	Pierce	60	59	63	7.6	9,770	9,620	10,091	42
Haywood	379	402	427	6.1	8,112	8,540	9,028	39	Ramsey	139	145	157	8.3	10,725	11,162	11,971	20
Henderson	579	610	664	8.9	9,600	9,850	10,521	8	Ransom	69	65	75	15.9	10,585	10,003	11,407	25
Hertford	175	182	191	5.2	7,491	7,752	8,092	63	Renville	45	44	47	7.6	12,253	12,351	12,891	9
Hoke	114	120	129	7.9	5,432	5,557	5,977	99	Richland	205	187	232	24.2	10,623	9,514	11,746	22
Hyde	33	35	35	4.6	5,546	5,590	5,810	100	Rolette	87	88	98	11.0	7,086	7,041	7,521	52
Iredell	698	732	800	9.4	8,343	8,670	9,460	27	Sargent	63	58	65	12.6	11,505	10,743	12,368	14
Jackson	177	191	209	9.3	6,722	7,196	7,812	72	Sheridan	29	26	28	10.9	10,425	9,528	10,093	41
Johnston	541	566	596	5.3	7,546	7,815	8,175	59	Sioux	26	24	26	8.5	6,862	6,285	6,670	53
Jones	63	73	75	3.9	6,497	7,454	7,736	76	Slope	14	10	13	21.6	11,771	8,747	10,007	44
Lee	344	371	397	6.9	9,261	9,840	10,278	11	Stark	275	310	294	-5.1	10,444	10,878	10,422	39
Lenoir	480	523	549	4.9	7,976	8,708	9,117	35	Steele	40	37	45	20.4	13,376	12,658	14,797	1
Lincoln	359	376	409	8.7	8,379	8,700	9,326	31	Stutsman	255	285	280	10.0	10,584	10,662	11,622	23
McDowell	270	281	305	8.8	7,523	7,789	8,459	53	Towner	49	47	54	14.3	12,074	11,654	12,792	10
Macon	153	168	183	8.6	7,191	7,730	8,156	62	Trail	112	114	130	14.5	11,849	11,993	13,611	4
Madison	108	113	119	5.0	6,277	6,687	6,972	89	Wald	157	153	174	13.6	10,289	9,931	11,226	28
Martin	210	217	228	5.4	7,982	8,263	8,745	44	Ware	626	657	679	3.3	10,645	10,973	11,190	30
Mecklenburg	4,621	5,024	5,496	9.4	11,214	11,971	12,863	1	Wells	78	77	86	11.1	11,229	11,309	12,380	13
Mitchell	104	110	117	6.6	7,196	7,664	8,065	64	Williams	365	379	346	-8.5	14,563	13,561	12,522	12
Montgomery	156	165	186	13.1	6,887	7,241	8,168	60	Ohio	110,448	114,873	120,539	4.9	10,228	10,664	11,218	
Moore	469	496	554	7.7	9,178	9,581	10,098	14	Metropolitan portion	90,783	94,340	99,212	5.2	10,656	11,102	11,707	
Nash	625	673	719	6.8	9,206	9,833	10,427	9	Nonmetropolitan portion	19,665	20,534	21,327	3.9	8,628	9,025	9,390	
New Hanover	938	1,002	1,086	8.3	9,325	9,337	9,951	17	Adams	139	154	160	3.8	5,673	6,383	6,652	87
Northampton	141	138	146	6.3	6,191	6,109	6,453	97	Ashland	1,077	1,125	1,191	5.8	9,628	10,226	10,816	20
Onslow	789	920	1,031	12.0	6,947	7,589	8,678	46	Ashtabula	427	439	455	3.8	9,192	9,439	9,842	46
Orange	931	803	80	9.7	7,420	10,256	11,149	6	Athens	922	938	968	3.2	8,900	9,111	9,418	58
Pamlico	76	86	90	5.4	7,271	8,110	8,599	50	Auglaize	354	379	403	6.3	6,160	6,591	7,048	85
Pasquotank	229	248	265	6.8	8,001	8,655	9,071	38	Belmont	409	420	438	4.3	9,562	9,791	10,273	35
Pender	156	164	175	6.7	6,941	7,135	7,443	82	Brown	759	786	785	-2	9,199	9,580	9,664	52
Perquimans	65	71	77	8.3	6,784	7,412	7,900	70	Butler	260	277	285	3.0	7,915	8,325	8,436	74
Person	216	226	247	9.6	7,403	7,593	8,304	57	Carroll	2,631	2,751	2,903	5.5	10,026	10,477	11,121	11
Pitt	721	774	826	6.7	7,856	8,327	8,864	41	Champaign	205	210	213	1.3	7,964	8,118	8,187	75
Polk	134	138	150	8.4	9,891	9,757	10,263	13	Clark	281	294	303	3.1	8,429	8,751	8,993	64
Randolph	808	834	899	7.8	8,688	8,882	9,445	28	Clermont	1,379	1,433	1,513	5.5	9,195	9,663	10,231	36
Richmond	316	323	353	9.3	6,935	7,197	7,916	69	Clinton	1,167	1,196	1,269	6.2	8,857	8,959	9,424	57
Robeson	615	654	700	7.1	5,984	6,312	6,715	93	Columbiana	302	329	341	3.4	8,699	9,540	9,895	44
Rockingham	708	742	792	6.9	8,889	9,780	9,352	30	Coshocton	949	957	960	.3	8,967	8,438	8,567	70
Rowan	876	929	1,001	7.8	8,740	9,213	9,906	18	Crawford	330	350	360	2.7	9,112	9,659	9,933	42
Rutherford	420	442	487	10.0	7,704	7,988	8,631	48	Cuyahoga	17,922	18,721	19,668	5.0	12,095	12,743	13,370	1
Sampson	366	390	403	3.3	7,334	7,804	8,018	66	Darke	474	486	505	4.0	8,678	9,039	9,340	59
Scotland	240	248	271	9.3	7,349	7,493	8,158	61	Defiance	397	394	415	5.2	10,023	10,082	10,642	25
Stanly	411	432	473	9.4	8,455	8,873	9,595	25	Delaware	555	580	622	7.2	10,143	10,454	11,048	15
Stokes	270	278	294	5.6	8,033	8,279	8,602	49	Erie	802	812	855	5.3	10,112	10,360	11,002	16
Surry	503	525	554	5.6	8,423	8,799	9,356	29	Fairfield	913	958	1,018	6.3	9,592	10,029	10,679	24
Swain	65	68	74	7.8	6,193	6,479	6,783	92	Fayette	210	231	236	2.3	7,711	8,432	8,681	68
Transylvania	203	219	233	6.4	8,494	9,055	9,542	26	Franklin	9,155	9,778	10,491	7.3	10,406	11,080	11,916	7
Tyrrell	33	37	39	5.6	8,108	8,882	9,610	24	Fulton	367	386	402	4.3	9,687	10,194	10,584	27
Union	642	683	744	8.9	8,887	9,274	9,889	19	Gallia	245	261	268	2.4	8,116	8,785	9,009	63
Vance	281	296	318	7.4	7,605	7,942	8,445	55	Geauga	882	904	951	5.2	11,829	12,114	12,629	3
Wake	3,368	3,708	4,135	11.5	10,910	11,780	12,759	2	Greene	1,319	1,371	1,453	6.0	10,149	10,482	11,069	13
Warren	115	112	118	5.2	7,085	6,968	7,406	83	Guernsey	327	341	354	3.7	7,762	8,160	8,478	72
Washington	117	122	132	8.2	8,009	8,379	8,957	40	Hamilton	10,046	10,508	11,095	5.6	11,511	12,075	12,868	2
Watauga	222	236	254	7.8	6,799	7,095	7,574	80	Hancock	651	754	798	5.9	10,522	11,601	12,377	4
Wayne	727	780	829	6.3	7,474	7,985	8,469	52	Hardin	262	264	271	2.9	8,035	8,153	8,517	71
Wilkes	472	498	543	9.0	7,989	8,379	9,081	36	Harrison	155	158	158	-4	8,724	9,004	9,122	62
Wilson	581	613	651	6.1	9,176	9,615	10,079	15	Henry	281	285	291	2.1	9,995	10,160	10,315	34
Yadkin	246	252	267	5.9	8,568	8,666	9,159	34	Highland	243	269	275	2.4	7,338	7,931	8,105	77
Yancey	87	94	101	6.7	5,751	6,208	6,583	95	Hocking	189	199	211	6.0	7,756	8,232	8,662	69
North Dakota	7,124	7,306	7,937	8.6	10,777	10,877	11,664		Holmes	190	198	199	6	6,358	6,596	6,649	88
Metropolitan portion	2,524	2,699	2,972	10.1	10,645	11,233	12,234		Huron	480	501	531	6.0	8,767	9,194	9,710	51
Nonmetropolitan portion	4,599	4,607	4,965	7.8	10,851	10,678	11,348		Jackson	205	227	243	6.7	6,763	7,556	8,032	79
Adams	36	34	37	10.6	10,078	9,641	10,600	36	Jefferson	889	888	883	-6	9,811	9,853	9,961	41
Barnes	148	148	162	9.6	10,577	10,700	11,613	24	Knox	383	419	430	2.6	8,220	8,900	9,150	61
Benson	74	72	78	8.1	9,527	9,188	9,604	49	Lake								

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Ross.....	537	562	590	5.1	8,163	8,534	8,930	66	Washington.....	732	808	821	1.5	14,534	15,520	15,743	1
Sandusky.....	591	616	654	6.2	9,419	9,880	10,519	31	Washita.....	112	137	127	-7.3	7,326	7,782	7,529	65
Scioto.....	586	617	653	5.8	6,961	7,329	7,801	80	Woods.....	111	133	130	-2.5	10,107	12,014	11,844	12
Seneca.....	591	598	610	2.1	9,650	9,765	9,997	39	Woodward.....	241	279	241	-13.7	10,578	11,158	10,048	26
Shelby.....	393	404	421	4.2	9,029	9,273	9,802	48	Oregon.....	26,586	27,131	28,659	5.6	9,959	10,168	10,768	.....
Stark.....	3,911	4,007	4,100	2.3	10,329	10,599	10,874	17	Metropolitan portion.....	18,841	19,278	20,275	5.2	10,534	10,767	11,347	.....
Summit.....	5,656	5,925	6,187	4.4	10,870	11,451	12,013	6	Nonmetropolitan portion.....	7,745	7,853	8,384	6.8	8,793	8,946	9,533	.....
Trumbull.....	2,640	2,573	2,662	3.5	10,951	10,713	11,086	14	Baker.....	141	139	148	6.8	8,628	8,477	9,036	33
Tuscarawas.....	753	782	817	4.5	8,864	9,167	9,585	54	Benton.....	597	632	665	5.3	8,635	9,250	9,899	17
Union.....	284	302	316	4.8	9,497	9,960	10,546	30	Clackamas.....	2,727	2,810	2,951	5.0	11,059	11,292	11,804	6
Van Wert.....	309	314	322	2.7	10,200	10,453	10,805	21	Clatsop.....	301	308	323	5.0	9,189	9,396	9,969	14
Vinton.....	69	74	78	5.1	6,057	6,538	6,793	86	Columbia.....	345	346	363	4.9	9,495	9,453	9,928	15
Warren.....	936	956	1,011	5.8	9,310	9,453	9,930	43	Coos.....	541	551	579	5.0	8,480	8,858	9,372	27
Washington.....	584	618	639	3.3	9,070	9,570	9,825	47	Crook.....	113	112	124	11.2	8,612	8,635	9,552	21
Wayne.....	926	970	1,001	3.1	9,452	9,814	10,114	37	Curry.....	160	161	172	7.4	9,201	9,229	9,979	12
Williams.....	349	362	380	4.9	9,575	10,037	10,636	26	Deschutes.....	545	559	605	8.2	8,597	8,779	9,362	28
Wood.....	1,069	1,109	1,163	4.9	9,832	10,182	10,828	19	Douglas.....	792	797	876	9.9	8,450	8,633	9,542	22
Wyandot.....	214	226	239	5.8	9,511	10,048	10,727	23	Gilliam.....	26	20	25	22.5	12,701	9,939	12,308	5
Oklahoma.....	32,091	35,752	36,238	1.4	10,344	11,084	10,988	.....	Grant.....	71	68	73	7.3	8,645	8,474	9,148	30
Metropolitan portion.....	20,329	22,533	22,981	2.0	11,462	12,176	12,089	.....	Harney.....	61	64	67	4.7	7,616	8,553	9,094	32
Nonmetropolitan portion.....	11,763	13,219	13,258	.3	8,882	9,613	9,489	.....	Hood River.....	155	165	175	6.2	9,719	10,231	10,925	9
Adair.....	109	115	126	9.0	5,795	6,048	6,338	75	Jackson.....	1,166	1,187	1,274	7.4	8,652	8,805	9,500	25
Alfalfa.....	81	97	91	-5.8	11,312	13,397	12,708	6	Jefferson.....	105	109	114	4.6	8,733	8,855	9,106	31
Atoka.....	71	79	84	7.4	5,610	6,129	6,253	76	Josephine.....	452	463	496	7.2	7,449	7,725	8,261	36
Beaver.....	69	87	77	-11.0	9,946	11,801	10,277	22	Klamath.....	511	516	549	6.4	8,554	8,709	9,509	24
Beckham.....	203	255	220	-13.5	9,703	10,133	8,562	55	Lake.....	71	72	79	9.4	9,120	9,254	10,116	11
Blaine.....	120	143	140	-1.7	8,551	9,539	9,693	32	Lane.....	2,483	2,469	2,612	5.8	8,959	9,075	9,726	19
Bryan.....	232	257	277	7.7	7,505	8,247	8,671	53	Lincoln.....	331	344	367	6.6	9,227	9,441	9,976	13
Caddo.....	271	317	306	-3.6	8,506	9,442	8,781	49	Linn.....	794	804	842	4.7	8,767	8,901	9,389	26
Canadian.....	681	778	793	2.0	11,398	12,144	11,849	11	Malheur.....	293	228	241	5.4	8,548	8,231	8,496	35
Carter.....	467	520	529	1.8	10,513	11,260	11,344	15	Marion.....	1,950	2,028	2,122	4.6	9,351	9,721	10,145	10
Cherokee.....	203	222	238	7.5	6,506	7,037	7,255	66	Morrow.....	93	87	111	27.5	12,515	11,598	14,206	1
Choctaw.....	109	114	116	1.6	6,345	6,768	6,784	73	Multnomah.....	6,571	6,666	6,997	5.0	11,622	11,804	12,457	4
Cimarron.....	44	56	47	-15.6	12,001	15,044	11,436	14	Polk.....	389	396	412	4.0	8,379	8,643	9,046	34
Cleveland.....	1,487	1,714	1,756	2.5	10,661	11,670	11,480	13	Sherman.....	35	26	31	22.0	15,778	11,432	13,952	2
Coal.....	37	42	44	4.0	6,221	7,223	7,184	68	Tillamook.....	186	192	202	5.2	8,730	8,895	9,362	28
Comanche.....	897	1,019	1,087	6.7	7,959	8,888	8,871	45	Umatilla.....	549	543	578	6.5	9,123	9,007	9,564	20
Cotton.....	56	63	65	2.1	7,746	9,017	8,702	52	Union.....	212	215	238	8.4	8,671	8,767	9,539	23
Craig.....	143	154	160	4.6	9,491	10,051	10,359	21	Willowa.....	68	68	75	9.3	9,142	9,149	9,903	16
Creek.....	568	614	613	-1	9,237	9,553	9,313	39	Wasco.....	243	246	251	2.0	10,867	10,966	11,521	2
Custer.....	266	340	321	-5.6	9,643	10,899	10,110	25	Washington.....	3,035	3,191	3,350	5.0	11,974	12,331	12,855	3
Delaware.....	159	169	188	11.1	6,515	6,480	6,787	72	Wheeler.....	16	16	16	5.8	10,551	10,409	11,290	8
Dewey.....	64	74	71	-4.5	10,557	11,357	10,653	18	Yamhill.....	521	531	556	4.7	9,245	9,345	9,752	18
Ellis.....	64	76	79	4.7	10,724	11,536	12,431	8	Pennsylvania.....	122,621	129,944	136,409	5.0	10,323	10,939	11,468	.....
Garfield.....	769	854	838	-1.8	11,942	12,610	12,378	9	Metropolitan portion.....	106,868	113,373	119,233	5.2	10,337	11,286	11,857	.....
Garvin.....	270	307	297	-3.3	9,354	10,196	9,770	31	Nonmetropolitan portion.....	15,753	16,571	17,176	3.7	8,603	9,037	9,341	.....
Grady.....	369	418	422	.8	9,066	9,594	9,351	38	Adams.....	597	643	669	4.0	8,604	9,171	9,606	35
Grant.....	87	105	95	-9.3	12,978	15,618	14,359	2	Allegheny.....	16,986	17,803	18,225	2.4	11,804	12,429	12,753	5
Greer.....	55	65	67	2.8	7,797	8,915	9,161	40	Armstrong.....	707	738	753	2.0	9,073	9,446	9,612	34
Harmon.....	35	39	37	-3.5	7,276	8,345	8,600	54	Beaver.....	2,145	2,132	2,167	1.7	10,608	10,533	10,734	15
Harper.....	58	69	59	-13.7	11,765	13,631	12,195	10	Bedford.....	330	348	364	4.6	6,976	7,295	7,561	66
Haskell.....	83	87	91	4.5	7,448	7,618	7,707	63	Berks.....	3,394	3,601	3,862	7.3	10,739	11,448	12,269	8
Hughes.....	106	117	117	.6	7,307	7,852	7,959	61	Blair.....	1,124	1,167	1,204	3.2	8,273	8,592	8,912	50
Jackson.....	237	261	284	8.9	7,891	8,613	9,129	41	Bradford.....	502	532	559	5.1	7,923	8,324	8,681	56
Jefferson.....	69	81	76	-5.1	8,459	9,549	8,921	42	Bucks.....	5,644	6,056	6,435	7.1	11,540	12,227	13,012	4
Johnston.....	59	66	69	3.6	5,594	6,288	6,419	74	Butler.....	1,459	1,515	1,547	2.1	9,782	10,119	10,283	24
Kay.....	637	721	739	2.5	12,416	13,691	14,108	3	Cambria.....	1,629	1,668	1,676	.5	8,972	9,314	9,365	42
Kingfisher.....	167	193	180	-6.5	11,288	11,959	11,082	17	Cameron.....	59	60	62	2.1	8,276	8,885	9,380	40
Kiowa.....	100	121	119	-1.3	7,785	9,293	8,824	46	Carbon.....	489	523	550	5.2	9,112	9,690	10,234	26
Latimer.....	62	68	71	4.4	6,300	6,749	6,932	70	Centre.....	887	956	1,022	6.9	7,756	8,408	9,019	48
Le Flore.....	285	302	325	7.8	7,005	7,199	7,551	64	Chester.....	4,058	4,365	4,701	7.7	12,589	13,403	14,208	2
Lincoln.....	248	274	279	1.8	9,040	9,637	9,520	35	Clearfield.....	369	384	384	-1	8,514	8,918	8,855	52
Logan.....	267	291	294	1.0	9,630	10,063	9,817	29	Clarion.....	723	767	796	3.8	8,694	9,257	9,478	37
Love.....	57	65	64	-1.1	7,689	8,350	8,204	59	Clinton.....	311	322	331	2.8	7,981	8,306	8,533	59
McClain.....	196	217	224														

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
				1982-83				1983					1982-83				1983
Northumberland	838	897	940	4.7	8,355	8,944	9,470	38	Codrington	183	201	211	4.9	8,663	9,285	9,655	28
Perry	305	329	352	6.8	8,445	9,015	9,464	39	Corson	31	30	33	8.4	5,797	5,741	6,187	64
Philadelphia	15,731	16,788	17,827	6.2	9,400	10,086	10,718	16	Custer	49	54	57	5.2	8,084	8,633	8,793	47
Pike	167	185	199	7.4	8,790	9,456	10,195	27	Davison	160	172	176	2.6	8,963	9,730	9,839	24
Potter	131	137	143	4.4	7,291	7,669	7,780	65	Day	65	70	74	6.4	7,960	8,713	9,291	36
Schuylkill	1,371	1,477	1,559	5.6	8,578	9,305	9,836	31	Deuel	48	45	46	2.3	9,142	8,616	8,961	44
Snyder	266	282	300	6.4	7,840	8,238	8,706	54	Dewey	40	40	42	5.0	7,482	7,485	7,453	56
Somerset	697	719	729	1.5	8,549	8,811	8,968	49	Douglas	31	32	29	-9.1	7,613	7,700	7,199	61
Sullivan	48	49	52	4.7	7,674	7,798	8,153	62	Edmunds	41	43	45	2.9	8,134	8,804	8,965	43
Susquehanna	290	316	337	6.4	7,689	8,318	8,695	55	Fall River	85	85	88	3.2	10,311	10,705	10,860	6
Tioga	300	309	323	4.5	7,228	7,538	8,041	63	Fault	28	30	31	2.1	8,329	9,284	9,660	26
Union	271	295	308	4.9	8,145	8,759	9,170	46	Grant	80	85	90	6.6	8,909	9,224	9,700	27
Venango	636	661	647	-2.1	9,860	10,168	10,024	30	Gregory	49	52	52	1	8,121	8,680	8,548	49
Warren	458	472	476	9	9,545	9,854	10,026	29	Haakon	28	27	30	11.9	10,176	9,703	10,598	11
Washington	2,190	2,267	2,326	2.6	10,115	10,431	10,712	17	Hamlin	44	43	45	2.4	8,386	8,392	8,445	52
Wayne	305	324	349	7.1	8,525	8,904	9,376	41	Hand	44	48	51	7.3	8,958	9,978	10,562	11
Westmoreland	3,971	4,132	4,240	2.6	10,123	10,562	10,822	13	Hanson	26	26	24	-6.0	7,606	7,623	7,248	60
Wyoming	210	224	240	7.0	7,927	8,385	8,890	51	Harding	18	15	17	15.8	10,866	8,810	10,068	21
York	3,173	3,366	3,536	5.1	10,044	10,620	11,120	12	Hughes	143	151	160	5.7	9,915	10,475	11,047	5
Rhode Island	9,751	10,422	11,173	7.2	10,242	10,937	11,694	.....	Hutchinson	31	34	35	8.1	8,244	8,204	8,445	53
Metropolitan portion	8,900	9,493	10,171	7.1	10,231	10,915	11,674	.....	Hyde	22	22	22	8.6	9,162	10,239	10,506	13
Nonmetropolitan portion	852	929	1,003	7.9	10,362	11,168	11,903	.....	Jackson	23	22	25	15.7	7,124	6,747	7,336	58
Bristol	530	566	610	7.8	11,272	12,074	12,930	1	Jerauld	21	22	22	1.1	7,278	7,673	7,891	53
Kent	1,670	1,791	1,926	7.5	10,789	11,546	12,324	2	Jones	16	16	19	16.6	11,089	11,085	12,782	2
Newport	852	929	1,003	7.9	10,362	11,168	11,903	3	Kingsbury	62	64	68	5.5	9,198	9,645	10,245	18
Providence	5,713	6,074	6,491	6.9	9,963	10,616	11,359	5	Lake	96	99	103	4.0	8,910	9,115	9,471	30
Washington	987	1,062	1,144	7.6	10,419	11,111	11,869	4	Lawrence	165	165	184	11.7	8,953	8,835	9,735	25
South Carolina	25,996	27,765	29,923	7.8	8,158	8,605	9,168	.....	Lincoln	142	135	146	8.1	10,247	9,765	10,520	12
Metropolitan portion	16,683	17,856	19,295	8.1	8,732	9,228	9,866	.....	Lyman	39	33	38	13.5	8,623	8,917	9,860	23
Nonmetropolitan portion	9,313	9,909	10,628	7.3	7,299	7,671	8,125	.....	McCook	51	54	55	2.2	8,167	8,515	8,834	46
Abbeville	155	162	174	7.2	6,820	7,175	7,642	30	McPherson	34	37	38	2.8	8,580	9,479	9,906	22
Aiken	945	1,040	1,117	7.4	8,796	9,560	10,172	6	Marshall	43	44	48	9.9	7,971	8,266	9,310	34
Allendale	58	64	64	-5	5,653	6,221	5,889	45	Meade	181	189	189	3	8,645	9,000	9,045	40
Anderson	1,079	1,141	1,224	7.3	7,924	8,319	8,886	16	Mellette	15	16	17	9.1	6,838	7,022	7,289	59
Bamberg	106	113	116	3.2	5,889	6,229	6,347	42	Miner	31	33	33	2	8,213	9,054	8,888	45
Barnwell	147	157	168	6.8	7,377	7,901	8,416	21	Minnehaha	1,164	1,245	1,342	7.8	10,521	11,081	11,742	3
Beaufort	694	760	820	7.9	9,997	10,140	10,676	3	Moody	61	56	62	9.7	9,140	8,288	9,033	42
Berkeley	701	775	836	8.0	7,031	7,498	7,957	26	Pennington	670	720	776	7.8	9,507	9,895	10,711	8
Calhoun	88	95	98	3.7	7,602	8,021	8,001	24	Perkins	46	44	50	15.1	9,887	9,529	10,620	9
Charleston	2,490	2,686	2,885	7.4	8,685	9,281	9,879	7	Potter	37	37	42	12.6	9,640	9,971	11,208	4
Cherokee	324	331	359	8.6	7,865	8,095	8,741	19	Roberts	83	87	94	8.4	7,600	7,903	8,534	50
Chester	243	255	277	8.6	7,922	8,269	8,967	14	Sanborn	27	27	26	-3.1	8,471	8,520	8,511	51
Chesterfield	264	280	305	8.9	6,895	7,351	7,980	25	Shannon	37	37	39	4.7	3,209	3,322	3,294	66
Clarendon	151	166	170	2.4	5,458	5,936	5,964	44	Spink	81	88	92	3.9	8,994	9,709	10,170	20
Colleton	201	215	229	7.0	6,253	6,651	6,998	38	Stanley	24	23	27	16.8	9,539	9,501	10,437	15
Darlington	443	464	492	6.1	7,034	7,248	7,700	28	Sully	25	24	27	13.9	12,920	12,652	14,982	1
Dillon	183	192	202	5.3	5,794	6,043	6,355	41	Todd	36	36	39	8.8	4,873	4,950	5,011	65
Dorchester	500	544	596	9.4	8,059	8,431	8,880	17	Tripp	64	66	69	4.4	8,939	9,464	9,400	32
Edgefield	116	133	130	-2.5	6,570	7,505	7,391	33	Turner	90	89	94	5.7	9,922	9,791	10,211	19
Fairfield	131	139	151	8.0	6,329	6,738	7,232	35	Union	111	106	113	6.1	10,086	9,776	10,394	16
Florence	878	919	973	6.3	7,843	8,161	8,639	20	Walworth	64	66	70	5.5	9,321	9,711	10,309	17
Georgetown	306	328	382	16.2	7,035	7,480	8,382	22	Yankton	170	174	183	5.2	8,939	9,159	9,566	29
Greenville	2,796	2,991	3,219	7.6	9,550	10,114	10,772	2	Ziebach	17	17	19	9.1	7,500	7,550	7,398	57
Greenwood	500	524	566	8.2	8,491	8,798	9,490	11	Tennessee	39,468	41,960	44,580	6.2	8,525	9,013	9,515	.....
Hampton	130	136	141	4.0	7,011	7,296	7,557	31	Metropolitan portion	27,880	29,682	31,616	6.5	9,288	9,819	10,411	.....
Horry	858	944	1,046	10.8	8,070	8,597	9,139	12	Nonmetropolitan portion	11,588	12,278	12,964	5.6	7,119	7,520	7,664	.....
Jasper	91	100	108	8.8	6,493	6,958	7,133	36	Anderson	666	700	736	5.2	9,816	10,257	10,769	5
Kershaw	341	361	394	9.1	8,570	9,000	9,731	9	Bedford	226	231	248	7.0	8,119	8,220	8,763	27
Lancaster	411	423	453	6.9	7,558	7,718	8,222	23	Benton	113	118	126	6.7	7,577	7,811	8,229	41
Laurens	418	437	465	6.5	7,869	8,260	8,827	18	Bledsoe	53	57	60	4.8	5,670	6,109	6,306	79
Lee	106	120	122	1.9	5,655	6,398	6,476	39	Blount	684	747	790	5.7	8,716	9,410	9,802	9
Lexington	1,349	1,477	1,612	9.1	9,309	10,025	10,870	1	Bradley	540	577	633	9.7	7,942	8,405	9,106	21
McCormick	45	48	51	5.2	6,097	6,542	6,475	40	Campbell	218	224	233	4.0	6,171	6,333	6,552	74
Marion	219	236	249	5.4	6,360	6,820	7,130	37	Cannon	76	80	83	3.9	7,315	7,573	7,859	44
Marlboro	183	189	192	1.8	5,706	5,812	5,814	46	Carroll	222	234	240	2.6	7,901	8,366	8,530	32
Newberry	275	292	309	5.9	8,723	9,249	9,787	7	Carter	330	348	355	2.0	6,481	6,803		

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Haywood	126	123	128	3.8	6,205	6,045	6,224	80	Carson	79	91	93	2.4	11,413	12,529	12,574	26
Henderson	139	146	149	2.0	6,470	6,776	6,880	68	Cass	237	250	264	5.4	7,913	8,184	8,637	207
Henry	239	245	262	7.2	8,252	8,388	8,909	24	Castro	82	68	94	37.5	7,778	6,506	9,009	196
Hickman	107	111	119	7.2	6,952	7,273	7,549	54	Chambers	198	205	204	-5	11,089	11,154	10,977	98
Houston	48	51	55	6.8	6,887	7,242	7,810	46	Cherokee	322	359	381	6.3	8,371	9,164	9,588	169
Humphreys	132	131	136	3.3	8,176	8,093	8,470	33	Childress	59	68	71	4.5	8,505	9,640	10,263	138
Jackson	48	51	53	3.6	5,107	5,514	5,624	91	Clay	103	111	111	2	10,836	11,501	11,443	66
Jefferson	223	239	250	4.7	6,996	7,385	7,688	50	Cochran	49	46	51	10.1	10,237	9,447	10,617	115
Johnson	87	89	92	3.3	6,275	6,386	6,586	73	Coke	31	34	35	1.8	9,518	10,377	10,366	130
Knox	2,960	3,212	3,355	4.5	9,152	9,802	10,368	6	Coleman	91	97	100	3.3	8,656	9,175	9,392	182
Lake	45	47	46	-2.5	6,060	6,061	5,992	93	Collin	1,899	2,175	2,445	12.4	12,322	13,141	13,857	10
Lauderdale	156	159	166	4.5	6,437	6,493	6,787	69	Collingsworth	36	36	44	21.3	7,944	8,052	9,930	158
Lawrence	259	269	291	8.2	7,577	7,909	8,466	35	Colorado	186	203	213	4.5	9,668	10,260	10,561	118
Lewis	52	54	57	6.8	5,162	5,236	5,683	90	Comal	428	476	521	9.3	11,299	12,009	12,518	27
Lincoln	184	192	203	5.8	7,032	7,357	7,825	45	Comanche	115	119	128	7.4	9,127	9,302	9,955	156
Loudon	264	281	292	3.9	9,069	9,309	9,697	11	Concho	21	23	26	14.0	7,922	7,960	8,859	202
McMinn	318	337	360	6.8	7,514	7,937	8,432	36	Cooke	303	331	326	-1.8	10,860	11,569	11,225	73
McNairy	147	156	165	6.1	6,454	6,772	7,122	63	Coryell	421	481	513	6.7	7,372	8,208	8,864	201
Macon	113	122	125	2.3	7,038	7,609	7,784	47	Cottle	25	28	32	13.9	8,865	9,889	11,562	61
Madison	619	659	713	8.2	8,193	8,815	9,444	15	Crane	58	66	64	-3.6	11,972	12,994	12,064	39
Marion	175	181	190	4.9	7,100	7,357	7,750	48	Crockett	57	61	61	-1.6	11,560	11,934	11,726	52
Marshall	150	167	184	10.0	7,575	8,442	9,228	18	Crosby	70	61	84	38.2	7,907	6,952	9,723	166
Mauzy	419	449	463	2.9	8,131	8,722	8,918	23	Culberson	28	26	27	5.5	8,429	7,977	8,191	223
Meigs	52	54	58	6.5	7,088	7,350	7,472	57	Dallas	59	64	78	21.0	8,914	9,846	11,348	46
Monroe	159	170	180	5.6	5,502	5,822	6,059	88	Dallas	20,546	22,585	24,627	9.0	12,856	13,739	14,595	7
Montgomery	698	726	772	6.3	8,164	8,134	8,772	26	Dawson	174	194	200	3.5	10,749	11,751	12,217	37
Moore	33	37	39	4.3	7,316	8,184	8,618	29	De Witt	165	168	183	8.9	7,816	8,271	8,955	193
Morgan	94	100	105	4.6	5,503	5,906	6,093	86	Delta	44	47	50	6.9	9,115	9,708	10,346	133
Obion	278	291	316	8.8	8,439	8,853	9,749	10	Denton	1,802	2,051	2,312	12.8	11,687	12,331	12,970	17
Overton	97	104	109	4.6	5,522	5,968	6,123	83	Dickens	166	186	187	7	8,638	9,416	9,453	178
Perry	40	43	48	11.4	6,532	6,860	7,588	53	Dimmit	25	22	27	19.9	6,977	6,449	7,853	230
Pickett	23	24	25	2.4	5,201	5,368	5,567	92	Donley	69	69	73	5.6	5,786	5,776	6,069	247
Polk	90	95	103	8.3	6,616	7,004	7,529	55	Duval	40	41	46	11.5	9,540	9,788	10,693	113
Putnam	343	377	408	8.4	7,053	7,647	8,242	40	Duval	94	101	97	-4.5	7,452	7,851	7,419	237
Rhea	179	198	214	8.1	7,375	8,119	8,666	28	Eastland	169	189	191	8	8,433	9,239	9,260	187
Roane	409	437	462	5.6	8,427	8,928	9,338	16	Ector	1,523	1,687	1,578	-6.5	12,264	12,478	11,512	63
Robertson	304	317	323	1.9	8,139	8,480	8,554	31	Edwards	18	19	24	25.6	8,702	9,247	11,447	64
Rutherford	739	811	880	8.5	8,533	9,033	9,693	12	Ellis	596	658	725	10.2	9,676	10,387	11,023	93
Scott	109	114	116	2.2	5,543	5,715	5,708	89	El Paso	3,675	3,931	4,232	7.7	7,413	7,753	8,290	217
Sequatchie	54	55	59	5.9	6,204	6,344	6,603	72	Erath	237	256	268	4.7	10,341	10,869	11,176	77
Sevier	330	361	379	4.9	7,745	8,265	8,561	30	Falls	139	151	157	4.3	7,725	8,287	8,562	209
Shelby	7,633	8,077	8,684	7.5	9,757	10,295	11,008	3	Fannin	214	225	238	5.6	8,824	9,270	9,740	165
Smith	103	109	112	2.3	6,889	7,449	7,622	52	Fayette	200	223	229	2.8	10,174	10,822	10,991	97
Stewart	61	65	67	2.7	7,043	7,481	7,677	51	Fisher	67	65	68	5.4	11,485	11,094	11,533	82
Sullivan	1,324	1,413	1,462	3.5	9,133	9,697	10,010	7	Floyd	102	77	98	27.7	10,490	9,023	10,472	125
Sumner	782	826	878	6.3	8,956	9,330	9,867	8	Fort Bend	19	20	21	3.1	9,145	9,597	10,087	146
Tipton	243	254	266	4.9	7,190	7,445	7,715	49	Franklin	1,940	2,230	2,375	6.5	13,525	13,914	13,394	12
Trousdale	53	53	52	-2.5	8,568	8,983	9,203	19	Freestone	133	152	165	8.6	8,671	9,472	9,801	162
Unicoi	122	131	133	2.1	7,393	7,879	8,011	43	Frio	90	94	97	2.3	6,443	6,631	6,741	243
Union	68	72	75	4.2	5,759	5,996	6,134	82	Gaines	120	112	131	16.7	9,031	8,183	9,427	180
Van Buren	26	28	29	5.9	5,501	5,845	6,100	84	Galveston	2,367	2,620	2,629	3	11,807	12,575	12,323	32
Warren	276	285	292	2.4	8,451	8,643	8,773	25	Garza	57	59	61	3.5	10,665	10,724	11,134	79
Washington	777	825	856	3.7	8,575	9,096	9,331	17	Gillespie	159	173	186	7.6	11,589	12,217	12,882	21
Wayne	83	87	93	7.3	5,908	6,148	6,530	75	Glasscock	23	26	26	1.4	13,341	13,475	13,974	2
Weakley	216	227	235	3.3	6,511	6,931	7,160	62	Goliad	58	55	58	-2	10,261	10,291	9,979	154
White	130	139	147	5.3	6,563	7,074	7,429	58	Gonzales	179	189	189	-2	10,356	10,350	10,297	136
Williamson	665	719	783	8.8	11,062	11,644	12,333	1	Gray	323	360	364	9	11,884	12,720	12,919	20
Wilson	520	519	559	7.7	9,198	9,086	9,590	13	Grayson	900	974	1,042	7.0	9,841	10,521	11,148	78
Texas	159,248	174,418	183,753	5.4	10,807	11,378	11,686	.....	Gregg	1,169	1,327	1,327	2.6	11,236	11,753	11,852	45
Metropolitan portion	132,134	145,230	153,113	5.4	11,245	11,854	12,162	.....	Grimes	143	159	151	-4.5	9,949	10,136	9,244	189
Nonmetropolitan portion	27,114	29,188	30,639	5.0	9,081	9,485	9,778	.....	Guadalupe	422	476	516	8.4	8,782	9,679	10,045	149
Anderson	333	395	405	2.6	8,231	9,213	9,202	191	Hale	344	327	374	14.5	9,077	8,669	10,024	150
Andrews	165	199	194	-2.6	11,828	13,260	12,590	25	Hall	43	48	54	12.5	7,916	8,975	10,143	141
Angelina	597	652	662	1.5	9,049	9,622	9,721	167	Hamilton	61	68	73	7.5	7,394	8,223	8,796	203
Aransas	150	166	173	4.7	10,086	10,495	10,491	124	Hansford	69	67	70	4.8	10,874	10,354	10,823	105
Archer	87	92	92	-1	11,672	12,063	11,786	50	Hardeman	55	70	72	3.8	8,479	10,766	11,025	92
Armstrong	21	20	22	10.8	10,879	10,431	11,403	68	Hardin	405	427	438	2.8	9,673	9,956	10,017	152
Atascosa	204	224	234	4.7	8,018	8,551	8,727	206	Harris	34,538	37,819	37,834	.....	13,614	14,088	13,841	11
Austin	210	231	240	3.7	11,519	11,994	11,813	48	Harrison	463	513	529	3.1	8,616	9,178	9,340	185
Bailey	79	54	64	18.6	9,552	6,472	7,721	233	Hartley	31	28	34	20.7	7,889	7,239	8,881	200
Bandera	73	85	93	9.2	10,060	10,966	11,086	85	Haskell	82	74	81	9.8	10,750	9,584	10,507	123
Bastrop	231	251	277	10.5	8,751	8,917	9,453	178	Hays	340	339	439	12.9	8,021	8,819	9,388	183
Baylor	53	60	62	2.6	10,541	11,326	12,114	36	Hemphill	58	70	67	-3.6	10,418	11,482	11,040	89
Bee	197	220	225	2.5	7,5												

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Jones.....	173	189	200	5.6	9,947	10,581	11,009	95	Taylor.....	1,260	1,359	1,426	4.9	11,076	11,465	11,777	51
Karnes.....	124	130	132	1.4	9,120	9,377	9,471	175	Terrell.....	15	17	18	8.8	9,081	10,516	11,907	42
Kaufman.....	395	439	490	11.6	9,738	10,326	10,896	101	Terry.....	152	147	163	10.6	10,220	9,648	10,717	109
Kendall.....	131	148	163	10.0	11,373	12,696	13,146	15	Throckmorton.....	24	26	27	5.2	11,220	11,576	11,881	43
Kenedy.....	7	9	6	-29.8	12,498	16,726	11,637	56	Titus.....	216	237	253	6.8	9,896	10,426	11,007	96
Kent.....	10	10	10	1.2	9,405	8,602	8,891	198	Tom Green.....	906	1,020	1,088	6.7	10,324	11,181	11,580	60
Kerr.....	339	378	411	8.7	11,326	12,191	12,806	22	Travis.....	4,637	5,247	5,911	12.6	10,672	11,547	12,359	30
Kimble.....	35	40	44	9.1	8,814	10,008	10,930	100	Trinity.....	72	82	85	3.3	7,454	8,064	8,009	227
King.....	6	4	3	-18.9	15,975	10,025	8,196	222	Tyler.....	143	158	165	4.5	8,687	9,227	9,338	186
Kinney.....	18	19	22	15.9	7,880	8,273	9,537	172	Upshur.....	229	256	263	2.6	7,681	8,043	7,979	228
Kleberg.....	277	286	306	6.9	8,174	8,268	8,891	198	Upton.....	51	57	57	1.1	10,654	10,997	10,625	114
Knox.....	52	48	52	9.0	9,740	8,724	9,582	170	Uvalde.....	156	177	189	7.3	6,853	7,651	8,178	224
Lamar.....	357	392	426	8.8	8,403	9,186	9,798	163	Val Verde.....	234	256	277	8.2	6,352	6,735	7,113	238
Lamb.....	179	169	206	22.1	9,535	9,062	11,222	74	Van Zandt.....	289	319	349	9.4	8,982	9,498	9,942	157
Lampasas.....	102	120	131	9.3	8,585	9,823	10,364	132	Victoria.....	835	921	902	-2.1	11,660	12,342	11,928	41
La Salle.....	32	34	34	-9	5,653	5,866	5,835	252	Walker.....	300	370	394	6.3	6,765	7,901	8,105	225
Lavaca.....	173	188	192	2.0	8,929	9,494	9,669	168	Waller.....	197	223	233	4.4	9,479	10,272	10,097	145
Lee.....	124	127	125	-1.0	10,374	9,734	9,560	171	Ward.....	160	175	165	-5.6	11,046	11,119	10,407	128
Leon.....	99	112	116	3.1	9,886	10,553	10,200	140	Washington.....	245	275	294	6.9	10,609	11,319	11,810	49
Liberty.....	511	556	573	2.9	10,392	10,681	10,552	120	Webb.....	628	672	668	-6	6,028	6,174	6,017	248
Limestone.....	158	176	196	11.5	7,655	8,371	9,022	195	Wharton.....	383	403	413	2.4	9,400	9,675	9,798	163
Lipscomb.....	37	48	47	-8	9,462	11,287	11,211	75	Wheeler.....	70	83	81	-2.2	9,652	10,514	10,306	135
Live Oak.....	94	96	90	-6.5	9,475	9,628	9,168	192	Wichita.....	1,404	1,510	1,538	1.5	11,302	11,835	11,970	40
Llano.....	114	125	135	8.6	11,160	11,689	12,069	38	Wilbarger.....	165	186	196	5.0	10,330	11,548	12,100	37
Loving.....	2	3	3	-7.4	26,871	29,116	26,667	1	Willacy.....	104	94	107	14.2	5,864	5,227	5,862	251
Lubbock.....	2,066	2,219	2,439	9.9	9,690	10,289	11,123	80	Williamson.....	823	908	1,031	13.6	10,072	10,421	11,053	87
Lynn.....	83	63	80	26.8	9,901	7,596	9,856	159	Wilson.....	124	136	136	4.6	7,347	7,550	7,668	234
McCulloch.....	77	82	88	7.7	8,772	9,358	10,014	153	Winkler.....	114	128	115	-9.8	10,991	11,320	10,265	137
McLennan.....	1,643	1,799	1,950	8.4	9,604	10,252	10,958	99	Wise.....	278	306	329	7.6	10,190	10,708	11,096	83
McMullen.....	9	12	11	-2.4	11,922	14,736	14,042	9	Wood.....	242	272	279	2.4	9,606	10,346	10,137	142
Madison.....	80	96	97	.9	7,348	8,370	8,283	218	Yoakum.....	101	118	121	3.0	12,026	13,550	13,258	14
Marion.....	66	73	74	2.6	6,359	6,698	6,785	242	Young.....	234	255	260	1.7	11,909	12,558	12,711	24
Martin.....	75	82	86	4.7	15,708	15,984	16,367	4	Zapata.....	42	47	48	2.0	5,871	6,271	6,156	246
Mason.....	32	27	31	12.9	8,667	7,393	8,368	214	Zavala.....	62	63	72	14.1	5,245	5,307	5,963	250
Matagorda.....	345	360	355	-1.2	9,051	9,710	9,369	184	Utah.....	12,703	13,693	14,575	6.4	8,338	8,714	9,005	.....
Maverick.....	121	124	138	11.2	3,627	3,596	3,849	253	Metropolitan portion.....	10,034	10,793	11,541	6.9	8,533	8,937	9,294	.....
Medina.....	186	201	213	6.2	7,928	8,404	8,749	204	Nonmetropolitan portion.....	2,669	2,900	3,034	4.6	7,679	7,972	8,053	.....
Menard.....	21	22	25	13.2	8,838	9,565	10,708	112	Beaver.....	29	30	34	13.4	6,454	6,239	6,830	23
Midland.....	1,446	1,682	1,659	-1.4	16,149	16,805	15,507	5	Box Elder.....	278	305	324	6.0	8,272	8,676	9,015	6
Milam.....	213	228	242	6.4	9,309	9,828	10,249	139	Cache.....	410	435	470	8.0	6,844	6,998	7,459	16
Mills.....	42	47	52	10.0	9,484	10,563	11,698	53	Carbon.....	225	259	243	-6.2	9,833	10,647	9,753	5
Mitchell.....	90	91	101	10.3	9,826	9,807	10,863	104	Daggett.....	6	6	6	5.2	6,433	6,326	6,852	22
Montague.....	167	182	186	2.1	9,463	9,963	10,079	147	Davis.....	1,252	1,363	1,456	6.8	8,148	8,523	8,826	8
Montgomery.....	1,908	2,093	2,156	3.0	13,654	12,925	12,438	29	Duchess.....	111	118	126	6.9	8,443	8,368	8,108	13
Moore.....	173	174	194	11.3	10,251	10,076	11,046	88	Emery.....	95	117	110	-6.4	7,776	8,643	7,815	15
Morris.....	172	170	155	-8.8	11,445	10,930	10,050	148	Garfield.....	29	30	30	2.0	3,832	7,523	7,283	18
Motley.....	13	12	13	8.7	7,043	6,300	6,920	240	Grand.....	76	77	72	-6.9	9,017	9,371	8,794	9
Nacogdoches.....	388	427	456	6.8	8,134	8,772	9,245	188	Iron.....	119	129	139	8.0	6,604	6,904	7,259	19
Navarro.....	341	375	400	6.8	9,368	10,076	10,554	119	Juab.....	40	39	41	5.1	6,959	6,739	6,910	21
Newton.....	101	102	105	2.4	7,325	7,433	7,532	236	Kane.....	32	36	37	3.1	7,702	8,410	8,360	12
Nolan.....	185	197	205	3.9	10,526	10,983	11,296	70	Millard.....	60	68	83	22.6	6,330	6,445	7,168	20
Nueces.....	2,764	3,031	3,139	3.5	10,040	10,605	10,742	108	Morgan.....	46	49	52	5.5	9,169	9,633	9,856	4
Ochiltree.....	130	139	134	-3.6	12,790	12,639	12,350	31	Plute.....	9	9	9	1.2	6,968	6,469	5,851	27
Oldham.....	21	24	24	2.4	9,042	10,613	9,970	155	Rich.....	13	15	15	-1	5,996	5,812	5,781	28
Orange.....	827	855	878	2.6	9,605	10,710	10,595	116	Salt Lake.....	5,990	6,482	6,954	7.3	9,278	9,775	10,144	2
Palo Pinto.....	252	267	284	6.3	10,182	10,496	11,253	72	San Juan.....	68	67	71	5.1	5,494	5,496	5,652	29
Panola.....	185	191	197	3.1	8,616	8,440	8,561	210	Sanpete.....	84	96	103	7.7	5,539	6,087	6,258	25
Parker.....	457	511	560	9.6	9,737	10,538	11,012	94	Sevier.....	121	130	139	7.3	7,943	8,411	8,637	10
Parmer.....	99	80	103	29.0	8,964	7,272	9,474	174	Summit.....	114	121	130	7.3	10,627	10,627	10,856	1
Pecos.....	149	163	158	-3.1	9,524	9,969	9,459	177	Tooele.....	229	243	257	5.8	8,423	8,713	9,002	7
Polk.....	201	227	240	6.1	7,977	8,612	8,604	208	Uintah.....	201	228	231	1.0	9,183	9,156	8,606	11
Potter.....	1,033	1,091	1,160	6.3	10,335	10,692	11,111	81	Utah.....	1,451	1,501	1,588	5.8	8,381	8,642	8,741	24
Presidio.....	39	40	42	5.6	7,547	7,661	7,767	232	Wasatch.....	71	74	74	.1	7,825	7,933	7,854	14
Rains.....	43	48	51	4.8	8,641	9,190	9,202	190	Washington.....	191	210	229	9.0	6,910	7,111	7,374	17
Randall.....	874	989	1,059	7.1	11,332	12,456	12,961	18	Wayne.....	12	11	13	10.6	5,763	5,503	5,895	26
Reagan.....	49	51	54	6.2	11,260	10,783	11,187	76	Weber.....	1,341	1,447	1,543	6.6	8,989	9,545	9,910	3
Real.....	15	17	18	6.5	5,694	6,284	6,208	245	Vermont.....	4,658	4,949	5,231	5.7	9,032	9,516	9,957	.....
Red River.....	111	122	127	3.4	6,859	7,603	7,810	231	Metropolitan portion.....	1,210	1,296	1,381	6.5	9,915	10,521	11,151	.....
Reeves.....	137	120	136	13.6	8,630	7,317	8,427	212	Nonmetropolitan portion.....	3,448	3,653	3,850	5.4	8,758	9,204	9,589	.....
Refugio.....	98	105	102	-3.4	10,483	11,297	11,037	90	Addison.....	233	248	257	3.8	7,875	8,206	8,346	11
Roberts.....	13	14	13	-4.9	11,062	11,010	10,772	107	Bennington.....	318	336	359	6.7	9,425	9,844	10,463	3
Robertson.....	114	119	129	8.6	7,678	7,721	8,303	216	Caledonia.....	202	215	226	5.0	7,827	8,308	8,623	10

Table 2.—Total Personal Income and Per Capita Personal Income by County, 1981-83—Continued

Area title	Total personal income				Per capita personal income				Area title	Total personal income				Per capita personal income			
	Millions of dollars			Percent change ¹	Dollars			Rank in State		Millions of dollars			Percent change ¹	Dollars			Rank in State
	1981	1982	1983		1981	1982	1983			1981	1982	1983		1981	1982	1983	
Augusta.....	435	459	494	7.6	8,036	8,529	9,162	81	Chesapeake.....	1,114	1,217	1,323	8.7	9,521	10,148	10,855	47
Bath.....	39	51	58	13.4	7,254	9,711	10,439	55	Clifton Forge.....	51	54	59	7.7	10,284	11,329	12,089	19
Bedford.....	305	316	340	7.6	8,510	8,699	9,306	79	Colonial Heights.....	210	224	250	11.5	12,460	13,069	14,387	8
Bland.....	37	39	45	13.8	5,754	6,095	6,851	134	Covington.....	85	88	95	8.0	9,770	10,513	11,272	38
Botetourt.....	203	214	232	8.4	8,569	9,103	9,877	66	Danville.....	425	456	489	7.2	9,352	10,170	11,018	43
Brunswick.....	103	106	114	8.1	6,625	6,721	7,294	128	Emporia.....	49	53	56	6.5	9,823	10,722	11,680	30
Buchanan.....	332	341	324	-5.0	8,739	8,921	8,496	97	Fairfax.....	342	372	409	9.9	16,498	18,180	19,582	4
Buckingham.....	73	77	85	10.5	6,170	6,661	7,170	129	Falls Church.....	186	200	218	9.0	19,555	21,360	23,161	1
Campbell.....	412	429	453	5.5	8,997	9,344	9,843	68	Franklin.....	77	84	93	10.7	10,846	12,127	12,881	13
Caroline.....	143	152	160	5.1	7,984	8,331	8,602	93	Fredericksburg.....	175	190	223	17.7	11,243	12,213	12,015	21
Carroll.....	171	177	194	9.3	6,226	6,348	6,741	135	Galax.....	61	67	73	8.6	9,212	10,282	11,127	41
Charles City.....	55	58	60	3.9	8,209	8,602	8,905	89	Hampton.....	1,189	1,299	1,409	8.4	9,605	10,383	11,142	40
Charlotte.....	85	87	93	7.0	7,006	7,202	7,616	120	Harrisonburg.....	180	207	227	9.9	8,974	9,134	9,943	38
Chesterfield.....	1,753	1,877	1,986	5.8	11,777	12,315	13,093	12	Hopewell.....	236	254	284	11.9	9,914	10,565	11,586	32
Clarke.....	100	105	111	6.4	10,133	10,460	10,858	46	Lexington.....	63	66	72	8.2	8,858	9,347	10,196	56
Craig.....	31	33	36	8.3	8,097	8,481	9,137	83	Lynchburg.....	694	744	784	5.3	10,321	11,042	11,715	28
Culpeper.....	206	216	231	6.9	9,012	9,477	9,934	64	Manassas.....	205	231	251	9.0	12,434	13,462	14,496	6
Cumberland.....	46	48	51	7.4	5,808	6,073	6,468	136	Manassas Park.....	59	63	72	14.2	8,859	9,541	10,130	58
Dickenson.....	148	159	162	1.9	7,429	7,873	7,972	113	Martinsville.....	178	197	212	7.4	9,781	10,868	11,777	27
Dinwiddie.....	174	170	184	8.2	7,765	7,732	8,417	110	Newport News.....	1,505	1,647	1,771	7.5	10,175	10,878	11,577	33
Essex.....	68	72	72	1.3	7,698	8,150	8,162	118	Norfolk.....	2,491	2,686	2,862	6.5	9,113	10,053	10,546	53
Fairfax.....	9,589	10,655	11,636	9.2	15,484	16,687	17,931	5	Norton.....	48	52	53	1.7	10,364	11,191	11,414	36
Fauquier.....	388	425	459	8.0	10,589	11,341	11,979	23	Petersburg.....	416	440	493	12.2	10,265	10,917	11,362	24
Floyd.....	72	76	83	8.4	6,052	6,485	7,071	131	Poquoson.....	98	108	115	6.4	10,666	11,423	11,932	25
Fluvanna.....	76	81	88	8.3	7,364	7,870	8,197	108	Portsmouth.....	973	1,071	1,141	6.5	9,312	10,113	10,873	52
Franklin.....	241	249	277	11.1	6,683	6,931	7,447	119	Radford.....	104	116	127	9.5	7,692	8,852	9,730	72
Frederick.....	307	329	355	8.0	8,922	9,324	10,100	59	Richmond.....	2,622	2,843	3,056	7.5	12,006	13,013	13,817	11
Giles.....	140	149	154	3.5	7,845	8,372	8,648	92	Roanoke.....	994	1,075	1,170	8.8	9,917	10,714	11,674	31
Glocester.....	194	212	231	8.9	9,215	9,631	10,055	60	Salem.....	244	268	295	10.2	10,212	11,147	12,102	18
Goochland.....	123	132	141	6.9	10,318	10,887	11,507	35	South Boston.....	63	71	76	7.2	8,953	10,011	10,679	51
Grayson.....	108	110	118	7.4	6,479	6,607	7,085	130	Staunton.....	208	233	252	8.2	9,518	10,556	11,396	37
Greene.....	59	64	68	7.1	7,542	7,970	8,316	106	Suffolk.....	419	448	472	6.0	8,856	9,353	9,775	70
Greensville.....	69	73	75	3.7	6,268	6,733	6,961	133	Virginia Beach.....	3,044	3,421	3,744	9.4	11,112	12,094	12,692	14
Halifax.....	212	215	226	4.8	7,011	7,187	7,603	121	Waynesboro.....	160	170	186	9.3	10,477	11,213	12,047	20
Hanover.....	564	613	658	7.5	11,018	11,963	12,650	15	Williamsburg.....	125	140	156	11.5	12,317	13,925	14,493	7
Henrico.....	2,312	2,523	2,699	7.0	12,551	13,563	14,314	9	Winchester.....	211	234	256	9.3	10,373	11,524	12,406	17
Henry.....	479	493	537	8.8	8,380	8,726	9,233	78	Washington.....	47,600	49,952	52,301	4.7	11,239	11,682	12,162	.....
Highland.....	22	25	27	7.9	8,002	9,359	9,845	67	Metropolitan portion.....	39,255	41,284	43,149	4.5	11,500	11,962	12,427	.....
Isle of Wight.....	210	224	240	6.8	9,561	10,156	10,467	54	Nonmetropolitan portion.....	8,345	8,668	9,153	5.6	10,155	10,507	11,050	.....
James City.....	229	248	262	5.9	9,650	10,195	10,922	45	Adams.....	160	160	181	13.3	12,085	12,032	13,463	5
King and Queen.....	48	49	50	1.7	8,015	8,426	8,554	95	Asotin.....	165	168	182	8.3	9,722	9,860	10,601	28
King George.....	101	109	116	6.3	9,523	10,168	10,845	43	Benton.....	1,425	1,451	1,458	5.2	12,616	12,428	12,742	7
King William.....	93	99	104	4.6	9,767	10,305	10,699	50	Chelan.....	494	511	541	5.9	10,711	11,028	11,592	13
Lancaster.....	104	114	118	4.0	10,223	11,001	11,561	34	Clallam.....	522	539	570	5.7	10,028	10,481	11,054	19
Lee.....	174	183	184	5.6	6,635	6,934	6,996	132	Clark.....	1,977	2,035	2,145	5.4	10,045	10,184	10,610	27
Loudoun.....	722	789	866	9.8	12,345	13,318	14,137	10	Columbia.....	58	56	65	15.0	14,388	13,938	16,213	3
Louisa.....	145	156	167	7.1	8,093	8,541	9,047	86	Cowlitz.....	844	853	902	5.7	10,569	10,754	11,424	15
Lunenburg.....	87	89	94	5.9	7,142	7,319	7,687	118	Douglas.....	219	233	253	8.9	9,734	10,187	11,027	20
Madison.....	68	74	79	6.8	6,656	7,343	7,561	123	Ferry.....	43	43	44	8	7,312	7,306	7,394	39
Mathews.....	68	73	79	7.1	8,357	8,863	9,571	74	Franklin.....	385	396	405	2.3	10,475	10,824	11,148	17
Mecklenburg.....	225	232	248	7.1	7,740	7,962	8,384	104	Garfield.....	37	38	43	14.9	15,028	15,447	17,632	1
Middlesex.....	61	64	69	7.1	7,818	8,165	8,591	94	Grant.....	436	463	496	7.1	8,912	9,357	9,813	33
Montgomery.....	443	482	521	8.1	6,886	7,458	7,775	109	Grays Harbor.....	753	777	753	-3.2	11,280	11,333	11,532	14
Nelson.....	84	90	97	7.6	6,864	7,283	7,775	117	Island.....	443	478	498	4.0	9,810	10,478	10,808	24
New Kent.....	90	98	105	6.9	10,058	10,626	11,050	42	Jefferson.....	173	180	189	5.4	10,384	10,642	10,876	23
Northampton.....	110	116	119	2.8	7,602	8,065	8,393	105	King.....	17,474	18,432	19,171	4.0	13,459	14,072	14,577	4
Northumberland.....	89	94	98	4.3	9,003	9,451	9,961	62	Kitsap.....	1,675	1,819	1,946	7.0	10,793	11,692	12,188	8
Nottoway.....	110	113	124	9.6	7,607	7,834	8,469	99	Kittitas.....	223	230	241	4.9	8,787	9,218	9,639	34
Orange.....	163	175	188	7.3	8,935	9,418	9,965	61	Klickitat.....	151	159	168	5.5	9,190	9,689	10,039	31
Page.....	141	153	165	7.9	7,300	7,901	8,437	101	Lewis.....	578	608	632	4.0	10,199	10,594	10,931	22
Patrick.....	117	122	132	8.1	6,667	6,987	7,453	125	Lincoln.....	141	142	167	18.1	14,622	14,653	17,638	2
Pittsylvania.....	459	459	489	6.4	6,914	6,903	7,367	126	Mason.....	239	305	318	4.2	8,296	9,258	9,317	36
Powhatan.....	109	119	127	6.9	8,362	9,054	9,578	73	Mason.....	302	320	344	7.5	8,607	10,064	10,642	34
Prince Edward.....	116	124	134	7.8	6,904	7,416	8,012	112	Okanogan.....	184	191	197	3.4	10,422	10,771	11,139	13
Prince George.....	190	198	216	7.2	7,110	7,126	7,849	115	Pacific.....	62	64	68	6.7	9,953	7,381	7,847	38
Prince William.....	1,653	1,833	2,016	10.0	10,844	11,686	12,562	16	Pend Oreille.....	5,073	5,385	5,613	4.2	10,089	10,570	11,010	21
Pulaski.....	262	274	300	9.3	7,423	7,758	8,428	102	Pierce.....	100	105	111	5.4	12,406	12,462	13,007	6
Rappahannock.....	56	67	61	7.3	8,653	9,564	9,915	65	San Juan.....	714	760	802	5.5	10,901	11,437	11,965	9
Richmond.....	52	62	64	4.1	8,164	8,337	9,162	81	Skagit.....	71	69	71	3.8	9,114	9,056	9,429	35
Roanoke.....	771	812	874	7.7	10,411	10,994	11,996	22	Skamania.....	3,831	4,041	4,238	4.9	10,923	11,376	11,699	12
Rockbridge.....	137	142	152	6.8	7,590	7,893	8,529	96	Snohomish.....	3,373	3,492	3,722	6.6	9,732	10,015	10,694	25
Rockingham.....	479	501	539	7.7	8,283	9,471	10,155	57	Sp								

An Indirect Technique for Measuring the Underground Economy

BECAUSE measurement of the underground economy is both elusive and important for an accurate portrayal of the Nation's economy, it is worth experimenting with a variety of approaches to measurement. This article describes a new, indirect technique for measuring underground income and applies it to the possible understatement of the growth of national income in the United States from 1949 to 1982.¹

The basic idea underlying the new indirect technique is that although there is little agreement about the size of the underground economy, there is widespread agreement about the industries in which much underground activity takes place. Working "off the books," underreporting tips, and similar activities do not take place in the steel industry or the telephone industry; they are thought to take place in the services, construction, and a few other industries. If, as is sometimes alleged, official estimates of national income have been missing a growing portion of the "suspect" industries because of the underground economy, then certain indicators for these industries ought to be declining relative to the same indicators for "well-measured" industries.

The first section of the article discusses the classification of industries into suspect, well measured, and intermediate. The second section develops a framework and proposes a set of indicators for comparing suspect,

well-measured, and intermediate industries. The third section reports regression results for 56 industries over 34 years. The section concludes with an estimate—subject to considerable uncertainty—that the underground economy caused the growth of national income in private domestic industries to be understated by an average of one-quarter of 1 percent per year from 1949 to 1982. The final section appraises this new estimate of understatement.

I. Classification of Industries

The underground economy refers to activities such as working "off the books," padding expense accounts, shoplifting, underreporting tips, or skimming (pocketing some part of cash register receipts). It also includes provision of prohibited goods and services through such activities as prostitution or narcotics dealing.²

The new indirect technique will be used to estimate only a portion of the 1949-82 growth of income derived from underground activities. The technique will not be used to estimate income that is excluded by definition from the national income and product accounts (NIPA's)—for example, income from the production of prohibited goods and services. Nor will it be used to estimate income that is missing from tax returns but that is included in current estimates of the NIPA's because of (a) use of source data other than tax returns and (b) current adjustments for misreporting where tax returns are used. What it will be used to measure is the growth of income that belongs in the NIPA's, that is not included in the current es-

timates, and that is concentrated in suspect industries.³

Three sources of information are in close agreement as to the industries in which underground activities are concentrated. The first is journalistic accounts of underground activities.⁴ Underground activities, according to these accounts, are heavily concentrated by industry in construction, agriculture, retail trade, and services. By type of firm, they are concentrated in small unincorporated enterprises. Occasionally, manufacturing and mining industries with a concentration of small enterprises, such as apparel manufacturing, are mentioned in this source.

The second source of information is the results by industry (unpublished) of Internal Revenue Service audits of a random sample of tax returns—the Taxpayer Compliance Measurement Program (TCMP) results for 1976. More than 80 percent of the understatement of either business receipts or profits detected by these audits was in the construction, retail trade, and services industries.

The third source of information, less direct than the first two, is NIPA estimates of employee compensation in noncorporate and corporate enterprises, by industry. The assumptions underlying the use of this source are (1) that the importance of noncorporate enterprises in an industry is correlated with the likelihood of underground activity, and (2) that employee

3. Carson, "Underground Economy," discusses the relation of the underground economy to the NIPA's on pp. 106-117. Parker, "Improved Adjustments," discusses the source data and adjustments for misreporting in current NIPA estimates, as well as presenting a set of new adjustments for misreporting for 1977.

4. See, for example, Jerry Knight, five-part series on the underground economy, business section, *Washington Post*, 21-24, 26 July 1981 (July 21, Sec. C, pp. 1-2; July 22, Sec. E, pp. 1-2; July 23, Sec. D, pp. 1,3; July 24, Sec. E, pp. 1,3; July 26, Sec. F, pp. 1,4); Irwin Ross, "Why the Underground Economy is Booming," *Fortune*, 9 October 1978, pp. 92-98; and "The Underground Economy," *U.S. News and World Report*, 22 October 1979, pp. 49-52.

2. Carson, "Underground Economy," discusses definitional problems on pp. 21-25.

NOTE.—Statistical assistance for this article was provided by Barbara Harrison and Alma Missouri.

1. This is the third article on the underground economy to appear in the *SURVEY OF CURRENT BUSINESS*. The first was Carol S. Carson, "The Underground Economy: An Introduction," in two parts: 64 (May 1984): 21-37, and 64 (July 1984): 106-117. The second was Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to Estimate the National Income and Product Accounts, 1977," 64 (June 1984): 17-25.

compensation for such enterprises is measured more accurately than other income components such as proprietors' income. These assumptions, supported by the first two sources, imply that the ratio of noncorporate employee compensation to total employee compensation in an industry should be an indicator of the likelihood of underground activity. Ratios were examined for 1968 and 1981, and they generally pointed to the same "suspect" industries as the first two sources.

The division of industries into three groups was based solely on the third source, because this source was more detailed and available for more years than the other sources and gives similar results. The industries that this source was used to classify are those shown for the most detailed annual estimates published in section 6 of the NIPA tables. They follow approximately two-digit standard industrial classification detail. There are 21 manufacturing industries and 39 other private domestic industries. Income originating in government and rest of the world was omitted from the analysis. Three industries in which a large and variable portion of national income is imputed—banking, credit agencies, and real estate—were omitted from the analysis because the imputations greatly affect certain of the comparisons to be presented below for reasons that have no relation to the underground economy. One other industry, holding companies and other investment companies, was omitted because its negative national income in a number of years is difficult to interpret in the framework of this article.

Suspect industries were defined as industries for which the ratio of noncorporate employee compensation to total employee compensation was more than 0.1 in either 1968 or 1981, or for which noncorporate employee compensation was more than 1 percent of economywide noncorporate employee compensation in either 1968 or 1981. These cutoffs were chosen so as to be consistent with the TCMP results and the journalistic accounts. The industries are:

Farms
Agricultural services, forestry, and fisheries
Construction
Lumber and wood products (manufacturing)
Trucking and warehousing

Wholesale trade
Retail trade
Security, commodity brokers, and services
Insurance agents, brokers, and services
Hotels and other lodging places
Personal services
Business services
Auto repair, services, and garages
Miscellaneous repair services
Motion pictures
Amusements and recreation services
Health services
Legal services
Educational services
Social services and membership organizations
Miscellaneous professional services
Private households

Intermediate industries were defined as those with ratios of noncorporate employee compensation to total employee compensation from 0.03 to 0.10 in either 1968 or 1981, except for those already classified as suspect (for example, an industry with a ratio of 0.095 in 1968 and 0.105 in 1981). These cutoffs were chosen so as to include as intermediate industries those occasionally, but not frequently, singled out in journalistic accounts. The industries are:

Metal mining
Coal mining
Oil and gas extraction
Nonmetallic minerals, except fuels
Furniture and fixtures
Food and kindred products
Apparel and other textile products
Printing and publishing
Miscellaneous manufacturing industries
Local and interurban passenger transit
Transportation services
Electric, gas, and sanitary services

The remaining industries were classified as well measured. These industries are:

Stone, clay, and glass products
Primary metal industries
Fabricated metal products
Machinery, except electrical
Electric and electronic equipment
Motor vehicles and equipment
Other transportation equipment
Instruments and related products
Tobacco manufactures
Textile mill products
Paper and allied products
Chemicals and allied products
Petroleum and coal products
Rubber and miscellaneous plastic products
Leather and leather products
Railroad transportation
Water transportation
Transportation by air
Pipelines, except natural gas

Telephone and telegraph
Radio and television broadcasting
Insurance carriers

In all, there are 22 industries in the well-measured group, 22 in the suspect group, and 12 in the intermediate group. In 1968, well-measured industries accounted for 35 percent of the published national income of all industries included in this analysis; intermediate industries accounted for 13 percent; and suspect industries accounted for 52 percent.

II. Framework of the Analysis

Decomposition of national income

The indicators to be compared among industries in the three groups are related to national income through the following identity, in which NI is national income, E is total employment, FTE is full-time equivalent employment, and C is employee compensation:

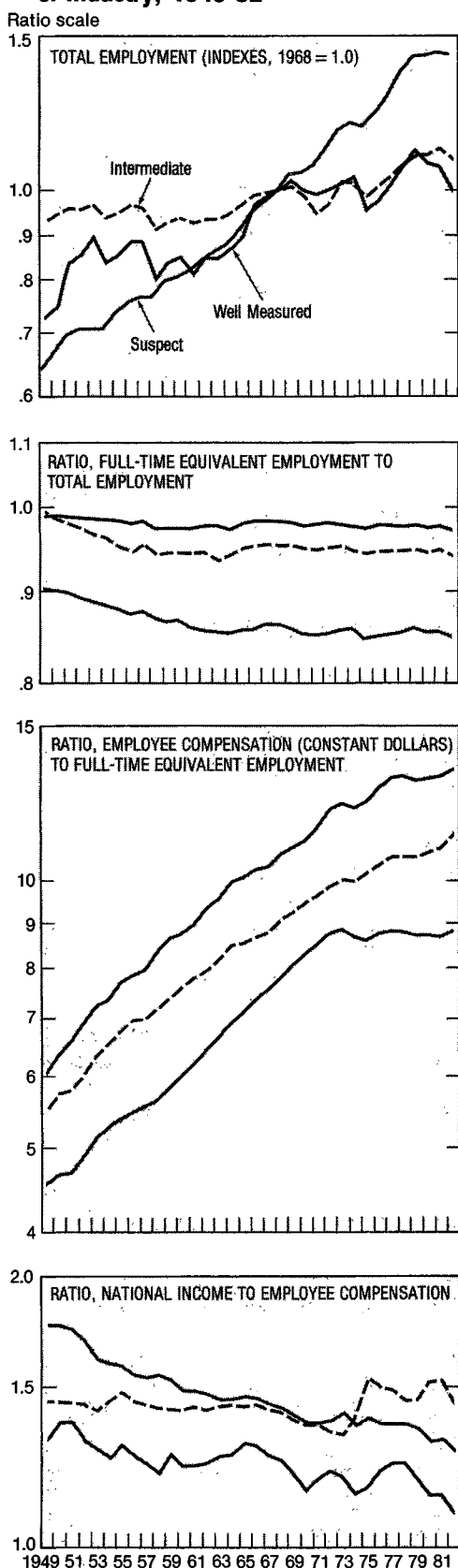
$$NI = E \times \frac{FTE}{E} \times \frac{C}{FTE} \times \frac{NI}{C}$$

National income originating in each industry is expressed in this identity as the product of four factors: Total employment, the ratio of full-time equivalent employment to total employment, employee compensation per full-time equivalent employee, and the ratio of total national income to compensation. *If the growth of national income in an industry is understated, then the growth of at least one of these four factors must be understated.* The next subsection will explain why only three of these four factors are used as indicators of understatement of income growth.

The four panels of chart 6 plot the four factors from 1949 through 1982 for well-measured, intermediate, and suspect industries in total.⁵ Table 1 shows average growth rates of the four factors for the three groups of industries. The chart and table offer a preliminary look at the data in summary form, although they do not reveal any of the industry detail or

5. One of the factors, compensation per full-time equivalent employee, is converted to constant dollars by dividing by the fixed-weighted price index for gross domestic business product. This conversion has no effect on relative movements of well-measured, intermediate, and suspect industries. It makes the chart easier to examine by permitting a wider vertical scale, and it also has advantages, discussed in the next section, for regression analysis.

CHART 6
Selected Indicators by Type of Industry, 1949-82



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

85-46

Table 1.—Average Annual Rates of Growth of Selected Aggregates by Type of Industry, 1949-82

	[Percent]		
	Well-measured industries	Intermediate industries	Suspect industries
Total employment	1.01	0.50	2.44
Ratios:			
Full-time equivalent employment to total employment	-.06	-.17	-.19
Employee compensation (constant dollars) to full-time equivalent employment	2.45	2.21	2.00
National income to employee compensation (current dollars)	-.57	-.01	-.98

NOTE.—See text for classification of industries into well measured, intermediate, and suspect.

the timepaths of any of the other variables that will enter the regression analysis. For employment, the chart makes clear that suspect industries as a group have grown much more rapidly than the other groups of industries—the opposite of what might be expected if growth in underground activities were large and heavily affected measured employment. For the other three factors, the chart indicates that suspect industries as a group have risen less, or declined more, than well-measured industries as a group. The regression analysis will provide a more refined estimate of this relative understatement by taking account, industry by industry, of influences on the three factors other than the possible growth of underground activity.

Omission of employment

Employment will be omitted from the regression analysis because it is not feasible to take systematic account of all the diverse forces that affect industry employment trends. These factors include changes in income and relative prices, foreign competition, and changes in input costs, competitive structure, and technology—as well as, perhaps, the underground economy. The omission of employment means that if surveys of employment are in fact increasingly understated, then the indirect measure in this article is also understated.

Evidence outside the framework of this article has been cited to indicate that underreported employment is an important source of growth in the underground economy, but the evidence is not convincing. One argument is that employment reported by business establishments, which comes from the

same source as important components of national income, has grown less rapidly than employment reported in sample surveys of households tied to Census estimates of total population. From 1970 to 1980, however, the difference in growth between these two estimates of employment can be entirely accounted for by the Census Bureau's own estimate of the higher degree of coverage in the 1980 than in the 1970 Census of Population.⁶ Another argument is that the declining labor force participation rate of males over the last two decades (in contrast to females) is attributable to increasing concealment of employment. One student of these trends, however, finds that changes in Federal disability insurance provisions probably account for much of the decline.⁷ A third argument is that illegal activities are increasing and that persons engaged in such activities may fail to report that they are employed. Illegal activities, however, are outside the scope of the NIPA's.

There is, in short, no solid evidence that employment in activities covered by the NIPA's is increasingly understated. A rapidly growing underground economy, however, can exist without any understatement of employment; journalistic examples abound in which hours of work or receipts are underreported, but employment is correctly reported.

Inclusion of other factors

For the three factors other than employment, it is possible by means of regression analysis to determine whether, holding other variables constant, suspect and intermediate industries tend to have lower rates of growth than well-measured industries. After this determination, the understatements of the various factors can be combined to provide an overall estimate of the understatement of the growth of national income.

To understand the implications of the regression analysis, it is impor-

6. Census undercounts in 1970 and 1980 are discussed in U.S. Department of Commerce, Bureau of the Census, *Coverage of the National Population in the 1980 Census by Age, Sex, and Race*, by Jeffrey S. Passel, Jacob S. Siegel, and J. Gregory Robinson, U.S. Census Current Population Reports, Series P-23, No. 115 (Washington, DC: Government Printing Office, February 1982).

7. See Donald O. Parsons, "The Decline in Male Labor Force Participation," *Journal of Political Economy* 88 (February 1980): 117-134; and "Racial Trends in Male Labor Force Participation," *American Economic Review* 70 (December 1980): 911-920.

tant to be clear about what the new measure is and is not designed to detect. What the measure is designed to detect is income unreported or underreported because of such activities as working "off the books," skimming, and the like. As mentioned earlier, the measure is not designed to detect income from the production of prohibited goods and services, nor is it designed to detect underground activities already included in the NIPA's because of use of source data other than tax returns or because of adjustments for underreporting where tax return data are used. Thus, the measure will clearly *not* reflect the large volume of activity unreported on tax returns but included in the NIPA's.⁸ Finally, the new technique is designed to detect only those underground activities that are concentrated in suspect industries. Padding of expense accounts is an example of an underground activity unlikely to be concentrated in suspect industries, and therefore not detected by the new technique.

III. Regression Analysis

The regression analysis is based on 56 industry observations for each year from 1949 through 1982, or 1,904 observations in all. The regressions weight observations for each industry by that industry's proportion of national income in 1972, so that the effect of an industry on the estimated coefficients depends on its size.⁹

There are three dependent variables: the logarithms of the ratio of full-time equivalent employment to total employment, the ratio of employee compensation to full-time equivalent employment, and the ratio

of national income to employee compensation. Logarithms of the ratios rather than the ratios themselves are the dependent variables because (a) estimated understatements of the ratios due to the underground economy can then simply be added rather than combined in a more complex way, and (b) for one ratio, compensation per full-time equivalent employee, specifying influences on rates of growth (implicit in a logarithmic specification) makes more sense than specifying influences on absolute changes.

Each dependent variable is related to (a) time trends, and (b) other influences that vary from one dependent variable to another. The time trends include one that takes on values of 1, 2, 3, etc., in successive years for each industry; a second that takes on these values only for industries in the intermediate group (it equals zero for all years for other industries); and a third that takes on these values only for industries in the suspect group (it equals zero for all years for other industries). The coefficients of the last two time trends indicate whether intermediate and suspect industries have grown at faster or slower rates than well-measured industries. Positive coefficients indicate faster growth than well-measured industries; negative coefficients, slower growth. The standard errors of these coefficients indicate whether the growth rate differentials depart significantly from what might be expected from a purely random assignment of industries into three groups.

The ratio of full-time equivalent employment to total employment

The first dependent variable is the logarithm of the ratio of full-time equivalent employment to total employment. It measures the importance of part-time work; the lower the variable, the more important part-time work. It will be sensitive to underground activity if such activity takes the form of underreporting the hours of part-time workers, or of misreporting full-time workers as part-time workers.¹⁰

The independent variables in the regression include variables to measure differentials in both level and growth between suspect and well-measured industries and between intermediate and well-measured industries.

Coefficients of a dummy variable equal to 1.0 for suspect industries and zero for other industries, and a similar variable for intermediate industries, measure average differences in levels between these industries and well-measured industries, after allowing for the other factors in the regression. Coefficients of time trends for suspect industries and for intermediate industries, described earlier, measure average differences in rates of growth between suspect and intermediate industries on the one hand and well-measured industries on the other, again after allowing for the influence of the other variables in the regression.

Apart from the underground economy, an important influence on employers in setting average hours is the state of demand for their output. When demand falls, employers will want to reduce labor input; and part of the reduction, especially if the reduction is viewed as temporary, will take the form of fewer hours per employee. The variable used to represent cyclical influences is the change from the previous year in the logarithm of total employment in each industry. Of several cyclical variables tested, this one was most consistently significant with coefficients of plausible magnitude.

Beyond this cyclical influence, employers will have to balance a number of influences on unit costs. For jobs that require a lot of job-specific knowledge and training—managerial jobs or complex technical jobs, for example—it will be advantageous to have full-time employees even if their hourly compensation is higher than

10. More precisely, let h be average weekly hours of all employees (part time or full time), h_f average hours per full-time employee, E total number of persons employed, and FTE full-time equivalent employment. FTE is equal to total hours of all employees, $E \times h$, divided by average hours per full-time employee, h_f , or:

$$FTE = E \times h / h_f$$

Dividing both sides of this equation by E shows that the ratio of FTE to E is equal to h divided by h_f . The more part-time workers there are, the lower this ratio. The dependent variable is the logarithm of the ratio.

Underreporting of hours need not always lower this ratio. Understatement of the hours of part-time employees will lower the ratio, but complete nonreporting of part-time employees will raise the ratio. Understatement of the hours of full-time employees will lower the ratio if, as a result of the understatement, they are incorrectly classified as part-time workers. Understatement of the hours of full-time employees, however, will raise the ratio if they continue to be classified as full-time. If underreporting raises this ratio, however, it will lower the ratio of compensation to full-time equivalent employment, the second dependent variable in this study.

8. A reconciliation of income reported on personal tax returns and BEA personal income for recent years is presented in Thae S. Park, "Personal Income and Adjusted Gross Income, 1981-83," in this issue. Jarson, "Underground Economy," p. 109, discusses the relevance of this reconciliation to the underground economy.

9. National income estimates (without capital consumption adjustment) by detailed industry are published in table 6.3 of the NIPA tables. Compensation of employees is published in table 6.5, total employment in table 6.7, and full-time equivalent employment in table 6.8. The national income estimates used in this study differ slightly from the estimates published in table 6.3. The industry distribution of the corporate profits before tax component has been adjusted from a distribution by the primary industry of the company to one by the primary industry of the establishment. These adjustments, which sum to zero for all industries, are those that are incorporated in the INP by industry series shown in NIPA table 6.1. Including them makes national income more comparable to employee compensation by industry.

that of competent part-time employees. The attractiveness to employers of using part-time employees probably varies substantially by industry; for example, petroleum refining, with its highly skilled work force, is probably much less suited to part-time employment than retail trade.

To differentiate between industries not suited to part-time work and others, an additional dummy variable and a time trend were used in the regression. The dummy variable was set equal to 1.0 for all industries with a 1949 ratio of full-time equivalent employment to total employment of 0.95 or greater, and set equal to zero for all other industries. A 1949 ratio of 0.95 or greater was thus taken to indicate an industry not suited to part-time work. The time trend is equal to 1, 2, 3, etc. for successive years in each industry with a high 1949 ratio, and zero for all years in other industries. The coefficient of this variable measures the greater growth, or smaller decline, in the hours ratio for industries not suited to part-time work.

If the high-hours industries were all in the well-measured group and the low-hours industries in the suspect group, then it would not be possible to separate the effect of high hours from the effect of the underground economy. Fortunately, the suspect group includes both industries in the high-hours group (construction, for example) and industries in the low-hours group (retail trade, for example).

Preferences of employees as well as employers affect hours of work. Employee preference for part-time work clearly varies with household status. Primary earners in central age groups generally have a stronger preference for full-time work than secondary earners with child-care responsibilities or than students. To represent the influence of household status, the initial regression analysis included the proportion of the total labor force accounted for by males from ages 25 through 54, on the grounds that this is a group with an especially high preference for full-time work. However, the coefficient of this variable was either negative or insignificant in alternative specifications of the regression. It was therefore dropped from the analysis.

Institutional arrangements that bear on the choice of hours worked include the practice, partly due to legis-

Table 2.—Regression Results

	Dependent variable: logarithm of—		
	Full-time equivalent employment ÷ total employment	Employee compensation ÷ full-time equivalent employment	National income ÷ employee compensation
Constant terms:			
All industries.....	-0.0872 (-13.3)	-2.9160 (-120.8)	0.2962 (29.3)
Differential constants:			
Intermediate industries.....	-0.151 (-2.0)	-.0838 (-2.9)	-.1188 (-5.4)
Suspect industries.....	-.0340 (-6.0)	-.0429 (-2.1)	-.0275 (-1.9)
Time trends:			
All industries, 1948=1.....	-.0007 (-2.2)	.0265 (20.4)	-.0046 (-9.6)
All industries, 1968=1 (zero before 1968).....		-.0188 (-11.9)	
Differential trends:			
Intermediate industries.....	-.0007 (-2.0)	-.0062 (-4.4)	.0040 (3.8)
Suspect industries.....	-.0011 (-3.9)	-.0025 (-2.7)	-.0004 (-0.6)
Other variables:			
CHLE.....	.0880 (4.2)	.3365 (4.4)	.2500 (3.8)
DH.....	.0749 (13.3)	.0752 (3.7)	
DHTREND.....	.0005 (2.0)	.0065 (6.7)	
NCC.....		-.4126 (-18.6)	.6213 (37.5)
\bar{R}^2.....	.53	.71	.54
Standard error.....	.05	.18	.13

NOTE.—Figures in parentheses are t-ratios. CHLE=change from previous year in the logarithm of employment (full time and part time). DH=1 for high-average-hours industries (see text); zero for other industries. DHTREND=time trend for high-average-hours industries, zero for other industries. NCC=ratio of noncorporate employee compensation to total employee compensation. See text for explanation of differential constants and time trends.

lation, of restricting certain fringe benefits to those who work full time or nearly full time. The importance of this practice has grown as fringe benefits have become a larger fraction of labor compensation. The regression does not include a variable measuring this factor specifically; its influence will affect the coefficient of the time trend for all observations.

To recapitulate: the independent variables in the regression include a constant term for all industries and constant terms for intermediate industries and for suspect industries; a time trend for all industries and time trends for intermediate industries and for suspect industries; the change in the logarithm of employment; and a constant term and a time trend for industries with high hours in 1949. The dependent variable is the logarithm of the ratio of full-time equivalent employment to total employment.

The regression results are shown in the first column of table 2. The constant term and constant-term differentials shown in the table have no implications for the estimated growth of underground activity and therefore will not be discussed for this regres-

sion or the others. The negative coefficient of the time trend for all industries reflects a slight downward trend in average hours since 1949. The coefficients of the time-trend differentials, especially that for suspect industries, are indicators of the missing growth of national income. The coefficient for suspect industries indicates missing growth of just over 0.1 percent per year, and the coefficient for intermediate industries is still smaller. Both coefficients, however, have t-ratios of 2.0 or greater (in absolute value), indicating that their negative values are unlikely to be due to chance.

Coefficients of other variables are plausible. The positive coefficient for the change-in-employment variable, CHLE, indicates a pro-cyclical movement of average hours. The positive coefficients for the dummy variable and time trend for industries with high hours in 1949 indicate that these industries have higher average hours and a smaller rate of decline in average hours than other industries.

Constant-dollar employee compensation per full-time equivalent employee

The second dependent variable is the logarithm of employee compensation per full-time equivalent employee divided by a price index for gross domestic business product.¹¹ Dividing by a price index converts the variable to a measure of real compensation, but does not affect the differentials among industries. One reason for incorporating the price variable into the analysis in this way, rather than including it among the independent variables, is the high correlation of the price index with other independent variables in the analysis. In the discussion that follows, the dependent variable is referred to as "real compensation per employee". It will be sensitive to underground activity if such activity takes the form of under-reporting of wages or fringe benefits.

Independent variables include dummy variables and trends to measure differentials in levels and growth

11. The fixed-weighted price index for gross domestic business product was used starting in 1958. Because it was not available before 1958, it was linked to the implicit deflator for gross domestic business product for years before 1958.

rates among the three industry groups. These variables are the same as the ones used in the previous regression.

Prominent among influences on real compensation per employee are cyclical fluctuations in economic activity, which cause parallel changes in real compensation per employee. Cyclical influences are again represented by the change from the previous year in the logarithm of total employment.

For employers, the trend of productivity is also an important influence. The coefficient of a time trend for all observations reflects the average growth of productivity from 1949 to 1982, but not its deceleration. To reflect the deceleration of productivity, a variable was constructed that is equal to zero until 1968 and then equal to 1, 2, etc. in succeeding years.

The mix of full-time and part-time workers is also an important influence on real compensation per employee. The dependent variable in the first regression, the logarithm of the ratio of full-time equivalent employment to total employment, is a measure of this mix, but if the underground economy has affected the accuracy of this variable, then it is a biased measure. Instead of including this variable in the second regression, therefore, the determinants of the variable—the set of variables from the first regression—are included in the second regression. Most of the variables from the first regression are already included on other grounds; the only additions are the dummy variable and time trend for industries with high hours in 1949.

Among other influences on real compensation per employee, union membership and minimum wages are obvious possibilities. The regression does not, however, include variables representing these factors. In the case of union membership, the reason is that estimates of the distribution of union membership by industry are subject to large errors and are not available in any case for recent years. Rough calculations suggest that the influence of this variable cannot have been large.¹² In the case of the minimum wage, several alternative specifications of a variable representing its level and coverage gave regression coefficients with signs opposite to expectations.

An important influence on the measurement of employee compensation is legal form of organization. In a noncorporate enterprise, remuneration of proprietors or partners is not counted as employee compensation, whereas in a corporation, remuneration of executives is. Because executives have remuneration far above the average, compensation per employee will tend to be higher for corporations than for noncorporate enterprises. It may be higher for other reasons as well—for example, if the corporate form tends to be associated with firms that pay high salaries. To represent legal form of organization, the variable used is the ratio of noncorporate employee compensation to total employee compensation. Of several possible variables, this one is least likely to be distorted by errors of measurement.¹³ A disadvantage of this variable is that it is the variable used to classify industries as well measured, intermediate, or suspect. It is possible that the growth of the variable is correlated with the growth of underground activity, and therefore might bias the regression results. For this reason, regression results omitting this variable will be compared with results including it.

12. Periodic surveys of the distribution of union membership (discontinued since 1978) suggest that the decline in union membership has been proportionally greater in predominantly well-measured sectors, such as manufacturing and transportation, than in other sectors, such as construction, trade, and services; see U.S. Department of Labor, Bureau of Labor Statistics, *Directory of National Unions and Employee Associations*, Bulletin 2079 (Washington, DC: Government Printing Office, 1980) and bulletins with the same or similar titles for earlier years. The surveys suggest that the change in the proportion of workers in unions over the 22-year period 1956-78 may have differed by about 10 percentage points between the two types of industry. Union wages exceed nonunion wages for comparable jobs by an average of about 10 percent, with some of the difference perhaps offset by higher productivity of union members; see J.T. Addison and A.H. Barnett, "The Impact of Unions on Productivity," *British Journal of Industrial Relations* 20 (July 1982): 145-162. If union wages exceed nonunion wages by 10 percent, a 10 percent growth differential would cause a 1 percentage point difference (10 percent of 10 percent) in the growth of employee compensation. Over a 22-year period, this difference amounts to a little less than one-twentieth of a percentage point per year.

13. Benchmark revisions of noncorporate employee compensation prepared in 1980 were carried back only to 1968. The estimates before 1968 are discontinuous with estimates starting in 1968. For this study, industries with large changes (more than 5 percentage points) in the ratio of noncorporate to total employee compensation from 1949 to 1967 were identified, and estimates of their ratios were constructed back to 1949. For other industries, ratios before 1968 were held constant at their 1968 values.

A final institutional influence on real compensation per employee is the presence of underground activity itself. Off-the-books activity is often conducted at reduced rates of compensation, because taxes are not paid on the earnings. Where off-the-books activity is a significant part of an industry, competition may compel fully reporting enterprises in that industry to lower their employee compensation rates and other forms of income (or restrict increases in them). In such a situation, the approach to measuring the underground economy adopted in this paper will exaggerate the growth of underground activity. The differential growth rate for a suspect industry will reflect not only unreported employee compensation, but also reduced compensation in fully reporting enterprises due to competition from underground enterprises. There is no variable in the regression analysis to represent this influence; it must simply be kept in mind as a possible source of overstatement in the estimated growth of underground income.

The results of the regression appear in the second column of table 2. The coefficients of the time trends for all observations indicates that real compensation per employee rose at an average rate of 2.65 percent until 1968, but only 0.77 percent (2.65 minus 1.88) afterwards. For intermediate and suspect industries, coefficients of time-trend differentials are negative and statistically significant. These coefficients suggest growing underground activity in the form of unreported real compensation per employee amounting to more than six-tenths of 1 percent per year for intermediate industries and one-quarter of 1 percent per year for suspect industries.

Other variables performed as expected. The coefficient of the ratio of noncorporate to corporate employee compensation, NCC, is negative and highly significant. The possibility that this variable is biasing the coefficients of time-trend differentials was discussed earlier. Rerunning the regression without this variable does change those coefficients. The alternative coefficients are closer to zero; -0.0040 instead of -0.0062 for intermediate industries and -0.0007 instead of -0.0025 for suspect industries. The alternative regression thus indicates less missing growth in employee compensation than does the regression

shown in table 2. The implications of this alternative regression will be discussed after reporting on a similar alternative for the next dependent variable.

The ratio of national income to employee compensation

The third dependent variable is the logarithm of the ratio of national income to employee compensation. It measures the return to all factors of production relative to the return to employed labor. It will be sensitive to underground activity if underreporting of profits, proprietors' income, or other property income is greater, in percentage terms, than underreporting of employee compensation.

Once again, cyclical factors are an important influence on the behavior of the ratio, mainly because they have a greater percentage impact on profits than on employee compensation. The change from the previous year in the logarithm of employment therefore appears in this regression as well as in the first two.

An additional factor that influences the ratio of national income to employee compensation, as it does real compensation per employee, is legal form of organization. The influence arises because the denominator of the ratio, employee compensation, does not include the return to the labor of proprietors and partners, but does include the return to the labor of corporate executives. The result of this characteristic is that the ratio tends to be far higher for proprietorships and partnerships than for corporations. The variable selected to represent this factor, the ratio of noncorporate employee compensation to total employee compensation, is expected to have a positive coefficient in this regression, whereas its coefficient in the previous regression was (and was expected to be) negative.

Eight industries are omitted from this regression, for various reasons. National income consists entirely of employee compensation for one industry, private households, and consists very largely of employee compensation for two industries that include many nonprofit organizations, educational services and social services. These industries are omitted because their ratios of national income to employee compensation are always equal

to, or are very close to, one. The other five omitted industries—farms, agricultural services, oil and gas extraction, petroleum refining, and electric and gas utilities—are so heavily influenced by large swings in farm and fuel prices that they are of little value in drawing inferences about other factors affecting the ratio of national income to employee compensation.

The results of the regression appear in the third column of table 2. The negative coefficient of the time trend for all observations reflects the declining share of profit-type income in national income since 1949. For intermediate industries, the coefficient of the time-trend differential is positive, indicating no understatement of the ratio. For suspect industries, the corresponding coefficient is negative, but it is small and not significant. The other two variables, CHLE and NCC, both have coefficients of expected sign and are highly significant.

The possibility that the presence of NCC biases the coefficients of differential time trends was discussed earlier. Omitting this variable alters these coefficients; for intermediate industries the coefficient is lowered from 0.0040 to 0.0036, and for suspect industries, it is lowered from -0.0004 to -0.0032 . These alterations are roughly the opposite of the alterations due to omitting NCC from the regression for compensation per full-time equivalent employee. The alternative regression thus leaves the estimated total understatement about the same.

However, the regressions reported in table 2 and the alternative regressions differ in their estimates of the composition of the understatement. According to the regressions in table 2, the understatement lies mainly in employee compensation; according to the alternative regressions, the understatement lies mainly in other forms of income. Direct evidence from tax audits and special surveys accords with the results of the alternative regressions in this respect.

The growth of underground income

The new estimate of understatement in the growth of national income in this study is based on the coefficients of differential time trends for suspect and intermediate industries. For suspect industries, the coef-

ficients in the three regressions are -0.0011 , -0.0025 , and -0.0004 . Their sum, -0.0040 , is an estimate of understated growth in suspect industries; the estimate suggests that growth in these industries was understated by an average of 0.40 percent per year during 1949-82. Because suspect industries account for a little over one-half of published national income of the industries in this study, the understatement of growth in total private domestic national income due to this understatement is 0.21 percent per year, or just over one-fifth of 1 percent.¹⁴

For intermediate industries, the corresponding three coefficients in table 2 are -0.0007 , -0.0062 , and 0.0040. Their sum implies that growth in the intermediate industries was understated by 0.29 percent per year, or a little less than three-tenths of 1 percent. The understatement of growth in total private domestic national income due to intermediate industries is only 0.04, or four one-hundredths of 1 percent, per year.

The estimated understatement due to both suspect and intermediate industries is 0.21 plus 0.04, or 0.25 percent per year. The standard error of the overall estimate is 0.08 percent, or one-third of the estimate itself.¹⁵

The estimated understatement is small compared to the average 1949-82 growth rate of published national income in private domestic industries. The understatement is one-thirtieth of the growth rate based on current dollar national income, 7.41 percent per year. It is one-thirteenth of the growth rate based on constant-dollar national income, 3.30 percent per year (the latter comparison is meaningful if, as seems plausible, the understatement is in real growth and not in inflation).

14. The translation into an estimated understatement of the growth rate of total national income requires an assumption about the level of underground income, although the translation is not sensitive to that assumption. The assumption used here (and in the next two paragraphs) is that the level of national income missing from the NIPA's for the underground activities covered in this study was zero in 1949.

15. To derive the standard error, the three dependent variables were added to form a single dependent variable, the logarithm of national income per employee. This variable was regressed on independent variables from the three regressions. The estimated understatement of total national income in private domestic industries derived from this shortcut procedure was the same as the estimate from the full procedure described in the text. The standard error was derived from the shortcut procedure.

IV. Appraisal

This section appraises the new indirect estimate of understatement of the growth of national income in three ways. First, it compares the estimate with a direct estimate of understatement recently reported in the SURVEY. Second, it compares the estimate and the procedures used to construct it with other indirect estimates. Finally, it discusses possible sources of understatement or overstatement in the new estimate.

Comparison with a direct estimate

A recent study has led to improved adjustments in 1977 for misreporting on the tax return information used in constructing the NIPA's. It is estimated that national income for that year should be adjusted upward by \$58 billion, in addition to the adjustments for underreporting already incorporated in the published estimate.¹⁶ This upward adjustment covers essentially the same activities as the estimate in this article.

Comparison between this direct estimate and the indirect estimate in this article is difficult because the former is a dollar level and the latter is a rate of growth. To compare them, the latter can be converted into a dollar level by assuming a level of zero (no understatement) in 1949 and then cumulating understated growth from 1950 through 1977. Because of the zero assumption for 1949, this procedure gives a lower bound to the understatement in 1977.

The result of this calculation is an estimate of \$88 billion, or \$30 billion more than the direct estimate. The difference between the two estimates is equal to roughly one standard deviation of the former estimate—a difference that could easily arise by chance due to the uncertainties of statistical estimation. The two methods thus do not give significantly different results, if income missing from the NIPA's was negligible in 1949. If income missing in 1949 was substantial, however, then the indirect estimate might imply significantly more missing

income than the direct estimate for 1977.¹⁷

The direct estimate places most of the understatement of national income in proprietors' income. The indirect estimate based on the regression results in table 2 places most of the understatement in employee compensation; however, an estimate based on alternative regressions, mentioned earlier, would place most of the understatement in other forms of income (including proprietors' income). The indirect method thus does not lead to any firm conclusion about the distribution of the understatement.

Comparison with other indirect estimates

It is difficult to compare the estimate in this article with other published indirect estimates because it is quite unlikely that the various estimates are measuring the same thing. The estimate in this article, as noted earlier, refers to activities unreported or underreported in the NIPA's because of working off the books, skimming, and the like. It does not cover (a) prohibited activities excluded from the NIPA's, such as the production and distribution of illegal drugs, and (b) incomes unreported on tax returns, but included in the NIPA's.

The indirect estimates of Feige, Gutmann, and Tanzi—all of which are based on financial ratios—probably include both these categories. They should therefore be larger than the estimate in this article (and larger than appropriate for gauging possible understatement in the NIPA's). In fact, Gutmann's estimate is nearly twice as large, and Feige's estimate is four or five times as large. Tanzi's estimate, however, is about the same size.¹⁸

It is far from clear, however, that the excess of the Gutmann and Feige estimates over the one in this article is due to income from prohibited goods and services, or to income missing from tax returns but included in

the NIPA's. The estimate in this article involves a careful attempt to correct for influences other than the growth of the underground economy. This correction is accomplished by examining differences between suspect and well-measured industries rather than movements in suspect industries alone, and by using a multiple regression procedure that takes account of important influences on the indicators other than the underground economy. The two larger of the three other indirect estimates do not attempt to correct carefully for other influences on the indicators they use. It is not possible to account systematically for the excess of their estimates over the one in this article.¹⁹

Sources of understatement and overstatement of the new measure

Although the estimate in this article does not share some of the shortcomings of other indirect estimates of the underground economy, it is subject to uncertainty for several reasons. It is appropriate to end this article with a brief summary of these sources of possible understatement or overstatement.

One source is the uncertainties of statistical estimation. The variation in the estimate that can be attributed to this source is summarized by the standard deviation of the estimate, equal to about one-third of the estimate itself.

A second source of uncertainty is the omission, for reasons discussed earlier, of an analysis of employment differences among suspect, well-measured, and intermediate industries. While there is no convincing evidence that the growth of employment is understated, there is no way to be sure

18. Edgar Feige, "How Big Is the Irregular Economy?" *Challenge* (November/December 1979): 5-13; Peter M. Gutmann, "The Subterranean Economy," *Financial Analysts Journal* (November/December 1977): 26-27, 34; and Vito Tanzi, "The Underground Economy in the United States: Annual Estimates, 1930-1980," *International Monetary Fund Staff Papers* 30 (June 1983): 283-305. A table comparing these and other estimates of the size of the underground economy appears in Carson, "Underground Economy," p. 33. These estimates are not all available for 1977 and are not all expressed in terms of national income. The comparisons in the text are after adjustment for these differences.

19. For other criticisms of these financial-ratio indicators, see Richard D. Porter and Amanda S. Bayer, "A Monetary Perspective on Underground Economic Activity in the United States," *Federal Reserve Bulletin* 70 (March 1984): 177-190.

16. Parker, "Improved Adjustments," p. 20, table 3. The adjustment appropriate for national income is the sum of the adjustments reported in the table for employee compensation, proprietors' income, rent, corporate profits, and net interest (the last three of these adjustments are zero).

17. If missing income in 1949 was 5 percent or more of published national income in domestic private industries, then the indirect method implies missing income in 1977 that is two standard deviations or more larger than the direct estimate. It seems unlikely that missing income in 1949 was as large as 5 percent of published national income, because income tax returns were not an important source of the estimates for 1949.

what a detailed analysis of employment growth would show.

A third source of uncertainty is due to the fact that the new estimate covers only those underground activities that are concentrated in suspect industries or intermediate industries and absent from well-measured industries. It does so because it is based on unexplained differences between these groups of industries. The covered activities probably include the great bulk of working "off the books" and skimming. They probably do not include padded expense accounts and employee theft, both of which take place in well-measured as well as suspect industries. This partial coverage is a factor that makes the new measure understate the level of underground activity. Partial coverage could make the new measure of un-

derstated growth either too low or too high, depending on how rapidly the uncovered activities have grown.²⁰

A final source of uncertainty may cause the measure in this article to overstate both the level and the rate of growth of underground income. That factor, discussed earlier, is the impact of the underground economy on incomes in correctly reporting enterprises. Price competition from a growing underground sector in an industry may compel correctly reporting enterprises to limit increases in their incomes. The measure in this article reflects any such induced slowing of the growth of compensation, even though it is not itself a part of the underground economy.

20. Unresolved issues concerning the correct treatment of shoplifting and employee theft in the NIPA's add to this uncertainty.

Because of these sources of uncertainty, it is not possible to say whether the new measure understates or overstates the growth of underground income missing from national income. Nevertheless, in an area where quantitative information is extremely scarce, even an uncertain measure is of some help. It would be of interest to calculate the measure for other bodies of data, such as tax returns classified by industry of employment or national income by industry for other countries, and compare the results with those of the present study. It will also be of interest to recalculate the measure after the next benchmark revision of the NIPA's, because that revision will incorporate new adjustments for the underground economy.

CURRENT BUSINESS STATISTICS

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

The sources of the series are given in BUSINESS STATISTICS: 1982; they appear in the main methodological note for each series, and are also listed alphabetically on pages 135-136. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Units	Annual		1984										1985			
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
GENERAL BUSINESS INDICATORS																
PERSONAL INCOME BY SOURCE †																
Seasonally adjusted, at annual rates:																
Total personal income.....bil. \$..	2,744.2	3,012.1	2,923.5	2,940.6	2,968.5	2,978.8	3,006.5	3,027.7	3,045.8	3,068.3	3,079.3	3,097.5	3,111.8	*3,128.9	*3,139.9	3,155.9
Wage and salary disbursements, total.....do ..	1,659.2	1,804.0	1,755.1	1,764.6	1,785.3	1,789.8	1,804.3	1,812.4	1,816.9	1,829.1	1,830.9	1,847.2	1,864.9	*1,872.5	*1,880.5	1,894.9
Commodity-producing industries, total.....do ..	519.3	569.3	557.4	558.2	565.1	566.3	569.6	571.2	574.1	574.8	575.2	580.8	586.7	*590.3	*589.1	593.5
Manufacturing.....do ..	395.2	433.9	425.2	427.5	431.8	431.7	433.3	435.0	437.5	436.8	438.1	442.5	446.8	*448.4	*446.4	448.6
Distributive industries.....do ..	398.6	432.0	417.7	421.6	426.9	428.4	433.2	435.9	434.3	439.0	438.7	443.5	447.0	*445.6	*448.5	452.2
Service industries.....do ..	413.1	452.9	437.1	440.4	447.4	447.8	452.7	454.8	455.8	461.3	461.8	466.2	472.9	*473.3	*477.3	482.0
Govt. and gov't. enterprises.....do ..	328.2	349.8	342.9	344.4	345.9	347.3	348.8	350.5	352.6	354.1	355.1	356.7	358.4	*363.2	*365.6	367.2
Other labor income.....do ..	173.1	195.5	188.1	189.9	191.7	193.5	195.3	196.7	198.1	199.5	201.0	202.5	203.9	205.1	206.3	207.5
Proprietors' income: ‡																
Farm.....do ..	13.8	28.2	36.5	30.9	25.4	21.4	23.5	26.5	27.4	28.0	29.1	28.0	31.0	*25.7	*21.5	20.0
Nonfarm.....do ..	107.9	126.2	122.9	123.8	125.7	126.2	127.1	126.0	126.1	127.1	129.3	129.6	130.2	*132.2	*134.7	136.2
Rental income of persons with capital consumption adjustment.....bil. \$..	58.3	62.5	60.8	61.2	61.6	62.0	62.4	62.6	62.9	63.3	63.7	64.1	64.5	*64.8	*65.2	65.5
Dividends.....do ..	70.3	77.7	75.0	76.0	76.9	77.1	77.6	78.0	78.2	79.4	79.8	80.2	80.5	*81.0	*81.4	81.9
Personal interest income.....do ..	376.3	433.7	403.8	411.4	418.4	425.6	432.9	441.4	449.5	457.1	456.8	456.0	455.5	*455.8	*456.2	456.5
Transfer payments.....do ..	405.0	416.7	410.9	412.8	414.9	414.8	415.9	417.1	419.9	418.7	422.8	425.1	417.6	*437.6	*440.4	440.7
Less: Personal contributions for social insurance.....do ..	119.6	132.5	129.5	130.1	131.3	131.5	132.5	133.0	133.3	134.1	134.2	135.2	136.3	145.8	*146.3	147.3
Total nonfarm income.....do ..	2,701.1	2,954.3	2,857.9	2,880.5	2,913.8	2,928.1	2,953.5	2,971.6	2,988.5	3,010.2	3,019.9	3,039.0	3,050.1	*3,072.7	*3,088.0	3,105.6
DISPOSITION OF PERSONAL INCOME †																
Seasonally adjusted, at annual rates:																
Total personal income.....bil. \$..	2,744.2	3,012.1	2,923.5	2,940.6	2,968.5	2,978.8	3,006.5	3,027.7	3,045.8	3,068.3	3,079.3	3,097.5	3,111.8	*3,128.9	*3,139.9	3,155.9
Less: Personal tax and nontax payments.....do ..	404.2	435.3	419.0	420.8	425.0	429.6	436.3	438.8	440.4	443.4	446.0	451.8	457.2	*457.7	*490.1	519.1
Equals: Disposable personal income.....do ..	2,340.1	2,576.8	2,504.5	2,519.7	2,543.5	2,549.2	2,570.2	2,589.0	2,605.4	2,624.9	2,633.3	2,645.7	2,654.5	*2,671.2	*2,649.8	2,636.8
Less: Personal outlays.....do ..	2,222.0	2,420.7	2,340.9	2,347.3	2,385.1	2,417.1	2,426.3	2,430.2	2,431.1	2,465.6	2,461.6	2,480.9	2,502.1	*2,519.9	*2,543.4	2,531.3
Personal consumption expenditures.....do ..	2,155.9	2,341.8	2,267.6	2,273.2	2,310.1	2,340.1	2,347.9	2,350.5	2,350.1	2,388.7	2,378.1	2,395.9	2,415.5	*2,432.3	*2,454.6	2,441.5
Durable goods.....do ..	279.8	318.8	308.8	306.4	309.7	325.4	326.9	320.2	313.2	318.2	318.1	324.3	336.4	*331.7	*337.9	329.6
Nondurable goods.....do ..	801.7	856.9	837.6	835.6	855.3	860.0	859.7	859.2	853.5	871.6	862.6	864.6	872.2	*875.2	*882.3	876.3
Services.....do ..	1,074.4	1,166.2	1,121.2	1,131.3	1,145.1	1,154.8	1,161.2	1,171.1	1,183.4	1,193.8	1,197.4	1,206.9	1,206.9	*1,225.4	*1,234.4	1,235.6
Interest paid by consumers to business.....do ..	65.1	77.8	72.2	73.0	74.0	75.9	77.3	78.6	79.9	80.9	82.1	83.5	85.1	*86.4	*87.6	88.6
Personal transfer payments to foreigners (net).....do ..	1.0	1.2	1.2	1.2	1.0	1.0	1.0	1.1	1.1	1.1	1.5	1.5	1.5	1.2	1.2	1.2
Equals: personal saving.....do ..	118.1	156.1	163.6	172.4	158.4	132.1	143.9	158.7	174.3	159.2	171.6	164.9	152.5	*151.2	*106.4	105.5
Personal saving as percentage of disposable personal income %.....percent.	5.0	6.1	6.1	6.5	6.1	5.7	5.6	6.1	6.3	6.4	6.3	6.2	5.9	*5.1	4.6	.....
Disposable personal income in constant (1972) dollars.....bil. \$..	1,095.4	1,169.0	1,149.2	1,151.8	1,160.4	1,163.1	1,172.4	1,174.3	1,174.7	1,180.7	1,181.5	1,186.3	1,192.3	*1,192.6	1,180.2	.....
Personal consumption expenditures in constant (1972) dollars.....do ..	1,009.2	1,062.4	1,040.4	1,039.1	1,053.9	1,067.7	1,071.0	1,066.1	1,059.5	1,072.2	1,067.0	1,074.3	1,085.0	1,085.9	1,093.3	.....
Durable goods.....do ..	157.5	178.1	172.3	171.2	172.9	180.9	182.0	178.4	174.8	177.8	178.3	181.7	188.8	*186.2	183.3	.....
Nondurable goods.....do ..	376.3	393.6	386.0	383.8	393.7	397.3	399.0	396.1	391.1	399.1	392.4	394.4	398.3	*397.3	401.3	.....
Services.....do ..	475.4	490.8	482.1	484.2	487.2	489.4	490.0	491.5	493.6	495.3	496.3	498.2	497.9	*501.9	503.7	.....
Implicit price deflator for personal consumption expenditures.....index, 1972=100 ..	213.6	220.4	217.9	218.8	219.2	219.2	219.2	220.5	221.8	222.3	222.9	223.0	222.6	*224.0	224.5	.....
INDUSTRIAL PRODUCTION																
<i>Federal Reserve Board Index of Quantity Output</i>																
Not Seasonally Adjusted																
Total index.....1967=100 ..	147.6	163.3	160.2	161.5	161.2	161.8	167.5	162.6	168.0	170.1	168.0	164.6	*160.0	*160.7	*165.0	*165.8
By industry groupings:																
Mining and utilities.....do ..	142.9	152.0	152.7	149.1	145.6	145.5	152.5	156.8	158.8	155.1	146.2	149.2	*154.5	*159.1	*156.0	*150.6
Manufacturing.....do ..	148.2	164.8	161.2	163.2	163.3	164.0	169.5	163.5	169.0	172.0	170.6	166.2	*160.6	*161.0	*166.3	*168.1
Nondurable manufactures.....do ..	168.1	179.4	175.4	177.1	177.6	178.7	185.9	179.7	186.9	189.1	185.7	179.1	*170.2	*171.0	*177.3	*178.9
Durable manufactures.....do ..	134.5	*154.6	151.3	153.6	153.4	153.8	158.2	152.3	156.6	160.1	160.1	157.3	*153.9	*154.1	*158.6	*160.6
Seasonally Adjusted																
Total index.....do ..	147.6	163.3	160.0	160.8	162.1	162.8	164.4	165.9	166.0	165.0	164.4	164.8	*164.8	*165.2	*164.9	*165.4
By market groupings:																
Products, total.....do ..	149.2	164.7	160.4	161.1	162.5	163.3	165.3	167.4	167.2	166.4	166.9	167.7	*168.1	*168.2	*167.7	*168.0
Final products.....do ..	147.1	162.7	158.0	158.6	160.2	161.1	163.1	165.2	165.1	164.6	165.2	166.2	*166.7	*166.9	*166.1	*166.2
Consumer goods.....do ..	151.7	*161.6	159.4	160.2	161.4	161.7	163.0	163.8	162.5	161.6	161.6	162.6	*162.2	*162.5	*161.1	*161.3

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
GENERAL BUSINESS INDICATORS—Continued																	
INDUSTRIAL PRODUCTION—Continued																	
Seasonally Adjusted—Continued																	
By market groupings—Continued																	
Final products—Continued																	
Durable consumer goods..... 1967=100	147.5	162.0	162.5	163.1	162.2	161.4	163.6	163.7	162.6	159.6	158.7	161.5	*161.0	*160.7	*161.2	*161.5	
Automotive products.....do	153.2	181.3	182.1	184.1	180.9	179.8	184.3	185.0	181.8	173.0	171.9	184.1	*186.0	*192.0	*189.8	*190.5	
Autos and utility vehicles.....do	134.0	158.1	162.2	164.1	158.4	155.9	158.7	161.1	159.2	145.6	145.0	161.5	164.7	*174.3	*169.8	*171.9	
Autos.....do	117.4	135.3	140.4	142.4	134.5	132.9	136.2	138.7	134.3	121.1	123.6	138.9	142.5	*151.5	*144.9	*147.3	
Home goods.....do	141.4	151.1	151.5	151.3	151.7	151.1	152.0	151.8	151.9	152.0	151.4	148.9	*147.0	*143.2	*145.2	*145.3	
Nondurable consumer goods.....do	153.4	*161.5	158.2	159.1	161.1	161.8	162.7	163.9	162.4	162.4	162.7	163.0	*162.7	*163.2	*161.1	*161.2	
Clothing.....do	163.7	*171.5	166.9	168.0	170.2	171.6	173.2	174.5	172.7	173.1	173.8	173.9	*173.2	*173.6	*171.6	*172.0	
Consumer staples.....do	153.5	*160.6	156.8	157.6	160.4	161.0	161.9	162.9	161.8	162.1	162.4	161.2	*162.1	162.7	.....	.....
tobacco.....do	175.4	184.2	178.7	180.1	181.6	183.9	186.3	188.0	185.4	185.9	187.0	188.6	*186.1	186.2	*184.5	*184.9	
Nonfood staples.....do	140.8	164.1	156.1	156.4	158.5	160.3	163.3	167.0	168.7	168.9	170.1	171.2	*172.8	*172.9	*172.9	*173.0	
Equipment.....do	153.3	181.0	171.9	172.1	173.5	176.5	181.1	185.5	187.6	186.4	187.3	188.4	*189.6	*189.0	*188.9	*188.5	
Industrial equipment #.....do	120.4	140.6	134.6	134.8	135.9	138.5	140.4	143.1	143.3	143.5	145.3	145.6	147.0	*144.6	*143.4	*141.9	
Building and mining equip.....do	159.3	187.6	182.0	175.2	173.6	182.9	185.8	190.0	191.6	190.7	194.6	197.2	199.8	*195.0	*186.5	*177.0	
Manufacturing equip-ment.....do	107.1	127.4	120.9	124.2	126.2	127.4	128.6	130.1	129.7	129.8	131.0	129.9	130.9	*129.3	*130.1	*130.7	
Commercial, transit, farm equipment #.....do	191.3	*227.6	215.1	215.3	217.0	220.5	228.1	234.5	238.9	235.9	235.8	237.9	*238.8	*240.2	*241.5	*242.4	
Commercial equipment.....do	273.2	*325.1	305.9	306.9	309.6	315.5	326.3	333.4	339.2	336.5	338.5	342.1	*343.5	*347.4	*350.5	*352.7	
Transit equipment.....do	95.2	115.4	110.1	109.2	108.9	109.7	115.1	120.4	124.5	121.4	117.8	118.2	119.6	*118.5	*118.6	*117.8	
Defense and space equipment.....do	119.9	*135.6	129.5	130.1	133.2	133.1	133.5	135.9	136.8	139.5	141.1	142.2	*144.7	*145.8	*145.9	*146.9	
Intermediate products.....do	156.6	172.3	169.0	170.2	171.0	171.6	173.5	175.8	175.1	173.0	173.4	173.1	*173.2	*173.0	*173.7	*174.5	
Construction supplies.....do	142.5	*158.9	156.6	159.1	159.6	159.5	160.9	161.9	160.9	158.2	158.6	156.9	*157.5	*157.4	*158.5	*159.2	
Business supplies.....do	170.7	185.7	181.3	181.3	182.3	183.5	186.1	189.5	189.1	187.6	188.0	189.2	*188.8	*188.4	*188.9	.....
Materials.....do	145.2	161.2	159.4	160.4	161.5	162.0	162.9	163.5	164.0	162.8	160.4	160.4	*159.8	*160.5	*160.6	*161.3	
Durable goods materials.....do	138.6	161.6	158.6	159.5	161.3	161.6	163.0	164.2	165.3	164.3	162.9	162.3	*161.0	*161.6	*160.9	*161.8	
Nondurable goods materials.....do	174.5	184.3	184.1	185.9	185.7	187.4	186.7	186.5	186.7	184.0	182.1	181.9	*180.4	*180.9	*181.2	*182.5	
Energy materials.....do	124.8	*131.5	131.0	131.3	132.1	131.9	133.2	133.7	133.0	132.7	127.6	129.4	*131.3	132.7	*134.2	*134.1	
By industry groupings:																	
Mining and utilities.....do	142.9	152.0	148.9	150.4	151.3	152.1	154.1	154.4	153.0	153.3	150.5	153.1	*152.4	*152.6	*152.2	*152.4	
Mining.....do	116.6	125.7	124.1	123.8	123.3	125.0	127.0	129.9	128.3	128.7	123.6	124.8	124.4	*125.1	*123.1	*123.5	
Metal mining.....do	80.9	91.7	97.4	100.0	98.5	98.0	96.8	96.4	83.4	84.5	91.2	87.5	*76.3	*82.8	.....	.....
Coal.....do	136.3	155.8	163.2	164.0	151.4	153.9	161.5	176.5	171.7	173.7	127.8	134.4	142.1	144.5	*154.8	*156.8	
Oil and gas extraction #.....do	116.6	121.7	119.6	118.2	118.8	120.4	121.6	122.8	122.5	122.4	122.6	123.8	*123.6	*123.2	*119.4	*118.9	
Crude oil.....do	95.1	95.7	94.6	93.5	97.0	95.7	95.5	96.5	95.8	96.8	95.0	96.1	*95.5	*95.9	*95.9	.....
Natural gas.....do	94.7	99.3	99.2	100.7	100.9	100.2	100.5	97.8	97.4	96.9	98.6	99.6	100.4	.....	.....	.....
Stone and earth minerals.....do	122.8	145.0	133.0	135.8	140.4	144.0	147.9	151.9	153.5	154.6	147.8	147.5	146.0	*146.7	*146.0	.....
Utilities.....do	172.4	*181.5	176.5	180.0	182.7	182.3	184.3	181.8	180.6	180.9	180.6	184.7	*183.7	*183.5	*184.6	*184.7	
Electric.....do	196.0	*205.4	200.0	204.6	207.7	206.8	209.6	205.9	204.0	204.4	203.8	209.1	*205.3	*206.5	*208.3	*207.9	
Manufacturing.....do	148.2	164.8	161.4	162.1	163.4	164.2	165.7	167.3	167.6	166.6	166.6	166.6	*166.6	*166.6	*166.5	*167.1	
Nondurable manufactures.....do	168.1	179.4	177.2	177.6	179.1	179.9	181.3	181.8	181.7	180.3	179.4	179.6	*179.6	*179.7	*179.1	*179.5	
Foods.....do	156.4	163.2	160.0	161.2	163.1	164.2	165.1	164.9	164.7	164.3	164.0	162.9	*164.1	164.9	.....	.....
Tobacco products.....do	112.1	115.2	110.9	111.8	113.8	112.8	113.3	115.1	113.8	113.1	119.5	117.4	*120.5	116.7	.....	.....
Textile mill products.....do	140.8	*138.6	142.3	143.5	140.0	140.5	140.7	139.8	140.3	135.4	133.3	132.0	*132.0	131.5	*130.3	.....
Apparel products.....do	164.3	174.4	176.6	173.8	172.4	174.1	174.6	176.7	176.7	177.5	173.5	173.0	*173.7	*174.1	*176.0	*175.9	
Printing and publishing.....do	152.5	*169.7	164.8	165.2	166.3	167.5	169.0	172.6	173.1	170.5	172.3	174.0	*174.1	*175.0	*175.3	*175.3	
Chemicals and products.....do	215.0	*228.1	224.8	225.0	228.3	227.9	231.0	232.0	231.6	230.8	228.0	230.2	*228.1	*227.8	*227.2	.....
Petroleum products.....do	120.3	124.4	127.6	127.0	126.8	127.9	127.5	124.7	124.3	122.6	122.9	124.0	120.3	*117.0	*119.3	*120.6	
Rubber and plastics products.....do	291.9	*331.7	318.5	323.8	328.0	334.1	341.0	341.4	341.5	338.4	338.6	332.2	*331.3	*334.7	*333.8	.....
Leather and products.....do	61.9	59.9	63.9	63.9	63.5	61.4	60.0	60.6	59.1	57.9	55.0	55.9	*56.6	*54.1	*54.6	.....
Durable manufactures.....do	134.5	*154.6	150.5	151.4	152.6	153.3	154.9	157.2	157.8	157.1	157.1	157.6	*157.6	*157.9	*157.7	*158.5	
Ordnance, pvt. and govt.....do	95.4	103.5	99.6	100.6	101.4	100.8	101.7	102.7	105.5	107.1	107.7	108.6	108.3	*107.4	*108.0	*108.0	
Lumber and products.....do	137.2	*148.7	145.6	149.3	151.2	146.3	148.5	146.0	148.8	149.2	152.6	152.2	*150.4	*150.4	*148.5	.....
Furniture and fixtures.....do	170.5	190.2	185.6	184.6	186.6	190.5	191.9	192.6	195.3	194.3	194.7	192.1	*190.6	*188.0	*189.6	.....
Clay, glass, and stone products.....do	143.4	*159.7	160.4	160.2	160.0	160.6	159.7	160.9	160.0	158.0	160.1	159.0	*158.9	*161.2	*161.0	.....
Primary metals.....do	85.4	*95.1	98.4	97.5	99.3	98.2	97.9	94.5	94.4	94.1	92.7	91.5	*87.8	*89.7	*92.8	*93.8	
Iron and steel.....do	71.5	79.8	86.0	84.4	84.0	83.5	83.5	76.5	77.7	77.5	74.6	73.9	72.1	*72.2	*76.1	.....
Nonferrous metals.....do	110.1	122.3	121.3	122.5	122.9	121.4	121.1	131.7	124.3	124.3	124.8	121.8	*115.7	*122.8	*124.4	.....
Fabricated metal products.....do	120.2	*137.5	132.8	134.9	135.5	136.5	138.7	140.6	139.5	140.7	139.0	139.0	*140.2	*139.8	*140.4	*141.7	
Nonelectrical machinery.....do	150.6	*181.5	170.9	171.9	174.9	178.8	182.0	186.9	189.1	187.9	187.7	188.9	*188.3	*189.2	*188.4	*189.0	
Electrical machinery.....do	185.5	*217.4	209.9	212.0	214.6	214.5	216.0	221.5	221.5	222.8	222.3	222.5	*224.5	*220.9	*219.8	*220.6	
Transportation equipment.....do	117.8	137.6	135.2	135.8	134.5	135.0	137.2	140.6	141.0	137.6	137.2	141.3	*143.3	*145.8	*144.2	*144.7	
Motor vehicles and parts.....do	137.1	165.7	164.4	165.8	161.9	163.0	165.3	169.0	169.6	162.4	161.7	170.8	*171.8	*176.3	*172.3	*172.8	
Instruments.....do	158.7	174.2	168.6	169.7	171.0	171.8	174.5	176.7	177.4	178.5	176.5	177.5	180.3	*179.3	*178.3	*179.3	
BUSINESS SALES																	
Mfg. and trade sales (unadj.), total @.....mil. \$	4,405,156	4,910,966	383,524	417,312	401,673	423,493	429,613	392,505	414,413	410,746	424,164	418,001	430,608	*387,720	393,576	.....
Mfg. and trade sales (seas. adj.), total @.....do	*4,405,156	*4,910,966															

Units	Annual		1984										1985			
	1983	1984	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 period (unadj.), total @.....mil. \$..	509,324	559,974	525,177	534,333	542,347	545,727	544,853	547,096	552,617	559,828	571,892	576,036	559,974	*568,276	575,310	.....
Mfg. and trade inventories, book value, end of period (seas. adj.), total @.....mil. \$..	514,336	566,271	527,216	532,766	541,060	545,912	546,834	551,366	556,519	560,430	563,810	565,022	566,271	*574,786	576,888	.....
Manufacturing, total †.....do	260,426	285,414	264,074	267,379	270,392	274,593	277,481	280,019	283,525	285,372	286,426	285,833	285,414	*284,791	285,701	.....
Durable goods industries.....do	171,571	190,823	173,203	175,751	177,993	180,578	182,452	184,559	187,142	188,915	190,476	190,428	190,823	*191,315	191,446	.....
Nondurable goods industries.....do	88,855	94,591	90,871	91,628	92,399	94,015	95,029	95,460	96,383	96,457	95,950	95,405	94,591	*93,476	94,255	.....
Retail trade, total †.....do	*139,123	*155,517	*144,908	*146,600	*149,627	*149,493	*148,469	*148,817	*149,508	*150,334	*152,130	*153,070	*155,517	*157,748	158,984	.....
Durable goods stores.....do	*66,845	*74,582	*69,327	*70,153	*72,232	*71,356	*70,504	*70,012	*70,201	*70,801	*71,896	*72,839	*74,582	*76,393	76,925	.....
Nondurable goods stores.....do	*72,278	*80,935	*75,581	*76,453	*77,395	*78,137	*77,965	*78,805	*79,307	*79,533	*80,234	*80,231	*80,935	*81,355	82,059	.....
Merchant wholesalers, total †.....do	*120,476	*132,208	*122,918	*123,977	*125,659	*126,742	*126,745	*128,577	*129,433	*130,610	*131,023	*132,500	*132,208	*132,247	132,203	.....
Durable goods establishments.....do	*77,331	*86,436	*78,720	*79,918	*80,255	*80,962	*81,871	*82,913	*83,908	*84,882	*85,208	*85,368	*86,436	*86,423	86,552	.....
Nondurable goods establishments.....do	*43,145	*45,772	*44,198	*44,059	*45,404	*45,780	*44,874	*45,664	*45,525	*45,728	*45,815	*46,633	*45,772	*45,722	45,651	.....
Mfg. and trade inventories in constant (1972) dollars, end of period(seas. adj.),total \$..bil. \$.			263.2	265.1	268.0	270.0	270.0	272.1	274.3	276.1	277.6	278.3	279.0	*280.4	281.3	.....
Manufacturing.....do			136.9	138.2	138.9	140.5	141.6	142.6	144.0	144.9	145.3	145.1	144.9	*145.1	145.4	.....
Retail trade.....do			70.3	70.7	71.8	71.8	71.1	71.3	71.5	71.8	72.7	72.8	73.8	*74.9	75.5	.....
Merchant wholesalers.....do			56.0	56.2	57.3	57.7	57.2	58.2	58.8	59.4	59.6	60.3	60.3	*60.3	60.4	.....
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total @.....ratio..	1.37	1.33	1.32	1.33	1.33	1.32	1.32	1.34	1.35	1.37	1.37	1.36	1.35	1.37	1.38	.....
Manufacturing, total †.....do	1.52	1.46	1.43	1.42	1.44	1.45	1.46	1.47	1.48	1.50	1.50	1.49	1.46	1.48	1.49	.....
Durable goods industries.....do	2.01	1.85	1.80	1.81	1.86	1.84	1.84	1.88	1.85	1.91	1.90	1.87	1.84	*1.85	1.87	.....
Materials and supplies.....do	.60	.55	.54	.55	.55	.55	.55	.56	.56	.57	.56	.55	.54	.54	.55	.....
Work in process.....do	.90	.84	.81	.82	.85	.84	.85	.86	.85	.88	.87	.87	.85	.85	.87	.....
Finished goods.....do	.51	.45	.44	.44	.45	.45	.45	.45	.45	.46	.46	.46	.45	.46	.46	.....
Nondurable goods industries.....do	1.03	1.03	1.02	1.00	1.01	1.03	1.04	1.03	1.06	1.06	1.06	1.06	1.03	*1.05	1.05	.....
Materials and supplies.....do	.41	.41	.42	.40	.40	.41	.41	.41	.41	.42	.41	.42	.41	.40	.41	.....
Work in process.....do	.17	.16	.17	.16	.16	.16	.17	.16	.17	.16	.17	.16	.16	.16	.16	.....
Finished goods.....do	.46	.44	.44	.44	.44	.45	.46	.46	.48	.48	.48	.48	.47	.47	.47	.....
Retail trade, total †.....do	1.34	1.37	*1.37	*1.40	*1.39	*1.38	*1.36	*1.38	*1.39	*1.39	*1.40	*1.39	*1.41	*1.42	1.41	.....
Durable goods stores.....do	1.93	1.88	*1.83	*1.91	*1.89	*1.85	*1.79	*1.82	*1.84	*1.85	*1.83	*1.82	*1.85	*1.88	1.86	.....
Nondurable goods stores.....do	1.07	1.12	1.11	*1.13	*1.12	*1.13	*1.12	*1.14	*1.14	*1.14	*1.15	*1.14	*1.15	*1.16	1.15	.....
Merchant wholesalers, total †.....do	1.17	1.11	1.11	1.11	1.11	*1.09	*1.10	*1.12	1.13	1.14	*1.15	1.16	*1.15	1.15	1.16	.....
Durable goods establishments.....do	1.76	*1.60	*1.61	1.61	*1.58	*1.55	*1.56	1.60	*1.62	*1.64	*1.65	*1.67	1.69	*1.64	1.70	.....
Nondurable goods establishments.....do	*.71	.72	*.71	*.71	*.73	*.71	*.71	*.73	.72	.73	*.74	*.74	*.72	*.74	.72	.....
Manufacturing and trade in constant (1972) dollars, total \$.....do			1.51	1.52	1.52	1.50	1.50	1.52	1.53	1.55	1.56	1.55	1.53	*1.54	1.54	.....
Manufacturing.....do			1.72	1.72	1.74	1.74	1.75	1.77	1.76	1.80	1.80	1.78	1.74	*1.77	1.78	.....
Retail trade.....do			1.33	1.36	1.34	1.32	1.30	1.33	1.34	1.33	1.36	1.35	1.34	*1.36	1.36	.....
Merchant wholesalers.....do			1.34	1.33	1.34	1.30	1.29	1.32	1.34	1.37	1.37	1.36	1.36	*1.35	1.35	.....
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS ††																
Shipments (not seas. adj.), total.....mil. \$..	2,047,400	2,273,301	186,655	197,619	188,667	191,416	201,941	175,607	188,646	199,222	196,351	190,524	189,028	*177,117	193,331	.....
Durable goods industries, total.....do	1,021,514	1,183,672	96,948	103,730	97,967	99,968	106,969	88,455	96,864	103,634	104,269	101,101	99,929	*93,270	102,855	.....
Stone, clay, and glass products.....do	49,058	55,014	4,328	4,511	4,578	4,719	4,923	4,526	4,981	4,931	4,998	4,639	4,101	*4,012	4,342	.....
Primary metals.....do	117,904	133,563	11,457	12,404	11,772	11,756	12,215	10,321	11,183	10,793	11,157	10,477	9,447	*10,407	10,924	.....
Blast furnaces, steel mills.....do	48,189	56,166	4,789	5,211	5,012	5,097	5,264	4,436	4,663	4,510	4,659	4,315	3,936	*4,504	4,648	.....
Fabricated metal products.....do	120,570	137,684	11,121	11,589	11,181	11,426	12,017	10,531	11,612	11,959	12,339	12,222	11,735	*11,798	12,601	.....
Machinery, except electrical.....do	178,267	209,151	16,717	18,506	16,685	17,644	19,529	15,588	16,249	19,204	17,948	17,850	19,380	*14,820	17,100	.....
Electrical machinery.....do	156,016	181,630	14,495	15,791	14,637	14,970	16,510	13,668	14,975	16,681	15,603	15,340	16,540	*14,017	15,567	.....
Transportation equipment.....do	240,496	288,412	24,529	25,649	24,167	24,465	25,824	20,091	22,401	23,915	25,785	25,695	24,488	*25,232	27,694	.....
Motor vehicles and parts.....do	151,870	192,096	16,865	17,636	16,363	16,717	17,058	12,855	14,927	15,242	17,498	17,260	14,356	*17,895	18,723	.....
Instruments and related products.....do	50,016	56,422	4,333	4,851	4,634	4,710	5,122	4,386	4,668	5,170	4,809	4,788	4,940	*4,904	4,780	.....
Nondurable goods industries, total.....do	1,025,886	1,089,629	89,707	93,889	90,700	91,448	94,972	87,152	91,782	95,588	92,082	89,423	89,099	*83,847	90,476	.....
Food and kindred products.....do	286,605	295,086	24,300	25,454	24,339	24,545	25,408	23,700	24,418	25,963	25,101	24,293	24,766	*22,740	25,099	.....
Tobacco products.....do	15,462	16,919	1,241	1,500	1,286	1,420	1,641	1,291	1,494	1,571	1,379	1,343	1,717	*1,209	1,547	.....
Textile mill products.....do	52,219	55,286	4,771	5,186	4,694	4,762	4,995	3,856	4,730	4,936	4,659	4,274	4,157	*3,721	4,202	.....
Paper and allied products.....do	85,135	95,900	8,024	8,149	7,917	8,076	8,546	7,706	8,167	8,170	8,149	7,860	7,721	*7,810	8,308	.....
Chemical and allied products.....do	190,230	211,306	17,486	18,703	18,308	18,493	19,045	16,487	17,359	18,207	16,916	16,491	17,516	*17,089	18,023	.....
Petroleum and coal products.....do	191,551	197,895	15,825	16,842	16,579	16,534	17,044	16,471	16,469	17,328	16,412	16,340	16,318	*14,458	15,045	.....
Rubber and plastics products.....do	50,320	52,161	4,340	4,494	4,475	4,411	4,682	4,194	4,445	4,561	4,427	4,320	3,861	*3,887	4,154	.....
Shipments (seas. adj.), total.....do			185,005	188,479	187,332	189,376	190,401	190,658	192,006	190,151	190,521	191,978	195,487	*192,712	192,027	.....
By industry group:																.....
Durable goods industries, total #.....do			96,297	96,990	95,697	97,944	99,402	98,390	101,035	98,943	100,427	101,778	103,681	*103,667	102,260	.....
Stone, clay, and glass products.....do			4,634	4,458	4,486	4,612	4,495	4,719	4,525	4,666	4,703	4,669	4,764	*4,764	4,648	.....
Primary metals.....do			10,973	11,571	11,191	11,342	11,488	11,364	11,608	10,576	11,146	11,105	10,363	*10,654	10,463	.....
Blast furnaces, steel mills.....do			4,565	4,751	4,719	5,032	4,906	4,913	4,848	4,532	4,733	4,576	4,223	*4,540	4,431	.....
Fabricated metal products.....do			11,083	10,977	10,930	11,219	11,145	11,459	11,555	11,438	11,934	12,484	12,688	*13,104	12,625	.....
Machinery, except electrical.....do			16,481	17,029	16,768	17,704	17,821	17,292	17,307	18,418	17,941	18,171	17,948	*16,764	16,866	.....
Electrical machinery.....do			14,216	15,127	14,606	15,006	15,435	15,223	15,422	15,731	15,114	15,256	16,817	*15,308	15,347	

Units	Annual		1984										1985			
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																
Shipments (seas. adj.)—Continued																
By market category:																
Home goods and apparel.....mil. \$	'145,185	'155,749	13,070	13,124	12,680	13,204	13,202	13,116	12,877	12,736	12,882	12,664	12,946	'12,839	12,648	
Consumer staples.....do	'383,308	'403,646	32,477	33,699	33,741	33,786	33,798	34,295	33,658	33,483	33,609	33,521	34,726	'34,377	34,854	
Equipment and defense products, except auto.....do	'297,016	'338,134	26,409	27,193	26,809	27,830	28,829	27,841	28,244	29,795	28,824	29,690	30,847	'28,057	29,403	
Automotive equipment.....do	'174,193	'216,089	18,594	17,996	17,192	17,673	17,404	17,719	19,267	16,885	17,722	18,661	18,890	'21,548	20,349	
Construction materials, supplies, and intermediate products.....do	'157,168	'176,987	14,643	14,177	14,283	14,331	14,444	14,542	14,887	14,858	15,303	15,709	16,119	'16,291	15,668	
Other materials, supplies, and intermediate products.....do	'890,530	'982,696	79,812	82,290	82,627	82,552	82,724	83,145	83,073	82,394	82,181	81,733	81,959	'79,600	79,105	
Supplementary series:																
Household durables.....do	'64,777	'74,881	5,930	6,043	5,984	6,299	6,506	6,424	6,264	6,214	6,618	6,282	6,236	'6,448	6,158	
Capital goods industries.....do	'337,497	'385,013	30,010	30,967	30,784	31,643	32,869	31,852	32,177	33,875	32,891	33,562	35,305	'32,158	33,127	
Nondefense.....do	'272,339	'312,585	24,158	25,236	24,799	25,894	26,892	25,859	26,048	27,739	26,541	27,287	28,681	'25,638	26,314	
Defense.....do	'65,158	'72,428	5,852	5,731	5,985	5,749	5,977	5,993	6,129	6,136	6,350	6,275	6,624	'6,520	6,813	
Inventories, end of year or month:																
Book value (unadjusted), total.....do	257,601	281,960	265,548	268,783	272,650	276,642	277,528	279,512	282,950	283,371	285,459	284,814	281,960	'284,392	287,156	
Durable goods industries, total.....do	169,023	187,888	174,288	176,910	179,644	182,319	183,014	184,547	187,320	187,726	189,459	189,172	187,888	'190,321	192,580	
Non-durable goods industries, total.....do	88,578	94,072	91,260	91,873	93,006	94,323	94,514	94,965	95,630	95,645	96,000	95,642	94,072	'94,071	94,576	
Book value (seasonally adjusted), total.....do	260,426	285,414	264,074	267,379	270,392	274,593	277,481	280,019	283,525	285,372	286,426	285,833	285,414	'284,791	285,701	
By industry group:																
Durable goods industries, total #.....do	171,571	190,823	173,203	175,751	177,993	180,578	182,452	184,559	187,142	188,915	190,476	190,428	190,823	'191,315	191,446	
Stone, clay, and glass products.....do	5,677	5,878	5,596	5,687	5,730	5,782	5,860	5,878	5,923	5,959	5,916	5,915	5,878	'5,857	5,847	
Primary metals.....do	19,228	20,419	19,434	19,886	20,313	20,934	21,150	21,158	21,302	21,397	20,977	20,715	20,419	'19,933	19,241	
Blast furnaces, steel mills.....do	9,122	9,291	9,139	9,329	9,444	9,778	9,902	9,957	10,024	10,051	9,766	9,652	9,291	'8,889	8,788	
Fabricated metal products.....do	17,819	19,400	17,892	18,034	18,167	18,231	18,547	18,394	18,326	18,785	19,892	19,345	19,400	'19,142	19,148	
Machinery, except electrical.....do	36,711	40,623	37,089	37,444	37,873	38,155	38,519	39,060	40,070	39,926	40,520	40,664	40,623	'41,385	41,647	
Electrical machinery.....do	28,154	32,524	28,471	28,909	29,201	29,732	30,174	30,824	31,397	31,852	32,479	32,623	32,524	'33,117	33,144	
Transportation equipment.....do	40,528	47,350	41,206	42,882	42,756	43,757	44,219	45,093	45,895	46,731	47,236	46,722	47,350	'47,534	47,452	
Motor vehicles and parts.....do	9,460	11,289	9,751	9,934	9,974	10,178	10,281	10,565	10,523	10,684	10,924	10,785	11,289	'11,042	11,094	
Instruments and related products.....do	9,014	9,469	9,020	9,087	9,146	9,294	9,358	9,483	9,526	9,466	9,568	9,537	9,469	'9,566	9,726	
By stage of fabrication:																
Materials and supplies.....do	51,640	56,406	52,228	52,866	53,072	53,967	54,420	55,339	56,089	56,578	56,652	56,009	56,406	'55,950	55,761	
Work in process.....do	77,372	87,841	78,173	79,926	81,465	82,658	83,863	84,765	86,034	86,916	87,849	88,102	87,841	'88,095	88,505	
Finished goods.....do	42,559	46,576	42,802	42,959	43,456	43,953	44,169	44,455	45,019	45,421	45,975	46,317	46,576	'47,270	47,180	
Non-durable goods industries, total #.....do																
Food and kindred products.....do	88,855	94,591	90,871	91,628	92,399	94,015	95,029	95,460	96,383	96,457	95,950	95,405	94,591	'93,476	94,255	
Tobacco products.....do	20,797	23,786	21,354	21,629	21,511	22,203	22,071	22,039	22,285	21,582	23,995	23,958	23,786	'23,891	24,203	
Textile mill products.....do	3,931	3,555	3,831	3,771	3,683	3,645	3,566	3,501	3,470	3,573	3,600	3,548	3,555	'3,578	3,596	
Paper and allied products.....do	6,899	7,000	6,960	7,066	7,097	7,203	7,301	7,367	7,400	7,349	7,380	7,182	7,000	'6,923	6,948	
Chemicals and allied products.....do	8,729	9,701	8,898	8,914	9,036	9,123	9,203	9,353	9,425	9,599	9,638	9,746	9,701	'9,908	9,857	
Petroleum and coal products.....do	19,582	21,940	19,840	20,357	20,585	20,810	21,617	21,758	22,118	22,695	22,350	22,100	21,940	'21,283	21,300	
Rubber and plastics products.....do	8,232	8,469	8,739	8,319	8,947	9,050	8,892	8,858	8,889	8,819	8,967	8,818	8,469	'8,204	8,334	
By stage of fabrication:																
Materials and supplies.....do	36,066	36,601	37,063	36,956	36,931	37,642	37,495	37,618	37,643	37,733	37,435	37,250	36,601	'36,852	37,121	
Work in process.....do	14,485	14,811	14,739	14,759	14,822	15,022	15,160	15,038	15,239	14,974	14,902	14,834	14,811	'14,603	14,544	
Finished goods.....do	38,304	43,179	39,069	39,913	40,606	41,351	42,374	42,804	43,501	43,750	43,553	43,321	43,179	'42,021	42,590	
By market category:																
Home goods and apparel.....do	20,946	23,012	21,365	21,695	22,023	22,261	22,405	22,655	22,738	22,927	23,128	23,013	23,012	'23,201	22,881	
Consumer staples.....do	32,143	34,258	32,865	33,173	33,257	33,773	33,839	34,089	34,506	34,448	34,070	34,278	34,258	'34,133	34,471	
Equip. and defense prod., exc. auto.....do	73,257	83,050	74,025	74,849	76,020	77,061	77,863	79,224	81,117	81,778	83,276	83,196	83,050	'84,341	84,785	
Automotive equipment.....do	11,626	13,760	11,945	12,167	12,163	12,479	12,621	12,889	12,936	13,088	13,378	13,241	13,760	'13,468	13,573	
Construction materials, supplies, and intermediate products.....do	19,134	19,570	19,199	19,298	19,539	19,579	19,663	19,717	19,657	19,755	19,824	19,974	19,570	'19,504	19,492	
Other materials, supplies, and intermediate products.....do	103,320	111,764	104,675	106,197	107,390	109,440	111,090	111,445	112,571	113,376	112,750	112,131	111,764	'110,144	110,499	
Supplementary series:																
Household durables.....do	10,093	11,594	10,161	10,391	10,623	10,668	10,801	10,971	11,084	11,275	11,447	11,391	11,594	'11,871	11,661	
Capital goods industries.....do	83,191	94,395	83,839	85,207	86,342	87,746	88,778	90,369	92,358	93,187	94,546	94,188	94,395	'95,800	96,158	
Nondefense.....do	65,432	72,108	66,622	66,670	67,417	68,254	68,789	69,933	71,095	70,981	71,919	71,880	72,108	'72,891	73,015	
Defense.....do	17,759	22,287	18,217	18,537	18,925	19,492	19,989	20,776	21,263	22,206	22,627	22,300	22,890	'22,909	23,143	
New orders, net (not seas. adj.), total.....do																
Durable goods industries, total.....do	2,081,200	2,299,182	194,643	207,903	190,601	193,010	199,212	177,480	187,247	197,613	193,225	190,615	190,556	'182,866	196,369	
Durable goods industries, total.....do	1,053,671	1,210,184	104,611	114,091	99,921	101,659	104,411	90,211	95,892	102,182	101,507	101,483	101,304	'98,725	105,782	
Non-durable goods industries, total.....do	1,027,529	1,088,998	90,032	93,812	90,680	91,351	94,801	87,269	91,355	95,431	91,718	89,132	89,252	'84,141	90,587	
New orders, net (seas. adj.), total.....do																
Durable goods industries, total.....do	'1,053,671	'1,210,184	102,345	105,183	98,317	102,256	99,171	101,704	102,015	98,676	96,067	104,037	101,988	'104,985	103,687	
Primary metals.....do	'123,394	'131,912	11,442	11,657	11,877	10,653	10,155	11,183	11,245	10,281	10,597	10,848	10,067	'11,133	10,214	
Blast furnaces, steel mills.....do	'51,282	'54,974	4,773	4,988	4,782	4,357	3,877	4,576	4,714	4,074	4,613	4,652	4,585	'4,822	4,529	
Nonferrous and other primary metals.....do	'59,618	'61,456	5,316	5,309	5,770	5,046	4,913	5,203	5,197	4,937	4,808	5,041	4,415	'4,953	4,575	
Fabricated metal products.....do	'119,455	'139,116	11,411	10,931	10,889	11,573	11,084	11,024	12,034	11,878	12,054	12,426	13,003	'13,106	12,694	
Machinery, except electrical.....do	'180,874	'212,165	17,215	18,303	16,873	18,797	18,512	18,149	17,549	18,049	16,962	18,082	16,389	'15,074	20,358	
Electrical machinery.....do	'165,573	'190,885	16,143	16,892	14,716	17,535	15,988	16,267	16,403	16,792	14,631	14,497	15,399	'18,290	14,965	
Transportation equipment.....do	'254,004	'301,554	26,702													

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

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
GENERAL BUSINESS INDICATORS—Continued																	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																	
Unfilled orders, end of period (unadjusted), total.....mil. \$..	327,947	352,952	344,503	354,789	356,717	358,317	355,590	357,473	356,071	354,460	351,330	351,429	352,952	*358,461	361,490		
Durable goods industries, total.....do.....	317,423	343,060	333,278	343,641	345,592	347,289	344,731	346,493	345,519	344,063	341,300	341,688	343,060	*348,275	351,195		
Nondurable goods industries with unfilled orders ‡.....do.....	10,524	9,892	11,225	11,148	11,125	11,028	10,859	10,980	10,552	10,397	10,080	9,741	9,892	*10,186	10,295		
Unfilled orders, end of period (seasonally adjusted) total.....mil. \$..	330,122	355,184	340,725	348,717	351,099	355,398	355,625	358,990	359,564	359,232	354,566	356,756	355,184	*356,248	357,763		
By industry group:																	
Durable goods industries, total #.....do.....	319,303	344,989	329,512	337,702	340,320	344,631	344,765	348,065	349,048	348,782	344,422	346,678	344,989	*346,059	347,488		
Primary metals.....do.....	20,817	18,939	22,127	22,213	22,899	22,210	20,877	20,696	20,333	20,038	19,490	19,232	18,939	*19,417	19,169		
Blast furnaces, steel mills.....do.....	10,094	8,753	10,816	11,053	11,116	10,442	9,413	9,076	8,942	8,484	8,314	8,390	8,753	*9,034	9,133		
Nonferrous and other primary metals.....do.....	8,195	7,221	8,593	8,275	8,765	8,766	8,269	8,298	8,120	8,270	7,985	7,744	7,221	*7,291	7,032		
Fabricated metal products.....do.....	20,534	22,006	20,942	20,896	20,854	21,208	21,146	20,709	21,187	21,629	21,749	21,691	22,006	*22,007	22,076		
Machinery, except electrical.....do.....	58,363	61,193	59,930	61,205	61,309	62,400	63,095	63,949	64,191	63,821	62,842	62,755	61,193	*59,503	62,995		
Electrical machinery.....do.....	69,996	78,642	73,254	75,020	75,129	77,662	78,214	79,254	80,239	81,300	80,818	80,059	78,642	*81,622	81,240		
Transportation equipment.....do.....	134,467	147,554	137,621	142,845	144,527	145,107	145,534	147,224	146,324	145,599	143,195	146,696	147,554	*146,935	145,558		
Aircraft, missiles, and parts.....do.....	103,890	119,916	105,846	111,450	113,463	113,849	114,309	116,329	116,810	116,774	115,156	118,532	119,916	*119,696	118,581		
Nondurable goods industries with unfilled orders ‡.....do.....	10,819	10,195	11,213	11,015	10,779	10,767	10,860	10,925	10,516	10,450	10,144	10,078	10,195	*10,189	10,275		
By market category:																	
Home goods and apparel *.....do.....	4,234	4,019	4,909	4,589	4,499	4,733	4,590	4,631	4,650	4,656	4,455	4,005	4,019	*4,371	4,314		
Consumer staples *.....do.....	728	713	735	672	663	682	670	646	679	675	713	706	713	*712	833		
Equip. and defense prod., excl. auto.....do.....	196,656	219,541	202,168	208,444	208,951	212,164	213,950	215,960	218,093	218,346	217,110	221,215	219,541	*220,085	221,990		
Automotive equipment *.....do.....	7,618	6,349	8,039	7,913	8,121	8,010	7,888	7,863	7,540	7,077	6,650	6,336	6,349	*6,220	6,484		
Construction materials, supplies, and intermediate products.....do.....	12,276	13,042	12,385	12,489	12,471	12,570	12,561	12,403	12,660	12,661	12,790	12,762	13,042	*13,071	13,333		
Other materials, supplies, and intermediate products.....do.....	108,610	111,520	112,489	114,277	116,394	117,239	115,966	117,487	115,942	115,817	112,848	111,732	111,520	*111,789	110,809		
Supplementary series:																	
Household durables.....do.....	3,715	3,619	4,346	4,012	3,911	4,154	4,043	4,069	4,115	4,152	4,013	3,590	3,619	*3,951	3,806		
Capital goods industries.....do.....	236,703	263,448	242,889	250,319	251,670	254,663	256,817	259,820	261,729	262,274	259,679	263,586	263,448	*264,188	266,058		
Nondefense.....do.....	123,942	133,671	127,802	129,425	130,512	133,575	134,717	136,501	136,955	137,051	135,889	135,729	133,671	*131,171	134,358		
Defense.....do.....	112,761	129,777	115,087	120,894	121,158	121,088	122,100	123,319	124,774	125,223	123,790	127,857	129,777	*133,017	131,700		
BUSINESS INCORPORATIONS @																	
New incorporations (50 States and Dist. Col.):																	
Unadjusted.....number.....	600,400		51,501	57,003	54,257	54,338	55,878	52,040	53,326	*47,118	55,216	4,005	4,019	*4,371	4,314		
Seasonally adjusted.....do.....			53,591	53,424	53,933	51,166	54,729	52,092	51,723	*51,835	52,189	713	706	*712	833		
INDUSTRIAL AND COMMERCIAL FAILURES @																	
Failures, total.....number.....	31,334																
Commercial service.....do.....	8,627																
Construction.....do.....	5,247																
Manufacturing and mining.....do.....	4,433																
Retail trade.....do.....	11,429																
Wholesale trade.....do.....	3,598																
Liabilities (current), total.....thous. \$..	(*)																
Commercial service.....do.....	3,038,790																
Construction.....do.....	1,548,554																
Manufacturing and mining.....do.....	6,371,932																
Retail trade.....do.....	2,329,134																
Wholesale trade.....do.....	2,784,450																
Failure annual rate (seasonally adjusted) No. per 10,000 concerns.....																	

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS †																
Prices received, all farm products.....1910-14=100..	613	649	659	663	665	663	657	661	654	634	632	625	618	619	617	610
Crops #.....do.....	550	599	593	601	605	628	625	623	621	588	597	563	542	546	540	544
Commercial vegetables.....do.....	652	667	834	768	677	607	586	599	700	657	687	528	571	639	681	755
Cotton.....do.....	531	553	549	592	567	614	574	556	569	545	545	522	471	440	413	443
Feed grains and hay.....do.....	452	460	471	482	496	505	498	482	461	434	409	399	403	410	408	408
Food grains.....do.....	407	394	391	399	412	414	393	375	391	390	393	395	385	383	378	378
Fruit.....do.....	454	736	506	488	518	658	745	867	912	907	1,070	912	743	729	697	657
Tobacco.....do.....	1,429	1,513	1,457	1,448	1,444	1,444	1,444	1,444	1,521	1,635	1,605	1,635	1,609	1,574	*1,540	1,549
Livestock and products #.....do.....	679	701	726	727	725	699	689	699	687	680	667	690	697	696	697	679
Dairy products.....do.....	830	821	820	807	801	795	783	789	801	832	856	875	856	856	838	826
Meat animals.....do.....	831	854	869	890	881	863	860	872	855	826	799	823	852	856	*871	836
Poultry and eggs.....do.....	269	308	364	339	353	303	286	294	273	280	267	289	277	266	258	265
Prices paid:																
Production items.....do.....	883	899	903	*907	912	909	907	901	897	892	885	887	885	892	*891	888
All commodities and services, interest, taxes, and wage rates (parity index).....1910-14=100..	1,104	1,130	1,127	*1,131	1,136	1,135	1,134	1,131	1,130	1,128	1,125	1,127	1,125	1,130	*1,130	1,130
Parity ratio \$.....do.....	56	57	58	59	59	58	58	58	58	56	55	55	55	55	55	54
CONSUMER PRICES (U.S. Department of Labor Indexes)																
Not Seasonally Adjusted																
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W) ◊.....1967=100..	297.4	307.6	303.3	303.3	304.1	305.4	306.2	307.5	310.3	312.1	312.2	311.9	312.2	*312.6	313.9	315.3
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U) ◊.....1967=100..	298.4	311.1	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	316.1	317.4	318.8
Special group indexes:																
All items less shelter.....do.....	283.5	295.1	291.4	291.9	293.2	294.0	294.9	295.6	296.7	298.1	298.7	298.6	298.6	298.9	300.0	301.5
All items less food ◊.....do.....	298.3	311.3	305.9	306.8	308.6	310.0	311.0	312.0	313.2	315.2	316.1	316.2	316.2	316.3	317.4	319.1
All items less medical care ◊.....do.....	295.1	307.3	302.9	303.6	305.1	306.0	306.9	307.9	309.2	310.7	311.4	311.3	311.5	311.9	313.1	314.5

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
COMMODITY PRICES—Continued																	
CONSUMER PRICES—Continued																	
<i>(U.S. Department of Labor Indexes)—Continued</i>																	
Not Seasonally Adjusted																	
All items (CPI-U)—Continued																	
Commodities \diamond1967=100	271.5	280.7	278.3	278.7	280.1	280.4	280.6	280.6	281.4	282.3	283.1	283.0	282.8	282.7	284.0	285.3	
Nondurables.....do	279.0	286.6	285.3	285.5	286.3	286.1	286.0	287.1	288.0	288.8	288.8	288.3	288.0	289.2	291.0	291.0	
Nondurables less food.....do	266.3	270.8	269.1	269.3	270.7	271.1	270.5	269.5	270.0	272.3	273.6	273.3	272.2	269.7	270.2	273.2	
Durables \diamonddo	253.0	266.5	260.9	262.2	265.2	267.0	267.8	267.8	267.8	268.7	269.3	270.0	269.8	270.2	271.4	271.9	
Commodities less food \diamonddo	259.0	267.0	263.8	264.4	266.5	267.4	267.4	267.8	267.1	268.8	269.8	269.9	269.2	267.8	268.6	270.6	
Services \diamonddo	344.9	363.0	355.3	356.5	358.1	359.9	361.9	364.5	366.5	368.9	369.7	369.9	370.6	372.1	373.5	375.0	
Food #.....do	291.7	302.9	302.1	302.2	302.3	301.4	302.0	303.2	304.8	304.2	304.4	304.1	305.1	307.3	309.5	309.7	
Food at home.....do	282.2	292.6	293.6	293.1	292.8	290.7	291.4	292.5	294.4	293.4	293.4	292.4	293.2	296.1	298.6	298.4	
Housing \diamonddo	323.1	336.5	331.0	331.5	333.2	334.6	336.2	338.1	339.5	341.4	341.2	340.9	341.2	342.0	343.6	344.7	
Shelter # \diamonddo	344.8	361.7	354.0	355.5	357.8	358.9	360.2	362.7	364.6	366.5	367.8	368.9	370.1	371.2	373.3	374.3	
Rent, residential.....do	236.9	249.3	243.6	244.8	246.4	247.2	248.4	249.7	251.1	252.4	253.8	254.8	256.1	257.1	258.4	259.2	
Homeowners' cost *.....Dec. 1982=100	102.5	107.3	105.1	105.6	106.2	106.5	106.8	107.6	108.1	108.7	109.1	109.4	109.8	110.0	110.7	110.8	
Fuel and utilities #.....1967=100	370.3	387.3	383.0	380.1	380.9	385.5	390.0	393.9	395.5	397.0	392.4	387.5	386.0	387.2	386.5	388.2	
Fuel oil, coal, and bottled gas.....do	628.0	641.8	638.6	660.0	650.7	649.2	646.0	637.4	625.5	622.1	626.8	626.9	625.9	621.6	623.4	620.8	
Gas (piped) and electricity.....do	428.7	445.2	429.0	429.5	432.3	441.4	450.6	459.1	463.9	466.4	466.0	447.7	442.2	444.1	443.3	445.5	
Household furnishings and operation \diamonddo	238.5	242.5	240.4	241.2	242.3	242.4	242.3	241.9	242.2	244.1	244.3	244.2	244.2	244.2	246.2	246.9	
Apparel and upkeep.....do	196.5	200.2	196.2	198.8	199.2	198.9	197.4	196.6	200.1	204.2	205.7	205.2	203.2	199.8	201.8	205.3	
Transportation.....do	298.4	311.7	305.8	306.9	309.6	312.2	313.1	312.9	312.9	313.7	315.5	316.1	315.8	314.7	314.3	316.7	
Private.....do	293.9	306.6	300.8	301.9	304.8	307.4	308.1	307.5	307.5	308.4	310.2	310.8	310.4	309.1	308.7	311.0	
New cars.....do	202.6	208.5	207.2	207.2	207.4	207.6	207.7	208.1	208.2	209.6	211.4	212.0	212.0	213.1	213.9	214.1	
Used cars.....do	329.7	375.7	357.2	362.2	370.0	378.0	382.0	383.2	383.8	384.2	384.6	383.6	382.7	382.8	384.6	386.1	
Public.....do	362.6	385.2	377.4	377.4	378.0	378.7	385.2	389.3	390.8	389.5	391.1	391.8	392.3	394.5	394.4	397.3	
Medical care.....do	357.3	379.5	373.2	374.5	375.7	376.8	378.0	380.3	381.9	383.1	385.5	387.5	388.5	391.1	393.8	396.5	
Seasonally Adjusted †																	
All items, percent change from previous month \diamonddo			.4	.3	.4	.2	.2	.3	.4	.4	.3	.2	.3	.2	.3	.5	
Commodities \diamond1967=100			278.5	279.1	280.0	279.9	280.0	280.0	280.7	281.5	282.2	282.5	283.1	283.6	284.4	285.9	
Commodities less food \diamonddo			264.6	265.6	267.1	267.3	267.1	266.7	266.9	267.9	268.4	268.7	269.9	269.0	269.4	271.7	
Food.....do			302.0	301.9	301.6	301.0	301.5	302.6	304.2	304.4	305.4	305.9	307.2	307.7	309.3	309.2	
Food at home.....do			293.1	292.6	291.9	290.1	290.4	291.5	293.4	293.3	294.4	294.7	295.8	296.6	298.3		
Apparel and upkeep.....do			198.6	198.8	198.7	198.8	198.4	198.9	200.5	201.5	203.0	202.7	202.4	202.4	203.3		
Transportation.....do			307.0	309.8	311.8	312.4	312.5	311.8	311.8	312.8	313.9	314.5	315.0	315.8	315.6	319.7	
Private.....do			302.1	305.0	307.1	307.6	307.4	306.5	306.3	307.4	308.5	309.1	309.6	310.4	310.2	314.3	
New cars.....do			206.6	207.5	207.6	207.1	207.4	208.2	209.1	210.2	210.8	210.6	210.9	211.6	213.3		
Services \diamonddo			355.9	357.1	358.9	360.4	361.8	364.3	366.2	367.9	369.1	370.2	371.4	372.3	373.8	375.4	
PRODUCER PRICES \$																	
<i>(U.S. Department of Labor Indexes)</i>																	
Not Seasonally Adjusted																	
All commodities.....1967=100	303.1	310.3	308.9	311.0	311.3	311.5	311.3	311.9	310.7	309.3	309.4	*310.3	309.9	309.8	309.2	308.7	
By stage of processing:																	
Crude materials for further processing.....do	323.6	331.0	332.6	338.8	339.4	338.0	333.0	334.1	328.9	326.2	319.6	*323.2	323.1	319.4	318.3	312.9	
Intermediate materials, supplies, etc.....do	312.3	320.0	317.6	319.7	320.3	320.9	321.6	321.7	321.1	320.3	320.1	*320.4	319.8	318.6	318.6		
Finished goods #.....do	285.2	291.2	290.6	291.4	291.2	291.1	290.9	292.3	291.3	289.5	291.5	292.3	292.4	292.7	292.5		
Finished consumer goods.....do	284.6	290.4	290.1	291.1	290.8	290.3	290.1	291.6	290.4	288.7	290.3	291.2	291.3	291.1	290.7		
Capital equipment.....do	287.2	294.1	292.3	292.3	294.5	293.9	293.9	294.6	294.6	292.5	295.9	*296.5	296.4	298.1	299.1		
By durability of product:																	
Durable goods.....do	286.7	293.5	292.2	293.2	294.2	293.8	293.8	293.8	298.9	292.7	294.4	*294.9	294.8	295.7	296.3	296.4	
Nondurable goods.....do	315.7	323.3	321.9	324.8	324.7	325.3	324.9	326.0	323.7	322.3	320.9	*322.1	321.5	320.5	318.9		
Total manufactures.....do	295.7	302.9	301.2	302.8	303.2	303.8	303.9	304.3	303.3	302.2	303.2	303.9	303.5	303.9	303.2	303.3	
Durable manufactures.....do	287.3	293.9	292.4	293.3	294.3	293.9	294.0	294.2	294.5	293.2	295.1	*295.6	295.5	296.4	296.9		
Nondurable manufactures.....do	304.4	312.3	310.4	312.7	312.5	314.1	314.2	314.8	312.6	311.7	311.6	312.5	311.8	311.6	309.6		
Farm products, processed foods and feeds:																	
Farm products.....do	253.9	262.6	263.4	267.9	267.3	265.8	262.8	264.9	261.4	259.4	255.3	*258.1	259.2	258.0	257.8	255.0	
Farm products.....do	248.2	255.7	261.6	267.4	265.4	260.8	257.1	258.7	253.3	249.8	240.2	*245.7	245.7	243.2	244.6		
Foods and feeds, processed.....do	255.9	265.3	263.4	267.1	267.2	267.5	264.8	267.3	264.8	263.6	262.6	*263.8	265.5	265.1	263.9		
Industrial commodities:																	
Chemicals and allied products.....do	315.7	322.6	320.6	321.9	322.6	323.2	323.8	323.9	323.3	322.2	323.4	323.8	323.0	323.2	322.5	322.6	
Fuels and related prod. and power.....do	664.7	657.0	656.0	658.7	654.7	660.6	665.9	665.0	657.9	652.3	654.4	655.3	648.9	637.6	625.9		
Furniture and household durables.....do	214.0	218.6	217.2	217.4	218.2	219.1	219.1	219.2	219.2	219.0	219.2	*220.0	219.7	220.3	220.7		
Hides, skins, and leather products.....do	271.1	286.5	283.3	286.7	286.8	288.5	290.1	288.9	288.7	288.7	287.7	*283.8	282.9	284.3	284.8		
Lumber and wood products.....do	307.1	307.5	317.7	316.8	315.1	308.5	307.1	304.4	304.7	303.3	300.3	*301.0	303.3	304.3	303.4		
Machinery and equipment.....do	286.4	293.1	290.2	291.0	292.2	292.6	293.1	294.0	294.1	294.3	294.8	*295.3	295.6	296.7	297.4		
Metals and metal products.....do	307.2	316.0	314.8	316.8	317.9	317.4	317.3	316.1	316.2	315.6	316.0	*316.4	315.3	314.8	316.6		
Nonmetallic mineral products.....do	325.2	337.3	332.2	333.4	335.8	337.6	338.3	339.8	340.8	340.5	340.0	*339.6	339.9	342.3	342.7		
Pulp, paper, and allied products.....do	298.1	318.3	312.0	314.0	316.3	317.7	318.4	319.8	321.3	322.0	323.1	*324.1	323.2	326.6	326.9		
Rubber and plastics products.....do	243.2	247.2	246.2	246.4	247.3	247.5	247.6	247.5	247.7	248.3	246.6	*246.1	247.5	248.4	246.7		
Textile products and apparel.....do	205.1	209.9	209.6	209.9	209.9	210.5	210.2	210.5	210.1	210.7	210.4	*210.2	209.8	210.4	210.6		
Transportation equip. #.....Dec. 1968=100	256.7	262.6	262.2	262.4	262.7	262.5	262.2	262.5	262.3	257.8	265.0	*265.7	265.4	267.9	268.0		
Motor vehicles and equip.....1967=100	256.8	261.3	261.2	261.5	261.9	261.5	261.1	261.4	261.1	255.2	263.8	*264.3	263.9	266.6	266.7		
Seasonally Adjusted †																	
Finished goods, percent change from previous month.....do			.3	.5	.0	-.1	.0	.2	-.2	.0	-.1	.3	.2	.0	-.1	.2	
By stage of processing:																	
Crude materials for further processing.....1967=100			330.2	337.1	335.4	332.5	330.4	331.3	327.4	327.6	324.5	*329.1	329.3	322.2	316.1	311.5	

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	CONSTRUCTION AND REAL ESTATE																
CONSTRUCTION PUT IN PLACE																	
New construction (unadjusted), total.....mil. \$..	262,168	*309,740	20,237	22,925	24,332	26,962	28,204	28,410	29,577	29,447	*28,813	*27,073	*24,341	*21,918	21,396	.....
Private, total #.....do.....	211,370	*253,924	17,068	19,338	20,362	22,348	22,951	22,927	23,611	23,361	*23,256	*22,050	*20,375	*18,330	18,119	.....
Residential.....do.....	111,729	*133,518	8,860	10,437	11,035	12,052	12,400	12,571	12,779	12,504	*11,910	*11,072	*9,464	*8,826	8,580	.....
New housing units.....do.....	86,102	*102,349	6,696	7,725	8,068	8,965	9,413	9,668	9,852	9,586	9,418	8,971	*7,755	*7,048	6,651	.....
Nonresidential buildings, except farm and public utilities, total #.....mil. \$..	60,309	76,425	5,130	5,661	5,947	6,554	6,664	6,494	6,794	6,854	7,271	7,185	6,913	*6,351	6,279	.....
Industrial.....do.....	12,861	14,427	1,010	1,132	1,077	1,224	1,267	1,181	1,321	1,299	1,370	1,310	1,274	*1,111	1,121	.....
Commercial.....do.....	35,798	49,272	3,141	3,476	3,804	4,179	4,263	4,240	4,406	4,504	4,810	4,819	4,620	*4,317	4,275	.....
Public utilities:																	
Telephone and telegraph.....do.....	6,471	7,007	464	531	530	593	637	616	695	612	686	647	606	534	.....	.....
Public, total #.....do.....	50,798	*55,816	3,169	3,587	3,970	4,614	5,253	5,483	5,967	6,087	*5,557	*5,023	*3,966	*3,588	3,277	.....
Buildings (excl. military) #.....do.....	17,276	*17,780	1,286	1,312	1,346	1,476	1,640	1,564	1,674	1,697	*1,573	*1,577	1,430	*1,429	1,312	.....
Housing and redevelopment.....do.....	1,700	*1,823	121	128	111	134	153	127	158	161	*138	*148	*133	*139	127	.....
Industrial.....do.....	1,809	1,828	136	138	155	155	176	154	167	192	*145	*145	151	164	151	.....
Military facilities.....do.....	2,544	*2,836	178	253	219	227	217	211	249	346	*215	*290	*236	*243	248	.....
Highways and streets.....do.....	14,225	16,883	602	718	994	1,429	1,745	2,018	2,174	2,058	2,029	1,581	*955	*739	655	.....
New construction (seasonally adjusted at annual rates), total.....bil. \$..			300.4	309.7	308.6	316.4	315.3	314.2	318.0	318.7	*312.8	*308.1	*307.6	*316.2	320.6	.....
Private, total #.....do.....			248.1	255.0	254.1	261.2	257.8	258.2	261.2	260.9	*256.1	*251.6	*251.3	*259.0	264.1	.....
Residential.....do.....			137.4	141.1	136.6	138.4	136.4	137.8	138.9	137.1	*131.1	*125.9	*122.7	*128.5	132.5	.....
New housing units.....do.....			102.3	102.4	102.7	106.4	105.0	104.6	105.0	103.2	103.4	102.5	*101.8	*102.3	101.3	.....
Nonresidential buildings, except farm and public utilities, total #.....bil. \$..			69.0	72.8	74.3	78.7	76.3	75.0	76.2	77.9	*80.5	*81.8	*84.4	*85.4	86.8	.....
Industrial.....do.....			14.0	14.4	13.6	15.2	14.1	13.8	14.6	14.9	14.9	15.3	15.4	*15.1	15.6	.....
Commercial.....do.....			42.1	45.3	47.4	49.7	48.9	48.4	49.5	50.9	53.5	54.6	*56.7	*58.5	59.2	.....
Public utilities:																	
Telephone and telegraph.....do.....			6.4	6.3	6.8	6.8	7.2	7.3	7.5	7.2	7.2	7.2	7.6	7.7	.....	.....
Public, total #.....do.....			52.3	54.8	54.5	55.2	57.5	56.0	56.9	57.8	56.7	*56.3	*57.3	*57.3	56.4	.....
Buildings (excl. military) #.....do.....			17.0	17.0	17.1	17.7	19.0	17.6	18.1	18.1	18.2	*18.1	18.0	18.6	18.6	.....
Housing and redevelopment.....do.....			1.6	1.5	1.4	1.7	1.8	1.6	1.7	1.8	1.6	1.7	1.5	*1.8	1.7	.....
Industrial.....do.....			1.8	1.6	1.8	1.8	2.0	1.8	2.0	1.8	1.8	1.9	2.0	2.0	2.0	.....
Military facilities.....do.....			2.5	2.9	2.8	2.6	2.7	2.3	2.9	3.5	2.9	*3.1	*3.0	*3.2	3.3	.....
Highways and streets.....do.....			15.0	16.2	16.8	16.9	16.8	17.1	17.3	17.2	16.8	17.5	*17.6	*17.7	17.5	.....
CONSTRUCTION CONTRACTS																	
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																	
Valuation, total.....mil. \$..	193,603	209,861	14,442	*17,916	17,425	22,326	20,005	19,523	19,580	16,755	18,388	16,930	13,950	14,810	13,343	19,025	
Index (mo. data seas. adj.).....1977=100..	137	*149	149	145	147	163	144	150	148	146	145	151	150	*150	145	162	
Public ownership.....mil. \$..	45,338	49,116	3,766	*3,872	3,716	5,608	4,828	4,784	4,483	4,122	4,618	3,895	3,488	3,755	3,453	4,380	
Private ownership.....do.....	148,264	160,744	10,676	*14,045	13,710	16,719	15,177	14,738	15,097	12,633	13,771	13,035	10,463	11,055	9,890	14,645	
By type of building:																	
Nonresidential.....do.....	62,284	73,226	4,357	*5,913	5,405	7,212	6,746	6,896	6,766	5,750	7,402	6,400	5,583	5,528	4,774	6,443	
Residential.....do.....	93,567	100,763	6,989	*9,085	9,330	10,799	9,859	9,093	9,364	8,090	8,340	7,614	5,774	6,354	5,881	9,374	
Non-building construction.....do.....	37,752	35,872	3,096	*2,919	2,690	4,315	3,400	3,534	3,449	2,914	2,646	2,915	2,594	2,928	2,689	3,208	
New construction planning (Engineering News-Record) \$.....do.....	162,576	193,603	17,259	16,851	13,619	14,955	12,211	13,515	15,079	12,739	16,168	26,851	21,670	17,612	16,730	15,081	
HOUSING STARTS AND PERMITS																	
New housing units started:																	
Unadjusted:																	
Total (private and public).....thous..	1,712.4	1,755.8	130.4	138.1	173.0	*182.2	*184.3	163.1	147.8	*149.6	152.7	*126.5	99.0	*105.4	*94.9	144.9	
Privately owned.....do.....	1,703.0	1,749.5	130.0	137.5	172.7	180.7	184.0	162.1	147.4	148.5	152.3	126.2	98.9	*105.4	*94.5	144.7	
One-family structures.....do.....	1,067.6	1,084.2	81.0	87.8	106.4	115.2	111.0	97.9	91.9	90.5	91.9	80.0	62.8	*59.3	*62.8	90.9	
Seasonally adjusted at annual rates: †																	
Total privately owned.....do.....			2,208	1,700	1,949	1,787	1,837	1,730	1,590	1,669	1,564	1,600	1,630	*1,849	*1,631	1,895	
One-family structures.....do.....			1,440	1,076	1,163	1,118	1,077	996	962	1,009	979	1,043	1,112	*1,060	*1,123	1,149	
New private housing units authorized by building permits (17,000 permit-issuing places): ‡																	
Monthly data are seas. adj. at annual rates:																	
Total.....thous..	*1,605	1,678	1,969	1,765	1,802	1,774	1,819	1,590	1,508	1,481	1,436	1,613	1,627	1,676	*1,636	1,814	
One-family structures.....do.....	*902	925	1,149	1,004	983	943	941	849	835	865	817	838	852	924	*957	1,006	
Manufacturers' shipments of mobile homes @																	
Unadjusted.....thous..	295.7	295.2	22.2	25.5	25.8	28.9	27.7	24.5	30.0	24.3	27.7	21.8	16.6	18.6	19.7	.....
Seasonally adjusted at annual rates.....do.....			296	290	287	295	298	301	302	282	302	291	282	273	276	.....
CONSTRUCTION COST INDEXES																	
Dept. of Commerce composite.....1977=100..	157.1	*163.2	159.6	160.8	163.4	163.6	162.7	163.3	163.8	164.4	*164.3	*165.0	*166.0	*166.9	166.7	.....
American Appraisal Co., The:																	
Average, 30 cities.....1913=100..																	
Atlanta.....do.....																	
New York.....do.....																	
San Francisco.....do.....																	
St. Louis.....do.....																	
Boeckh indexes:																	
Average, 20 cities:																	
Apartments, hotels, office buildings.....1977=100..	159.6	166.8		165.1		166.4		167.8		168.1		168.3		168.5			
Commercial and factory buildings.....do.....	159.9	166.2		164.6		166.1		167.3		167.5		167.6		167.8			
Residences.....do.....	156.2	165.1		162.8		163.3		166.4		167.5		167.8		168.3			
Engineering News-Record:																	
Building.....do.....1967=100..	352.9	357.9	356.2	357.1	358.5	358.1	357.8	357.9	359.3	359.7	358.7	358.3	357.9	358.3	359.0	*359.4	
Construction.....do.....	378.6	386.2	382.9	383.4	384.7	385.6	387.3	387.9	388.1	388.7	387.4	387.1	388.3	388.4	388.8	*389.2	
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.).....1977=100..	146.5	155.0		149.3				152.1			154.4			166.0			

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

CONSTRUCTION AND REAL ESTATE—Continued

REAL ESTATE ◊																
Mortgage applications for new home construction:																
FHA net applications.....thous. units.....	176.1	115.6	10.3	12.9	11.4	11.1	8.2	8.0	7.8	7.4	9.7	9.8	9.2	11.1	11.5	12.9
Seasonally adjusted annual rates.....do.....	(*)		134	139	128	116	94	94	84	92	115	134	137	145	156	146
Requests for VA appraisals.....do.....	262.8	198.7	21.2	24.3	17.8	19.5	14.8	12.6	15.2	13.8	16.7	14.5	13.3	17.1	16.4	20.9
Seasonally adjusted annual rates.....do.....			260	263	193	214	167	143	164	188	185	193	213			
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount.....mil. \$.....	26,571.82	14,524.93	1,516.84	2,431.43	1,184.70	1,229.58	1,401.64	1,116.60	1,220.14	997.56	824.38	595.22	837.22	1,497.47	753.79	559.04
Vet. Adm.: Face amount \$.....do.....	17,896.60	12,728.42	1,449.02	1,201.61	1,113.53	1,080.92	1,059.60	1,131.31	997.60	775.49	861.28	667.57	846.71	723.44	866.69	826.25
Federal Home Loan Banks, outstanding advances to member institutions, end of period.....mil. \$.....	58,953	74,621	57,171	57,608	59,424	61,627	65,859	66,900	70,523	73,005	73,201	73,509	74,621	73,361	74,489	74,691
New mortgage loans of all savings and loan associations, estimated total.....mil. \$.....	135,290	157,021	10,394	13,630	13,697	15,896	17,576	14,706	14,363	11,428	11,214	11,035	12,806	9,351	9,309	
By purpose of loan:																
Home construction.....do.....	26,096	25,542	1,909	2,374	2,333	2,759	2,734	2,132	2,339	1,892	1,833	1,619	1,825	1,468	1,524	
Home purchase.....do.....	53,982	65,427	3,711	5,018	5,547	6,933	7,586	6,882	6,757	4,819	4,925	4,633	4,653	3,615	3,482	
All other purposes.....do.....	55,212	66,052	4,774	6,238	5,817	6,204	7,256	5,692	5,267	4,717	4,456	4,783	6,328	4,268	4,303	

DOMESTIC TRADE

ADVERTISING																
Magazine advertising (Leading National Advertisers):																
Cost, total.....mil. \$.....	4,005.7	4,668.0	325.1	374.2	425.1	419.5	360.5	338.8	303.1	404.5	504.7	503.7	437.8	283.7	374.2	
Apparel and accessories.....do.....	206.2	240.0	17.4	26.1	26.6	17.0	10.4	7.9	24.7	35.6	24.8	22.2	19.8	7.9	20.2	
Automotive, incl. accessories.....do.....	410.4	473.5	34.9	41.1	49.5	44.7	41.8	37.0	23.9	21.4	43.3	56.0	47.0	38.0	42.3	
Building materials.....do.....	53.5	68.7	2.6	5.1	8.8	11.5	5.0	6.2	3.0	8.3	6.5	5.7	2.6	2.7	4.2	
Drugs and toiletries.....do.....	385.7	463.6	34.1	35.7	40.6	44.9	41.6	33.0	36.9	45.8	46.0	39.6	37.7	24.4	35.6	
Foods, soft drinks, confectionery.....do.....	292.3	334.9	23.7	26.2	26.0	26.3	29.1	27.4	20.3	26.8	38.7	40.7	31.3	18.4	33.2	
Beer, wine, liquors.....do.....	230.2	242.1	13.6	16.4	20.5	19.0	20.0	17.4	12.6	14.8	22.3	28.1	48.8	8.5	14.1	
Household equip., supplies, furnishings.....do.....	171.1	191.6	8.0	13.9	21.7	22.6	16.4	11.9	9.5	14.8	24.8	22.8	17.5	7.4	10.5	
Industrial materials.....do.....	42.5	48.0	3.4	3.2	5.1	4.1	3.8	3.0	2.7	4.9	5.6	5.1	4.6	2.4	2.1	
Soaps, cleansers, etc.....do.....	25.1	34.6	1.7	3.6	2.9	2.6	1.8	2.5	2.6	4.4	4.0	3.9	2.5	2.9	4.5	
Smoking materials.....do.....	403.4	422.6	25.3	35.7	37.6	37.5	33.6	38.3	33.2	33.0	42.5	38.1	37.9	31.4	27.0	
All other.....do.....	1,784.7	2,148.5	160.4	167.3	185.9	193.2	158.1	149.0	132.9	193.7	246.3	241.0	198.2	139.7	180.8	
Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.):																
Total.....mil. \$.....	20,582		1,723	1,863	2,102	2,051	1,908									
Classified.....do.....	6,006		562	619	681	660	669									
National.....do.....	2,734		237	240	272	274	246									
Retail.....do.....	11,841		924	1,003	1,150	1,116	993									
WHOLESALE TRADE †																
Merchant wholesalers sales (unadj.), total.....mil. \$.....	1,235,370	1,368,851	105,186	117,669	110,781	123,039	117,922	112,436	117,273	109,640	120,843	116,315	111,747	111,786	104,123	
Durable goods establishments.....do.....	516,964	613,332	45,915	51,804	49,914	54,367	54,096	51,041	54,256	50,591	56,078	52,226	48,901	49,217	45,936	
Nondurable goods establishments.....do.....	698,406	755,469	59,271	65,865	60,867	68,672	63,826	61,445	63,017	59,049	64,765	64,089	62,846	62,569	58,187	
Merchant wholesalers inventories, book value, end of period (unadj.), total.....mil. \$.....	121,582	133,281	123,669	125,071	126,490	125,714	125,388	126,323	127,188	129,996	132,155	134,248	133,281	132,916	132,798	
Durable goods establishments.....do.....	77,099	86,090	78,012	79,998	80,496	81,124	82,444	83,079	84,076	85,731	88,378	86,610	86,090	85,213	85,686	
Nondurable goods establishments.....do.....	44,483	47,191	45,657	45,072	45,994	44,590	42,944	43,244	43,112	44,265	46,777	48,638	47,191	47,703	47,112	
RETAIL TRADE ‡																
All retail stores:																
Estimated sales (unadj.), total.....mil. \$.....	1,174,298	1,297,015	93,648	104,381	104,629	111,834	112,298	106,875	111,159	104,025	109,550	113,543	132,262	98,817	96,122	108,979
Durable goods stores #.....do.....	396,493	464,287	33,910	37,731	38,325	41,924	42,357	39,546	40,119	36,668	39,962	39,313	42,373	35,375	35,392	40,726
Building materials, hardware, garden supply, and mobile home dealers.....mil. \$.....	59,669	68,703	4,308	5,051	5,743	6,748	6,707	6,881	6,420	6,026	6,160	5,744	5,311	4,452	4,236	5,295
Automotive dealers.....do.....	232,750	277,008	21,590	23,872	23,917	25,851	25,974	24,075	23,902	21,097	23,757	22,378	20,895	21,790	22,410	25,858
Furniture, home furnishings, and equipment.....do.....	54,689	63,581	4,422	4,920	4,698	4,954	5,241	5,000	5,381	5,303	5,548	6,006	7,534	5,132	4,901	5,318
Nondurable goods stores.....do.....	777,305	832,728	59,738	66,650	66,304	69,910	69,941	67,329	71,040	67,357	69,588	74,230	89,889	63,442	60,730	68,253
General merch. group stores.....do.....	139,386	153,642	8,935	10,924	11,499	12,686	12,403	10,991	12,525	11,902	12,636	16,109	24,381	9,134	9,358	11,779
Food stores.....do.....	254,378	269,959	20,485	22,579	21,566	22,963	23,341	22,952	23,480	22,223	22,450	22,760	24,425	22,279	20,832	22,851
Gasoline service stations.....do.....	98,862	100,997	7,668	8,277	8,311	8,800	8,850	8,736	8,771	8,331	8,568	8,339	8,249	7,990	7,282	7,792
Apparel and accessory stores.....do.....	60,304	66,891	4,077	4,962	5,447	5,459	5,429	4,854	5,605	5,394	5,514	6,413	9,519	4,449	4,239	5,409
Eating and drinking places.....do.....	114,684	124,109	9,135	10,100	10,149	10,579	10,867	11,058	11,502	10,537	10,425	10,088	10,557	9,495	9,377	10,465
Drug and proprietary stores.....do.....	40,050	44,165	3,361	3,520	3,549	3,641	3,593	3,501	3,640	3,468	3,642	3,763	5,107	3,703	3,613	3,790
Liquor stores.....do.....	19,014	19,494	1,368	1,490	1,457	1,574	1,677	1,689	1,695	1,561	1,588	1,646	2,306	1,471	1,408	
Estimated sales (seas. adj.), total.....do.....			105,726	104,525	107,443	107,941	109,085	107,563	107,396	108,373	108,974	110,255	110,519	110,972	112,736	110,541
Durable goods stores #.....do.....			37,882	36,635	38,302	38,667	39,434	38,465	38,071	38,301	39,281	39,934	40,295	40,622	41,314	40,312
Bldg. materials, hardware, garden supply, and mobile home dealers #.....mil. \$.....			5,589	5,527	5,679	5,696	5,769	5,763	5,741	5,738	5,674	5,889	5,969	5,774	5,716	5,923
Building materials and supply stores.....do.....			4,103	4,033	4,110	4,118	4,127	4,135	4,120	4,156	4,123	4,299	4,403	4,180	4,175	
Hardware stores.....do.....			773	765	782	782	807	802	820	815	788	798	791	810	810	
Automotive dealers.....do.....			22,969	21,768	23,036	23,293	23,809	23,039	22,503	22,507	23,380	23,692	23,858	24,621	25,042	24,042
Motor vehicle and miscellaneous auto dealers.....do.....			20,923	19,780	20,992	21,253	21,740	20,991	20,479	20,489	21,352	21,730	21,846	22,598	23,002	22,056
Auto and home supply stores.....do.....			2,046	1,988	2,044	2,040	2,069	2,048	2,024	2,018	2,028	1,962	2,012	2,023	2,040	
Furniture, home furnishings, and equipment #.....do.....			4,999	5,020	5,150	5,139	5,265	5,154	5,279	5,485	5,513	5,600	5,629	5,547	5,738	5,528
Furniture, home furnishings stores.....do.....			2,790	2,794	2,908	2,906	2,958	2,894	2,938	2,992	3,001	3,021	3,011	2,891	3,055	
Household appliance, radio, and TV stores.....do.....			1,842	1,861	1,864	1,856	1,928	1,889	1,986	2,134	2,141	2,200	2,243	2,254	2,265	

See footnotes at end of tables.

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

Units	Annual		1984												1985		
	1983	1984	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. \$			'67,844	'67,890	'69,141	'69,274	'69,651	'69,098	'69,325	'70,072	'69,693	'70,321	'70,224	'70,350	'71,422	'70,229
General merch. group stores..... do			'12,501	'12,077	'12,547	'12,705	'12,858	'12,557	'12,711	'12,994	'12,853	'13,168	'13,197	'12,893	'13,480	'13,184
Department stores..... do			'10,502	'10,119	'10,557	'10,689	'10,802	'10,592	'10,700	'10,953	'10,830	'11,084	'11,125	'10,781	'11,318	'11,062
Variety stores..... do			'761	'737	'740	'745	'775	'786	'732	'762	'744	'795	'755	'737	'776	
Food stores..... do			'22,002	'22,116	'22,443	'22,391	'22,520	'22,662	'22,585	'22,836	'22,802	'22,843	'22,607	'23,076	'23,104	'22,741
Grocery stores..... do			'20,649	'20,701	'20,978	'20,951	'21,097	'21,269	'21,174	'21,411	'21,366	'21,364	'21,186	'21,720	'21,732	'21,328
Gasoline service stations..... do			'8,344	'8,604	'8,612	'8,619	'8,429	'8,234	'8,220	'8,323	'8,375	'8,372	'8,299	'8,349	'8,200	'8,117
Apparel and accessory stores #..... do			'5,363	'5,386	'5,555	'5,551	'5,742	'5,519	'5,448	'5,611	'5,551	'5,737	'5,772	'5,490	'5,762	'5,516
Men's and boys' clothing and furnishings stores..... do			'675	'691	'717	'712	'707	'675	'670	'684	'693	'741	'716	'696	694	
Women's clothing, specialty stores, and furriers..... do			'2,248	'2,233	'2,314	'2,298	'2,458	'2,315	'2,259	'2,345	'2,322	'2,395	'2,400	'2,274	2,414	
Shoe stores..... do			'851	'854	'857	'856	'876	'857	'858	'874	'867	'872	'855	879		
Eating and drinking places..... do			'10,139	'10,060	'10,180	'10,172	'10,281	'10,364	'10,591	'10,474	'10,312	'10,590	'10,621	'10,515	'10,741	'10,486
Drug and proprietary stores..... do			'3,580	'3,545	'3,640	'3,634	'3,655	'3,654	'3,684	'3,753	'3,759	'3,805	'3,851	'3,853	'3,936	'3,863
Liquor stores..... do			'1,551	'1,533	'1,601	'1,603	'1,651	'1,666	'1,654	'1,631	'1,644	'1,628	'1,619	'1,636		
Estimated inventories, end of period:																
Book value (unadjusted), total..... mil. \$	'135,194	'150,882	'141,444	'146,217	'149,123	'149,271	'147,613	'147,162	'148,258	'152,256	'160,142	'163,052	'150,882	150,868		
Durable goods stores #..... do	'66,115	'73,753	'69,479	'70,982	'72,761	'72,718	'71,320	'69,559	'68,375	'69,381	'72,476	'74,311	'73,753	75,710		
Bldg. materials, hardware, garden supply, and mobile home dealers..... do	'11,040	'11,769	'11,723	'12,097	'12,606	'12,601	'12,336	'12,101	'12,115	'12,055	'12,162	'11,945	'11,769	11,956		
Automotive dealers..... do	'31,510	'35,975	'33,924	'34,511	'35,319	'34,985	'33,769	'32,153	'30,563	'30,997	'32,955	'33,631	'35,975	37,250		
Furniture, home furnishings, and equipment..... do	'10,846	'12,158	'10,938	'10,993	'11,266	'11,424	'11,769	'11,658	'11,836	'11,964	'12,390	'12,702	'12,158	12,017		
Nondurable goods stores #..... do	'69,079	'77,129	'71,965	'75,235	'76,362	'76,553	'76,293	'77,603	'79,883	'82,875	'87,666	'88,741	'77,129	75,158		
General merch. group stores..... do	'23,629	'28,164	'25,600	'27,538	'28,563	'28,807	'28,469	'29,280	'30,781	'32,665	'35,231	'35,489	'28,164	26,867		
Department stores..... do	'18,398	'22,243	'19,985	'21,645	'22,480	'22,753	'22,415	'22,968	'24,114	'25,638	'27,573	'27,993	'22,243	21,139		
Food stores..... do	'14,591	'15,710	'14,383	'14,660	'14,734	'14,766	'15,017	'14,735	'14,734	'14,896	'15,569	'16,089	'15,710	15,481		
Apparel and accessory stores..... do	'12,435	'13,144	'13,116	'13,956	'14,096	'13,893	'13,649	'14,233	'14,601	'14,968	'15,604	'15,079	'13,144	12,733		
Book value (seas. adj.), total..... do	'139,123	'155,517	'144,908	'146,606	'149,627	'149,493	'148,649	'148,817	'149,508	'150,334	'152,130	'153,570	'155,517	157,603		
Durable goods stores #..... do	'66,845	'74,582	'69,327	'70,153	'72,232	'71,356	'70,504	'70,012	'70,201	'70,801	'71,896	'72,839	'74,582	76,936		
Bldg. materials, hardware, garden supply, and mobile home dealers..... do	'11,464	'12,234	'11,723	'11,802	'12,180	'12,151	'12,059	'12,113	'12,139	'12,214	'12,322	'12,189	'12,234	12,977		
Automotive dealers..... do	'31,322	'35,796	'33,097	'33,604	'34,900	'33,769	'32,849	'32,282	'32,410	'32,871	'33,662	'34,666	'35,796	37,064		
Furniture, home furn., and equip..... do	'11,000	'12,331	'11,173	'11,093	'11,403	'11,505	'11,734	'11,776	'11,777	'11,810	'11,948	'12,167	'12,331	12,989		
Nondurable goods stores #..... do	'72,278	'80,935	'75,581	'76,453	'77,395	'78,137	'77,965	'78,805	'79,307	'79,533	'80,234	'80,231	'80,935	80,667		
General merch. group stores..... do	'26,198	'31,253	'27,928	'28,330	'28,871	'29,324	'29,161	'29,656	'30,173	'30,492	'30,738	'30,677	'31,253	30,695		
Department stores..... do	'20,307	'24,578	'21,818	'22,223	'22,593	'23,076	'22,990	'23,416	'23,805	'24,051	'24,102	'24,078	'24,578	24,186		
Food stores..... do	'14,404	'15,508	'14,543	'14,645	'14,778	'14,855	'15,047	'15,020	'15,096	'15,046	'15,189	'15,352	'15,508	15,653		
Apparel and accessory stores..... do	'13,103	'13,880	'13,879	'14,126	'14,311	'14,352	'14,188	'14,479	'14,231	'14,028	'14,096	'14,086	'13,880	13,916		
Firms with 11 or more stores:																
Estimated sales (unadjusted), total..... mil. \$	'415,549	'450,430	'30,870	'35,398	'35,195	'37,710	'37,313	'35,131	'37,795	'35,971	'37,335	'42,155	'54,890	32,721		
Durable goods stores..... do	32,795	'37,697	2,366	2,775	2,885	3,249	3,250	3,119	3,154	3,024	3,124	3,558	'4,876	2,474		
Auto and home supply stores..... do	4,416	4,687	311	368	381	421	427	410	416	386	423	420	408	342		
Nondurable goods stores #..... do	'382,754	'412,733	'28,504	'32,623	'32,310	'34,461	'34,063	'32,012	'34,641	'32,947	'34,211	'38,597	'50,014	30,247		
General merchandise group stores..... do	'128,959	'142,334	8,253	10,124	10,617	'11,774	'11,489	10,117	'11,603	'11,010	11,656	15,014	'22,725	8,349		
Food stores..... do	'141,314	'148,957	11,486	12,685	11,833	12,602	12,684	12,341	'12,782	'12,134	12,298	12,694	'13,834	12,888		
Grocery stores..... do	'139,385	'146,983	11,331	12,532	11,662	12,449	12,533	12,192	'12,631	'11,987	12,144	12,529	'13,554	12,508		
Apparel and accessory stores..... do	22,237	'25,354	1,440	1,866	2,081	2,023	2,036	1,776	2,168	2,068	2,067	2,510	'3,890	1,544		
Eating places..... do	24,354	'26,999	2,030	2,263	2,221	2,292	2,305	2,368	2,449	2,269	2,285	2,225	'2,321	2,100		
Drug stores and proprietary stores..... do	21,582	'24,387	1,785	1,883	'1,921	2,001	1,973	1,916	1,993	1,912	'1,970	2,117	'3,135	2,021		
Estimated sales (seas. adj.), total #..... do	'36,789	'36,364	'37,102	'37,339	'37,492	'37,135	'37,361	'37,945	'37,758	'38,358	'38,462	'38,462	'38,353	38,353		
Auto and home supply stores..... do	386	'379	'381	398	394	'388	'389	'395	'395	'395	'399	'395	'395	400		
Department stores..... do	'10,406	'9,673	'10,095	'10,230	'10,340	'10,129	'10,235	'10,486	'10,346	'10,592	'10,346	'10,592	'10,638	10,314		
Variety stores..... do	'644	'614	'626	'632	'644	'615	'617	'645	'620	'667	'639	'639	'639	630		
Grocery stores..... do	12,093	'12,050	'12,193	'12,193	'12,180	'12,315	'12,251	'12,383	'12,417	'12,430	'12,378	'12,378	'12,378	12,776		
Apparel and accessory stores..... do	'2,031	'2,036	'2,062	'2,090	'2,154	'2,077	'2,035	'2,147	'2,103	'2,185	'2,213	'2,213	'2,166			
Women's clothing, specialty stores, and furriers..... do	'890	'891	'911	'913	'962	'902	'877	'944	'920	'957	'952	'947	'947	947		
Shoe stores..... do	'423	'417	'410	'421	'433	'422	'426	'419	'425	'433	'436	'436	'429	429		
Drug stores and proprietary stores..... do	'1,934	'1,933	'1,972	'1,995	'2,019	'2,006	'2,046	'2,090	'2,100	'2,132	'2,138	'2,157	'2,157			

LABOR FORCE, EMPLOYMENT, AND EARNINGS

LABOR FORCE AND POPULATION

Not Seasonally Adjusted

Noninstitutional population, persons 16 years of age and over *.....thous.

Labor force @.....do	175,891	178,080	177,363	177,510	177,662	177,813	177,974	178,138	178,295	178,483	178,661	178,834	179,004	179,081	179,219	179,368
Resident Armed Forces *.....do	113,226	115,241	113,052	113,514	113,845	114,941	117,083	117,896	116,788	115,563	115,955	115,814	115,726	115,172	115,295	116,095
Civilian noninstitutional population *.....do	1,676	1,697	1,684	1,686	1,693	1,690	1,690	1,698	1,712	1,720	1,705	1,699	1,698	1,697	1,703	1,701
Civilian labor force, total.....do	174,215	176,383	175,679	175,824	175,969	176,123	176,284	176,440	176,583	176,763	176,956	177,135	177,306	177,384	177,516	177,667
Employed.....do	111,550	113,544	111,368	111,828	112,152	113,251	115,393	116,198	115,076	113,843	114,250	114,115	114,028	113,475	113,592	114,394
Unemployed.....do	100,834	105,005	101,961	102,770												

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
LABOR FORCE—Continued																	
Seasonally Adjusted ◊																	
Civilian labor force—Continued																	
Unemployed—Continued																	
Rate(unemployed in each group as percent of civilian labor force in the group):																	
All civilian workers.....	9.6	7.5	7.8	7.8	7.8	7.5	7.2	7.5	7.5	7.4	7.3	7.1	7.2	7.4	7.3	7.3	
Men, 20 years and over.....	8.9	6.6	7.0	6.8	6.9	6.6	6.4	6.5	6.4	6.4	6.2	6.2	6.3	6.3	6.3	6.2	
Women, 20 years and over.....	8.1	6.8	6.9	6.9	6.9	6.8	6.5	6.8	7.0	6.6	6.9	6.5	6.4	6.5	6.7	6.7	
Both sexes, 16-19 years.....	22.4	18.9	19.4	19.8	19.3	19.0	18.1	18.4	18.4	19.0	18.7	17.8	18.8	18.9	18.4	18.2	
White.....	8.4	6.5	6.8	6.7	6.7	6.5	6.3	6.3	6.4	6.3	6.3	6.1	6.2	6.4	6.2	6.2	
Black *.....	19.5	15.9	16.5	16.6	16.7	16.0	15.2	16.6	15.8	15.1	15.3	15.1	15.0	14.9	16.3	15.2	
Hispanic origin *.....	13.7	10.7	10.3	11.4	11.5	10.7	10.3	10.5	10.7	10.6	11.0	10.3	10.4	10.6	9.7	10.2	
Married men, spouse present.....	6.5	4.6	4.9	4.7	4.7	4.6	4.6	4.5	4.5	4.6	4.5	4.4	4.4	4.6	4.4	4.2	
Married women, spouse present.....	7.0	5.7	5.9	5.8	5.8	5.8	5.7	5.8	5.8	5.7	5.7	5.4	5.4	5.7	5.4	5.9	
Women who maintain families.....	12.2	10.3	10.8	10.8	10.5	10.0	9.8	9.8	10.3	10.1	10.4	10.8	9.6	10.0	11.0	10.2	
Industry of last job:																	
Private nonagricultural wage and salary workers.....	9.9	7.4	7.8	7.7	7.7	7.3	7.0	7.4	7.4	7.3	7.2	7.2	7.2	7.3	7.3	7.2	
Construction.....	18.4	14.3	14.9	13.6	14.4	14.7	14.6	14.6	14.1	13.9	13.7	14.2	13.7	13.4	13.4	13.3	
Manufacturing.....	11.2	7.5	7.7	7.6	7.7	7.2	7.3	7.5	7.4	7.4	7.3	7.2	7.2	7.6	7.5	7.7	
Durable goods.....	12.1	7.2	7.5	7.7	7.5	7.1	7.2	6.9	6.9	6.9	6.9	7.0	7.1	7.2	7.1	7.4	
Agricultural wage and salary workers *.....	16.0	13.5	14.1	14.6	12.7	13.8	12.3	14.3	13.1	14.7	13.7	11.2	12.2	15.5	13.6	12.2	
Not Seasonally Adjusted																	
Occupation: †																	
Managerial and professional specialty.....	3.3		2.7	2.4	2.2	2.5	2.4	3.0	3.1	2.8	2.5	2.4	2.2	2.6	2.3	2.3	
Technical, sales, and administrative support.....	6.3		5.6	5.2	5.0	4.7	4.9	4.8	5.0	4.8	4.6	4.6	5.3	5.1	4.9	4.9	
Service occupations.....	10.9		9.5	9.6	9.2	8.7	8.4	9.2	9.3	8.9	9.1	8.8	8.5	9.0	8.8	8.8	
Precision production, craft, and repair.....	10.7		10.0	9.1	8.1	7.4	7.0	6.7	6.0	6.2	5.9	6.6	6.6	9.2	8.9	8.4	
Operators, fabricators, and laborers.....	15.5		13.7	12.8	11.9	10.9	10.5	10.8	10.5	10.2	10.6	10.7	11.7	13.4	13.1	12.5	
Farming, forestry, and fishing.....	10.0		11.5	11.2	8.6	6.8	5.9	6.0	5.8	7.4	7.9	8.4	11.8	13.4	12.8	10.7	
EMPLOYMENT †																	
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seas. variation.....thous..	90,138	94,156	91,612	92,234	93,229	94,164	95,003	94,239	94,500	95,358	95,902	96,260	96,308	94,628	94,846	95,660	
Private sector (excl. government).....do.....	74,287	78,187	75,477	76,030	77,013	77,913	78,973	79,033	79,401	79,597	79,686	79,887	80,029	78,558	78,490	79,203	
Seasonally Adjusted †																	
Total employees, nonagricultural payrolls.....do.....	90,138	94,156	92,846	93,058	93,449	93,786	94,135	94,350	94,523	94,807	95,157	95,497	95,681	96,045	96,157	96,588	
Private sector (excl. government).....do.....	74,287	78,187	76,971	77,185	77,546	77,864	78,241	78,422	78,566	78,698	79,054	79,371	79,618	79,971	80,064	80,417	
Nonmanufacturing industries.....do.....	55,790	58,597	57,598	57,719	58,016	58,294	58,612	58,726	58,841	59,082	59,368	59,653	59,817	60,163	60,325	60,704	
Goods-producing.....do.....	23,394	24,904	24,577	24,595	24,760	24,851	24,974	25,059	25,098	25,123	25,080	25,123	25,258	25,338	25,227	25,328	
Mining.....do.....	957	998	978	978	984	995	1,002	1,007	1,017	1,020	1,012	1,009	1,000	999	999	997	
Construction.....do.....	3,940	4,316	4,226	4,151	4,246	4,286	4,343	4,356	4,356	4,374	4,382	4,396	4,457	4,530	4,489	4,618	
Manufacturing.....do.....	18,497	19,590	19,373	19,466	19,530	19,570	19,629	19,696	19,725	19,616	19,686	19,718	19,801	19,808	19,739	19,713	
Durable goods.....do.....	10,774	11,635	11,440	11,513	11,551	11,598	11,652	11,702	11,758	11,696	11,752	11,776	11,834	11,844	11,797	11,779	
Lumber and wood products.....do.....	658	710	706	712	714	711	712	708	706	703	710	713	717	715	708	709	
Furniture and fixtures.....do.....	447	484	480	483	482	482	485	485	484	481	487	492	495	497	497	499	
Stone, clay and glass products.....do.....	573	605	604	606	604	605	605	606	603	603	606	606	612	614	608	612	
Primary metal industries.....do.....	838	874	877	877	879	887	884	880	879	865	866	865	869	860	854	848	
Fabricated metal products.....do.....	1,374	1,476	1,447	1,456	1,459	1,469	1,479	1,490	1,491	1,485	1,495	1,498	1,502	1,498	1,494	1,489	
Machinery, except electrical.....do.....	2,038	2,214	2,151	2,166	2,189	2,203	2,226	2,242	2,252	2,243	2,255	2,251	2,253	2,248	2,242	2,240	
Electric and electronic equip.....do.....	2,024	2,234	2,175	2,202	2,212	2,228	2,237	2,252	2,267	2,263	2,269	2,274	2,281	2,282	2,276	2,274	
Transportation equipment.....do.....	1,756	1,928	1,898	1,905	1,905	1,906	1,917	1,926	1,961	1,939	1,945	1,957	1,993	2,010	2,002	1,993	
Instruments and related products.....do.....	695	723	715	718	719	722	723	727	726	726	729	731	732	731	733	735	
Miscellaneous manufacturing.....do.....	371	387	387	388	388	385	384	386	389	388	390	389	390	389	388	380	
Nondurable goods.....do.....	7,724	7,954	7,933	7,953	7,979	7,972	7,977	7,994	7,967	7,920	7,934	7,942	7,967	7,964	7,942	7,934	
Food and kindred products.....do.....	1,622	1,643	1,637	1,638	1,648	1,643	1,644	1,655	1,642	1,630	1,640	1,644	1,658	1,660	1,654	1,653	
Tobacco manufactures.....do.....	69	67	65	66	67	67	67	66	65	69	69	67	69	69	69	68	
Textile mill products.....do.....	744	753	767	769	766	762	759	755	751	744	735	731	727	728	721	715	
Apparel and other textile products.....do.....	1,164	1,202	1,213	1,218	1,226	1,217	1,209	1,206	1,181	1,178	1,178	1,186	1,185	1,185	1,177	1,177	
Paper and allied products.....do.....	662	682	680	680	680	681	685	687	686	680	684	688	684	684	683	683	
Printing and publishing.....do.....	1,296	1,361	1,333	1,339	1,348	1,356	1,362	1,368	1,371	1,375	1,380	1,386	1,386	1,390	1,392	1,396	
Chemicals and allied products.....do.....	1,047	1,061	1,054	1,054	1,057	1,057	1,062	1,064	1,067	1,063	1,065	1,066	1,068	1,065	1,064	1,064	
Petroleum and coal products.....do.....	195	188	190	190	189	188	188	187	187	186	185	185	184	184	183	182	
Rubber and plastics products, nec.....do.....	718	796	784	790	790	795	797	801	800	798	805	810	814	812	813	810	
Leather and leather products.....do.....	208	202	210	209	208	206	204	205	198	194	193	192	191	187	186	186	
Service-producing.....do.....	66,744	69,254	68,269	68,463	68,689	68,935	69,161	69,291	69,425	69,797	70,077	70,374	70,423	70,707	70,930	71,210	
Transportation and public utilities.....do.....	4,958	5,170	5,105	5,112	5,129	5,144	5,163	5,175	5,202	5,213	5,225	5,226	5,249	5,266	5,279	5,266	
Wholesale trade.....do.....	5,259	5,526	5,438	5,457	5,473	5,492	5,502	5,528	5,544	5,588	5,612	5,623	5,641	5,665	5,670	5,685	
Retail trade.....do.....	15,545	16,261	15,980	16,030	16,095	16,166	16,245	16,283	16,295	16,342	16,468	16,644	16,626	16,707	16,757	16,836	
Finance, insurance, and real estate.....do.....	5,467	5,665	5,593	5,613	5,640	5,662	5,676	5,676	5,679	5,684	5,705	5,725	5,749	5,764	5,800	5,828	
Services.....do.....	19,665	20,662	20,278	20,378	20,449	20,549	20,681	20,701	20,748	20,861	20,964	21,030	21,095	21,231	21,331	21,471	
Government.....do.....	15,851	15,969	15,875	15,873	15,903	15,922	15,894	15,928	15,957	16,109	16,103	16,126	16,063	16,074	16,093	16,124	
Federal.....do.....	2,752	2,783	2,763	2,770	2,771	2,785	2,777	2,779	2,785	2,804	2,798	2,804	2,809	2,807	2,805	2,811	
State *.....do.....	3,660	3,702	3,682	3,686	3,693	3,699	3,699	3,714	3,725	3,719	3,724	3,711	3,713	3,726	3,744	3,744	
Local *.....do.....	9,439	9,483	9,430	9,417	9,439	9,438	9,418	9,452	9,458	9,580	9,591	9,598	9,543	9,554	9,562	9,566	
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted.....thous..	60,021	63,300	60,909	61,384	62,301	63,121	64,043	64,034	64,339	64,524	64,610	64,769	64,864	63,417	63,314	63,903	
Manufacturing.....do.....	12,581	13,455	13,163	13,280	13,368	13,459	13,610	13,461	13,641	13,715	13,655	13,573	13,506	13,3			

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

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

EMPLOYMENT †—Continued																
Seasonally Adjusted †																
Production or nonsupervisory workers—Continued																
Nondurable goods.....thous.	5,430	5,610	5,608	5,619	5,644	5,639	5,632	5,642	5,613	5,572	5,582	5,580	5,602	*5,604	*5,584	*5,578
Food and kindred products.....do	1,118	1,140	1,133	1,133	1,143	1,142	1,142	1,152	1,140	1,131	1,137	1,140	1,153	*1,156	*1,151	*1,149
Tobacco manufactures.....do	52	51	49	50	50	50	50	50	49	53	53	51	52	*53	*52	*51
Textile mill products.....do	641	651	665	666	665	661	658	652	649	642	634	629	627	*629	*620	*617
Apparel and other textile products.....do	984	1,017	1,028	1,031	1,039	1,033	1,021	1,018	1,013	998	996	995	1,003	*1,001	*995	*993
Paper and allied products.....do	495	513	511	512	512	512	515	516	516	510	514	513	515	*516	*515	*516
Printing and publishing.....do	710	751	734	737	744	748	752	757	757	758	762	765	763	*766	*769	*770
Chemicals and allied products.....do	581	589	588	588	589	588	590	591	592	590	590	588	588	*587	*586	*587
Petroleum and coal products.....do	118	110	112	111	111	111	110	110	110	110	110	110	109	*110	*111	*112
Rubber and plastics products, nec.....do	556	621	612	616	616	621	623	624	622	619	626	630	634	*631	*631	*629
Leather and leather products.....do	174	168	176	175	175	173	171	172	165	161	160	159	158	*155	*154	*154
Service-producing.....do	43,737	45,774	45,009	45,146	45,354	45,553	45,763	45,840	45,945	46,127	46,366	46,643	46,691	*46,909	*47,088	*47,227
Transportation and public utilities.....do	4,073	4,260	4,198	4,207	4,228	4,236	4,253	4,265	4,293	4,295	4,305	4,310	4,330	*4,336	*4,349	*4,341
Wholesale trade.....do	4,220	4,452	4,375	4,395	4,406	4,425	4,430	4,458	4,466	4,502	4,529	4,531	4,551	*4,574	*4,576	*4,597
Retail trade.....do	13,951	14,565	14,317	14,341	14,434	14,493	14,558	14,586	14,592	14,626	14,735	14,920	14,883	*14,950	*14,996	*14,989
Finance, insurance, and real estate.....do	4,066	4,209	4,161	4,165	4,175	4,195	4,217	4,217	4,233	4,227	4,240	4,252	4,269	*4,282	*4,296	*4,309
Services.....do	17,428	18,288	17,958	18,038	18,111	18,204	18,305	18,314	18,361	18,477	18,557	18,630	18,658	*18,767	*18,871	*18,991
AVERAGE HOURS PER WEEK †																
Seasonally Adjusted																
Avg. weekly hours per worker on private nonag. payrolls: ◊																
Not seasonally adjusted.....hours	35.0	35.3	35.0	35.0	35.3	35.2	35.5	35.6	35.5	35.5	35.5	35.2	35.1	35.5	34.8	34.7
Seasonally adjusted.....do			35.3	35.3	35.4	35.3	35.3	35.2	35.2	35.4	35.1	35.2	35.3	35.2	35.0	35.1
Mining †.....do	42.5	43.4	42.9	42.8	43.0	43.2	43.7	43.0	43.5	44.0	43.2	43.5	44.2	*43.0	*42.9	*43.3
Construction †.....do	37.2	37.8	37.0	36.7	37.5	38.2	38.6	38.6	38.5	38.5	38.5	38.0	37.4	*36.4	*36.4	*37.3
Manufacturing:																
Not seasonally adjusted.....do	40.1	40.7	40.7	40.7	40.9	40.6	40.8	40.3	40.4	40.7	40.5	40.7	41.2	40.3	39.7	*40.3
Seasonally adjusted.....do			40.9	40.7	41.1	40.6	40.6	40.5	40.5	40.6	40.4	40.5	40.7	40.6	39.9	*40.4
Overtime hours.....do	3.0	3.4	3.5	3.5	3.7	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.3	*3.3
Durable goods.....do	40.7	41.4	41.7	41.4	41.8	41.3	41.2	41.2	41.2	41.5	41.3	41.2	41.4	41.4	40.5	*41.0
Overtime hours.....do	3.0	3.6	3.8	3.7	4.0	3.5	3.5	3.5	3.4	3.5	3.6	3.6	3.6	3.6	3.6	*3.5
Lumber and wood products.....do	40.1	39.9	40.4	40.1	40.4	39.6	39.4	39.3	39.4	40.2	39.7	39.5	40.0	*40.0	*38.8	*39.3
Furniture and fixtures.....do	39.4	39.7	39.9	39.6	39.7	39.7	39.1	39.8	39.1	39.9	39.6	39.8	39.6	*40.5	39.4	*39.3
Stone, clay, and glass products.....do	41.5	42.0	42.5	41.9	42.3	42.1	41.8	41.9	41.7	42.0	41.8	41.8	41.7	41.6	41.2	*41.9
Primary metal industries.....do	40.5	41.6	42.0	41.8	42.2	42.1	41.7	41.5	41.0	41.3	41.3	41.5	41.2	41.0	40.9	*41.0
Fabricated metal products.....do	40.6	41.4	41.8	41.3	41.8	41.4	41.3	41.1	41.5	41.3	41.1	41.4	41.4	*41.4	40.5	*41.1
Machinery, except electrical.....do	40.5	41.9	41.9	41.9	42.3	41.9	42.0	41.8	42.0	42.0	41.9	41.7	41.8	41.7	41.0	*41.4
Electric and electronic equip.....do	40.5	41.0	41.2	41.0	41.3	41.0	40.8	40.8	40.9	41.2	40.9	41.0	41.0	*40.8	40.0	*40.6
Transportation equipment.....do	42.1	42.7	43.1	42.9	43.5	42.4	42.3	42.2	42.4	42.8	42.4	42.4	43.0	*43.3	41.7	*42.6
Instruments and related products.....do	40.4	41.3	41.2	41.1	41.4	40.7	41.3	41.3	41.1	41.5	41.2	41.5	41.8	41.2	40.5	*41.0
Miscellaneous manufacturing †.....do	39.1	39.4	39.6	39.6	39.5	39.3	39.2	38.9	39.1	39.6	39.7	39.7	39.9	*38.6	38.5	*39.0
Nondurable goods.....do	39.4	39.6	39.9	39.8	40.2	39.6	39.6	39.4	39.5	39.4	39.3	39.4	39.6	39.5	39.1	*39.5
Overtime hours.....do	3.0	3.1	3.3	3.3	3.4	3.1	3.2	3.1	3.1	3.0	2.9	3.2	3.1	2.9	2.9	*3.0
Food and kindred products.....do	39.5	39.8	39.7	39.8	40.1	39.7	39.8	39.5	39.7	39.6	39.6	39.7	40.1	39.8	39.5	*39.9
Tobacco manufactures †.....do	37.4	38.9	36.4	36.9	39.5	39.6	40.5	37.5	39.2	39.6	39.9	40.1	38.8	*37.3	37.2	*36.7
Textile mill products.....do	40.5	39.9	40.8	40.6	41.2	40.0	40.0	39.8	39.4	39.2	38.7	39.0	39.2	*39.3	38.7	*39.0
Apparel and other textile products.....do	36.2	36.4	36.9	36.7	37.4	36.5	36.4	35.8	36.0	35.9	35.9	36.0	36.4	*36.2	35.6	*36.0
Paper and allied products.....do	42.6	43.1	43.2	43.0	43.2	43.1	42.9	43.3	43.1	43.1	43.0	43.2	43.1	43.1	42.7	*43.1
Printing and publishing.....do	37.6	37.9	37.9	37.9	38.2	38.0	37.7	37.7	37.8	37.9	37.8	37.9	37.7	*37.9	37.7	*37.7
Chemicals and allied products.....do	41.6	41.9	42.1	42.0	42.0	41.8	41.9	41.9	42.0	41.8	41.6	41.7	41.9	42.0	41.8	*42.3
Petroleum and coal products.....do	43.9	43.7	44.5	44.7	43.7	43.5	43.1	43.2	43.9	43.1	43.5	43.5	42.9	*43.4	43.4	*43.9
Rubber and plastics products, nec †.....do	41.2	41.7	42.0	41.7	42.1	41.7	41.9	41.2	41.4	41.5	41.4	41.6	42.0	*41.4	40.6	*41.3
Leather and leather products.....do	36.8	36.8	37.2	36.7	37.5	36.5	36.7	37.0	36.0	36.5	36.4	36.4	36.9	*37.0	36.5	*37.4
Transportation and public utilities.....do	39.0	39.4	39.3	39.2	39.5	39.4	39.6	39.8	39.4	39.8	39.1	39.4	39.2	*39.2	39.4	*39.4
Wholesale trade.....do	38.5	38.6	38.5	38.5	38.7	38.6	38.6	38.7	38.8	38.6	38.6	38.6	38.6	38.6	38.5	*38.7
Retail trade.....do	29.8	30.0	30.0	30.1	30.0	30.1	30.2	29.9	29.9	30.0	29.8	29.9	30.1	*29.8	29.7	*29.8
Finance, insurance, and real estate †.....do	36.2	36.5	36.4	36.3	36.5	36.3	36.3	36.7	36.4	36.6	36.5	36.4	36.7	36.5	36.4	*36.4
Services.....do	32.7	32.8	32.7	32.8	32.8	32.7	32.7	32.7	32.6	32.8	32.7	32.7	32.8	32.7	32.7	*32.7
AGGREGATE EMPLOYEE-HOURS †																
Seasonally Adjusted																
Employee-hours, wage & salary workers in non-agric. establish., for 1 week in the month, seas adj. at annual rate.....bil. hours	167.91	177.00	174.44	173.66	176.89	176.27	176.99	177.06	177.49	178.87	178.39	177.37	179.63	*179.89	*179.17	*180.68
Total private sector.....do	136.75	145.26	142.57	142.32	144.56	144.78	145.56	145.67	145.61	146.55	146.21	147.05	148.00	*147.86	*147.71	*148.73
Mining.....do	2.12	2.26	2.20	2.19	2.26	2.27	2.29	2.27	2.27	2.30	2.24	2.27	2.27	*2.25	*2.24	*2.27
Construction.....do	7.62	8.78	8.40	7.86	8.30	8.43	8.58	8.53	8.58	8.64	8.56	8.64	8.68	*8.84	*8.86	*9.02
Manufacturing.....do	38.42	41.06	40.69	40.69	41.20	41.03	41.14	41.20	41.26	41.08	41.11	41.17	41.48	*41.48	*40.85	*41.12
Transportation and public utilities.....do	10.12	10.62	10.38	10.40	10.55	10.57	10.66	10.72	10.68	10.81	10.69	10.72	10.72	*10.72	*10.86	*10.80
Wholesale trade.....do	10.53	11.09	10.87	10.89	11.01	11.04	11.06	11.11	11.56	11.27	11.26	11.27	11.31	*11.36	*11.37	*11.43
Retail trade.....do	24.09	25.37	24.82	24.94	25.16	25.34	25.48	25.45	25.29	25.48	25.49	25.88	26.07	*25.80	*25.89	*26.20
Finance, insurance, and real estate.....do	10.30	10.76	10.55	10.54	10.68	10.67	10.75	10.82	10.77	10.93	10.84	10.86	11.00	10.94	*10.98	*11.02
Services.....do	33.55	35.62	34.66	34.80	35.40	35.42	35.62	35.57	35.60	36.06	36.02	36.22	36.46	36.47	*36.70	*36.87
Government.....do	31.16	31.72	31.87	31.35	32.33	31.50</										

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

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Units	Annual		1984										1985			
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
HOURLY AND WEEKLY EARNINGS ++																
Average hourly earnings per worker: ◊																
Not seasonally adjusted:																
Private nonagric. payrolls.....dollars..	8.02	8.33	8.24	8.24	8.29	8.28	8.29	8.32	8.30	8.43	8.40	8.43	8.46	8.50	*8.52	*8.53
Mining.....do.....	11.27	11.58	11.49	11.60	11.62	11.56	11.57	11.57	11.57	11.66	11.52	11.57	11.64	*11.79	*11.85	*11.82
Construction.....do.....	11.92	12.03	11.99	11.97	11.95	11.99	11.94	11.97	12.01	12.15	12.14	12.01	12.17	*12.22	*12.26	*12.20
Manufacturing.....do.....	8.83	9.17	9.06	9.09	9.11	9.11	9.14	9.18	9.14	9.23	9.22	9.30	9.38	9.42	9.42	*9.44
Excluding overtime.....do.....	8.51	8.80	8.70	8.73	8.75	8.76	8.77	8.82	8.77	8.84	8.85	8.92	8.99	9.06	9.06	*9.09
Durable goods.....do.....	9.38	9.72	9.63	9.66	9.67	9.66	9.69	9.70	9.68	9.77	9.76	9.82	9.94	9.97	9.97	*9.99
Excluding overtime.....do.....	9.05	9.31	9.23	9.25	9.27	9.27	9.29	9.32	9.28	9.35	9.35	9.40	9.50	9.57	9.57	*9.60
Lumber and wood products.....do.....	7.79	7.99	7.88	7.87	7.89	7.92	8.04	8.01	8.05	8.15	8.06	8.01	8.04	8.05	*8.06	*8.01
Furniture and fixtures.....do.....	6.62	6.86	6.75	6.76	6.76	6.80	6.84	6.88	6.90	6.95	6.95	6.96	7.01	*7.03	*7.04	*7.08
Stone, clay, and glass products.....do.....	9.27	9.56	9.38	9.40	9.51	9.54	9.58	9.64	9.62	9.64	9.63	9.66	9.67	9.69	*9.71	*9.71
Primary metal industries.....do.....	11.34	11.43	11.49	11.44	11.51	11.49	11.46	11.45	11.34	11.39	11.31	11.44	11.44	*11.50	*11.65	*11.66
Fabricated metal products.....do.....	9.11	9.36	9.31	9.31	9.34	9.33	9.33	9.33	9.30	9.41	9.38	9.42	9.55	9.57	*9.56	*9.60
Machinery, except electrical.....do.....	9.55	9.96	9.87	9.90	9.91	9.90	9.93	9.96	9.92	10.01	10.01	10.06	10.16	10.12	*10.13	*10.15
Electric and electronic equip.....do.....	8.65	8.99	8.86	8.88	8.89	8.89	8.91	8.95	9.00	9.08	9.09	9.15	9.27	*9.28	*9.27	*9.34
Transportation equipment.....do.....	11.66	12.19	12.00	12.12	12.06	12.04	12.14	12.13	12.13	12.23	12.29	12.42	12.59	*12.64	*12.59	*12.57
Instruments and related products.....do.....	8.46	8.81	8.66	8.71	8.73	8.71	8.78	8.83	8.85	8.92	8.89	8.91	8.99	*8.96	9.06	*9.08
Miscellaneous manufacturing.....do.....	6.80	7.00	6.97	6.97	6.97	6.99	6.98	7.02	6.97	7.01	7.02	7.03	7.12	*7.19	*7.15	*7.17
Nondurable goods.....do.....	8.08	8.37	8.24	8.27	8.29	8.30	8.33	8.41	8.37	8.44	8.44	8.52	8.55	8.60	*8.61	*8.62
Excluding overtime.....do.....	7.79	8.05	7.93	7.95	7.98	8.00	8.01	8.09	8.04	8.10	8.12	8.19	8.23	8.30	8.31	*8.33
Food and kindred products.....do.....	8.20	8.41	8.37	8.39	8.43	8.43	8.44	8.41	8.36	8.37	8.33	8.46	8.48	*8.50	*8.55	*8.56
Tobacco manufactures.....do.....	10.35	11.12	11.13	11.29	11.43	11.55	11.92	11.67	10.75	10.31	10.35	11.76	10.97	*11.20	*11.60	*11.69
Textile mill products.....do.....	6.18	6.46	6.40	6.41	6.43	6.42	6.43	6.43	6.46	6.49	6.49	6.55	6.57	6.59	6.60	*6.63
Apparel and other textile products.....do.....	5.37	5.53	5.46	5.48	5.49	5.48	5.50	5.51	5.53	5.61	5.59	5.59	5.65	*5.70	*5.68	*5.71
Paper and allied products.....do.....	9.94	10.44	10.22	10.25	10.29	10.34	10.42	10.56	10.50	10.55	10.56	10.67	10.69	*10.67	*10.68	*10.69
Printing and publishing.....do.....	9.11	9.39	9.30	9.29	9.29	9.31	9.30	9.36	9.42	9.51	9.48	9.54	9.56	9.57	9.59	*9.61
Chemicals and allied products.....do.....	10.59	11.11	10.90	10.95	10.97	11.02	11.03	11.12	11.13	11.23	11.32	11.35	11.37	*11.42	*11.42	*11.41
Petroleum and coal products.....do.....	13.29	13.45	13.43	13.44	13.44	13.32	13.33	13.27	13.32	13.54	13.52	13.67	13.63	*13.97	*14.00	*13.96
Rubber and plastics products, nec.....do.....	7.99	8.27	8.16	8.20	8.25	8.20	8.23	8.30	8.28	8.31	8.31	8.39	8.43	8.50	*8.47	*8.48
Leather and leather products.....do.....	5.54	5.70	5.67	5.68	5.68	5.68	5.67	5.70	5.67	5.72	5.72	5.76	5.80	*5.82	*5.79	*5.79
Transportation and public utilities.....do.....	10.80	11.15	11.01	11.02	11.07	11.03	11.07	11.18	11.17	11.27	11.23	11.29	11.32	*11.31	*11.32	*11.29
Wholesale trade.....do.....	8.54	8.94	8.79	8.79	8.89	8.86	8.90	8.97	8.95	9.05	8.99	9.06	9.18	*9.14	9.17	*9.16
Retail trade.....do.....	5.74	5.89	5.89	5.89	5.90	5.88	5.88	5.87	5.84	5.89	5.88	5.94	5.89	*5.99	*6.01	*6.00
Finance, insurance, and real estate.....do.....	7.29	7.62	7.54	7.54	7.62	7.55	7.58	7.60	7.57	7.76	7.67	7.71	7.78	*7.77	*7.87	*7.88
Services.....do.....	7.30	7.62	7.55	7.54	7.60	7.55	7.53	7.56	7.53	7.69	7.69	7.74	7.82	7.82	*7.84	*7.85
Seasonally adjusted:																
Private nonagricultural payrolls.....dollars..	8.02	8.33	8.23	8.25	8.31	8.29	8.33	8.35	8.34	8.40	8.38	8.42	8.47	8.45	*8.50	*8.54
Mining.....do.....	11.27	11.58	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Construction.....do.....	11.92	12.03	11.95	11.97	12.03	12.07	12.07	12.04	12.05	12.05	12.02	12.03	12.11	*12.11	*12.22	*12.19
Manufacturing.....do.....	8.83	9.17	9.06	9.09	9.11	9.12	9.15	9.17	9.20	9.22	9.25	9.30	9.38	9.37	9.42	*9.44
Transportation and public utilities.....do.....	10.80	11.15	10.99	11.08	11.11	11.09	11.16	11.22	11.16	11.23	11.20	11.21	11.27	*11.24	*11.31	*11.35
Wholesale trade *.....do.....	8.54	8.94	8.76	8.82	8.88	8.85	8.94	8.98	8.97	9.05	9.00	9.08	9.18	*9.07	9.14	*9.19
Retail trade *.....do.....	5.74	5.89	5.84	5.87	5.89	5.87	5.89	5.89	5.88	5.90	5.89	5.94	5.94	*5.94	*5.96	*5.98
Finance, insurance, and real estate.....do.....	7.29	7.62	7.47	7.54	7.62	7.53	7.61	7.64	7.57	7.78	7.68	7.71	7.82	*7.71	*7.81	.....
Services.....do.....	7.30	7.62	7.50	7.52	7.60	7.56	7.59	7.64	7.62	7.69	7.67	7.72	7.79	7.73	*7.79	*7.83
Indexes of avg. hourly earnings, seas. adj.: ◊																
Private nonfarm economy:																
Current dollars.....1977=100.....	155.3	160.5	158.5	159.1	159.9	159.6	160.3	160.8	160.6	161.6	161.3	162.0	163.1	162.8	*163.8	*164.4
1977 dollars †.....do.....	94.8	94.7	94.8	95.1	95.4	94.9	95.2	95.1	94.1	94.2	93.9	94.4	94.7	94.4	94.6	*94.5
Mining.....do.....	166.6	173.6	170.7	172.0	172.9	172.5	173.4	174.3	174.0	175.7	174.6	176.0	176.8	*177.3	*178.4	*178.2
Construction.....do.....	145.3	146.8	146.2	146.3	146.6	147.0	147.1	146.6	146.6	146.8	146.3	146.5	147.5	*148.0	*149.5	*149.8
Manufacturing.....do.....	157.8	162.6	160.7	161.2	161.5	162.0	162.3	162.9	163.3	163.4	163.8	164.5	165.1	165.9	166.6	*167.3
Transportation and public utilities.....do.....	156.7	161.9	159.8	160.9	161.3	160.9	162.1	162.6	161.9	163.0	163.0	163.1	164.3	163.4	164.6	*165.2
Wholesale trade *.....do.....	158.1	165.4	162.7	162.7	164.5	164.1	164.6	165.9	165.4	167.5	166.5	167.6	169.6	169.0	169.5	*169.5
Retail trade *.....do.....	150.1	153.8	152.9	153.2	153.7	153.4	153.8	154.0	153.6	154.0	153.9	155.1	155.4	*154.8	*155.8	*156.4
Finance, insurance, and real estate.....do.....	158.7	165.7	164.0	164.2	165.8	164.2	164.9	165.5	164.6	168.3	166.4	167.1	168.6	*168.2	*170.0	*170.2
Services.....do.....	156.0	162.7	159.8	160.8	162.3	161.4	162.5	163.4	162.8	164.7	164.0	164.8	166.6	*164.8	*165.9	*167.0
Hourly wages, not seasonally adjusted:																
Construction wages, 20 cities (ENR): §																
Common labor.....do.....\$ per hr.	15.22	15.71	15.52	15.54	15.56	15.63	15.76	15.79	15.84	15.87	15.81	15.82	15.82	15.89	15.89	*15.91
Skilled labor.....do.....	19.91	20.66	20.43	20.49	20.49	20.53	20.60	20.62	20.87	20.89	20.84	20.84	20.84	20.91	20.98	*20.89
Railroad wages (average, class I).....do.....	12.83	13.33	13.38	13.21	13.29	13.18	13.31	13.29	13.18	13.40	13.46	13.40	13.50	*13.42	13.87	.....
Avg. weekly earnings per worker, private nonfarm: ◊																
Current dollars, seasonally adjusted.....1977=100.....	280.70	294.05	290.52	291.23	294.17	292.64	294.05	293.92	293.57	297.36	294.14	296.38	298.99	297.44	*297.50	*299.75
1977 dollars, seasonally adjusted †.....do.....	171.37	173.48	173.65	174.08	175.52	173.98	174.61	173.92	171.98	173.29	171.31	172.62	173.63	172.43	*171.87	*172.37
Current dollars, not seasonally adjusted:																
Private nonfarm, total.....dollars.....	280.70	294.05	288.40	288.40	292.64	291.46	294.30	296.19	294.65	299.27	295.68	295.89	300.33	*295.80	*295.64	*297.70
Mining.....do.....	478.98	502.57	492.92	496.48	499.66	499.39	505.61	497.51	503.30	513.04	497.66	503.30	514.49	*506.97	*508.37	*511.81
Construction.....do.....	443.42	454.73	443.63	439.30	448.13	458.02	460.88	462.04	462.39	467.78	461.32	449.17	457.59	*444.81	*446.26	*455.06
Manufacturing.....do.....	354.08	373.22	368.74	369.96	372.60	369.87	372.91	369.95	369.26	375.66	373.41	378.51	386.46	379.63	373.9	

Units	Annual		1984										1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

WORK STOPPAGES																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year.....number..	81	62	2	2	7	5	5	8	4	9	4	4	2	2	4	3
Workers involved in stoppages:																
Beginning in month or year.....thous..	909	376	8	3	28	8	24	68	21	103	12	42	4	29	12	
Days idle during month or year.....do....	17,461	8,499	365	284	651	581	755	1,221	1,623	716	499	482	656	278	259	696
UNEMPLOYMENT INSURANCE																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly # @.....thous..	3,775	2,545	3,174	2,958	2,613	2,290	2,166	2,327	2,184	2,083	2,149	2,441	2,778			
State programs (excluding extended duration provisions):																
Initial claims.....thous..	22,802	19,648	1,528	1,433	1,429	1,370	1,389	1,767	1,459	1,260	1,758	1,825	2,074			
Insured unemployment, avg. weekly.....do....	3,396	2,461	3,056	2,843	2,515	2,215	2,111	2,270	2,129	2,023	2,072	2,355	2,691			
Percent of covered employment: @@																
Unadjusted.....do....	3.9	2.9	3.6	3.3	2.9	2.6	2.5	2.6	2.5	2.3	2.4	2.7	3.1			
Seasonally adjusted.....do....																
Beneficiaries, average weekly.....thous..	2,990	2,135	2,767	2,339	2,308	2,023	1,917	1,905	1,895	1,806	1,759	1,914	2,207			
Benefits paid @.....mil. \$..	18,613.2	13,399.9	14,005.5	13,699.5	11,733.6	11,092.2	948.3	974.1	1,017.3	855.4	962.9	1,005.7	1,124.8			
Federal employees, insured unemployment, average weekly.....thous..	26	23	31	28	23	20	19	20	19	19	21	23	24			
Veterans' program (UCX):																
Initial claims.....do....	196	159	13	13	12	12	12	13	14	13	15	15	12			
Insured unemployment, avg. weekly.....do....	30	21	24	22	20	18	18	18	19	20	21	22	23			
Beneficiaries, average weekly.....do....	27	19	23	20	19	17	17	16	17	18	19	20	21			
Benefits paid.....mil. \$..	178.9	135.1	12.5	11.8	10.3	10.6	9.5	9.6	10.7	9.9	11.7	12.0	12.0			
Railroad program:																
Applications.....thous..	180	100	4	3	2	2	11	25	7	6	9	10	11			
Insured unemployment, avg. weekly.....do....	58	28	47	40	29	21	16	17	16	18	21	27	29			
Benefits paid.....mil. \$..	301.6		23.2	20.1	13.4	10.2	7.0	6.7	6.7	6.3	8.6					

FINANCE

BANKING																
Open market paper outstanding, end of period:																
Bankers' acceptances.....mil. \$..	78,309	72,661	74,367	73,221	78,457	79,530	82,067	80,957	79,779	77,928	75,736	75,179	72,661	71,610		
Commercial and financial company paper, total.....do....	181,348	231,760	193,926	200,365	210,073	215,345	220,594	222,782	220,125	226,736	230,511	238,024	231,760	241,813	246,232	
Financial companies.....do....	137,970	166,776	146,753	151,197	156,329	161,474	160,413	160,544	158,358	159,542	160,174	167,044	166,776	171,335	174,507	
Dealer placed.....do....	41,727	57,191	45,526	46,556	48,370	51,184	50,216	49,676	50,313	52,138	54,055	56,240	57,191	59,425	60,476	
Directly placed.....do....	96,243	109,585	101,227	104,641	107,959	110,340	110,197	110,868	108,045	107,404	106,119	110,804	109,585	111,910	114,031	
Nonfinancial companies.....do....	43,378	64,984	47,173	49,168	53,744	53,871	60,181	62,238	61,767	67,194	70,337	70,980	64,984	70,478	71,725	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of period.....mil. \$..	80,541	78,003	80,821	80,935	81,131	81,176	80,852	80,779	80,545	80,091	79,718	79,246	78,003			
Farm mortgage loans:																
Federal land banks.....do....	51,078	50,714	50,998	51,038	51,055	51,106	51,169	51,190	51,219	51,216	51,206	51,176	50,714			
Loans to cooperatives.....do....	9,319	8,760	10,170	10,292	10,321	10,127	9,289	8,947	8,709	8,497	8,699	9,033	8,760			
Other loans and discounts.....do....	20,143	18,528	19,653	19,605	19,755	19,944	20,394	20,642	20,616	20,378	19,813	19,936	18,528			
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$..	198,571	208,523	188,837	195,100	208,207	202,369	200,726	204,194	203,184	207,150	198,682	205,671	208,523	200,624	205,225	207,603
Reserve bank credit outstanding, total #.....do....	163,694	174,052	158,535	159,508	172,937	167,566	165,465	167,113	170,648	170,433	162,417	171,216	174,052	165,585	170,657	202,091
Time loans.....do....	918	3,577	1,020	896	907	2,832	4,760	7,238	8,276	6,639	5,060	5,073	3,577	2,139	2,329	2,582
U.S. Government securities.....do....	151,942	160,850	140,847	150,814	162,134	154,859	152,859	150,705	153,183	155,018	148,220	157,770	160,850	154,555	159,632	160,983
Gold certificate account.....do....	11,121	11,096	11,116	11,111	11,109	11,104	11,100	11,099	11,098	11,097	11,096	11,096	11,096	11,095	11,093	11,093
Liabilities, total #.....do....	198,571	208,523	188,837	195,100	208,207	202,369	200,726	204,194	203,184	207,150	198,682	205,671	208,523	200,624	205,225	207,603
Deposits, total.....do....	26,123	28,252	20,306	26,634	37,113	27,252	25,312	25,851	27,417	32,718	24,122	28,107	28,252	26,011	29,193	30,660
Member-bank reserve balances.....do....	21,446	21,818	16,330	22,167	19,715	21,686	20,252	21,355	22,733	23,612	19,740	25,052	21,818	19,858	25,092	26,997
Federal Reserve notes in circulation.....do....	157,097	168,327	152,383	153,871	155,388	158,727	159,915	160,402	161,551	160,046	160,972	164,102	168,327	162,125	162,992	163,728
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$..	138,894	140,696	36,366	36,280	37,156	36,522	37,526	37,471	37,264	38,043	38,512	39,235	40,696	41,125	40,273	40,487
Required.....do....	138,333	139,843	35,423	35,509	36,664	35,942	36,752	36,858	36,575	37,415	37,892	38,542	39,843	40,380	39,370	39,728
Excess.....do....	561	853	943	711	492	580	774	613	689	628	620	693	853	745	903	759
Borrowings from Federal Reserve banks.....do....	774	3,186	567	952	1,234	2,988	3,300	5,924	8,017	7,242	6,017	4,617	3,186	1,395	1,289	1,593
Free reserves.....do....	117	2,220	479	108	603	2,212	2,262	5,003	6,982	6,295	5,098	3,712	2,220	588	315	746
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, total #.....mil. \$..	195,538	223,965	185,618	176,097	185,492	184,993	177,248	188,430	172,432	186,027	184,939	180,270	223,965	184,595	185,248	194,872
Individuals, partnerships, and corporations ##.....do....	149,971	172,700	140,397	134,158	140,823	140,745	134,681	142,190	131,670	139,287	141,373	139,061	172,700	139,346	140,345	145,355
States and political subdivisions.....do....	5,507	6,219	5,447	4,237	5,854	4,623	4,708	6,114	4,360	4,826	4,901	4,781	6,219	5,138	4,902	4,743
U.S. Government.....do....	2,055	1,160	2,446	1,736	1,307	1,076	2,295	1,200	2,151	3,930	1,389	1,041	1,160	2,766	2,713	4,512
Depository institutions in U.S. ##.....do....	21,868	26,297	22,624	21,310	22,120	22,563	20,994	23,302	19,220	22,440	21,033	20,985	26,297	20,969	22,190	23,460
Transaction balances other than demand deposits *.....do....		36,226	32,510	32,626	33,236	32,654	31,944	33,362	32,242	33,893	32,998	32,668	36,226	34,715	35,475	38,856
Nontransaction balances, total *.....do....	439,983	456,258	411,248	415,357	414,652	426,965	431,390	434,056	436,064	440,735	443,875	446,038	456,258	459,663	462,489	465,656
Individuals, partnerships, and corporations.....do....	411,068	422,480	382,613	385,958	385,503	395,722	399,577	403,004	403,295	407,377	410,059	412,111	422,480	425,194	426,480	430,642
Loans and leases (adjusted), total \$.....do....	553,128	659,091	587,492	589,054	603,542	608,243	613,465	617,895	615,392	627,201	636,546	637,675	659,091	651,896	658,400	668,389
Commercial and industrial.....do....	223,857	251,957	227,562	231,472	237,566	240,388	244,433	244,993	242,982	246,832	247,659	248,452	251,957	249,752	253,286	256,329
For purchasing and carrying securities.....do....	13,638	18,066	15,528	12,506	13,713	14,365	13,400	12,628	11,223	13,135	15,048	12,616	18,066	13,211	13,638	16,496
To nonbank depository and other financial.....do....	25,272	25,460	24,279	23,817	24,982	25,358	24,800	25,094	24,982	24,430	24,338	24,186	25,460	23,784	23,782	24,049
Real estate loans.....do....	142,170	158,428	146,242	147,273	148,471	149,201	150,664	151,953	152,964	155,099	156,961	158,227	158,428	161,941	163,428	164,474
To States and political subdivisions ◊.....do....		29,210	22,171	22,963	23,491	23,967	24,873	25,982	26,234	25,946	26,078	26,875	29,210	29,508	29,382	29,631
Other loans.....do....	174,488	213,472	180,942	174,851	181,005	183,663	182,722	188,933	186,543	192,970	201,557	197,081	213,472	207,492	206,613	212,516
Investments, total.....do....	145,803	127,885	129,555	127,968	128,794	126,292	120,152	120,946	123,345	121,998	126,454	124,996	127,885	132,922	138,919	133,288
U.S. Treasury and Govt. agency securities, total ◊.....do....	75,473	78,539	81,544	79,933	79,107	78,091	77,296									

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
BANKING—Continued																	
Commercial bank credit, seas. adj.:																	
Total loans and securities ◇.....bil. \$.	1,553.0	'1,714.8	1,584.1	1,599.6	1,612.9	1,629.8	1,636.6	1,652.6	1,662.1	1,674.9	1,682.8	'1,701.1	'1,714.8	'1,724.0	1,742.1	1,758.5	
U.S. Treasury securities ◇.....do.	260.8	260.2	260.7	261.0	257.6	257.3	253.7	256.4	257.1	258.0	257.0	259.4	260.2	'260.1	'265.7	266.9	
Other securities.....do.	169.6	'139.9	142.2	142.3	142.1	140.5	139.7	139.5	140.8	141.9	141.5	'141.1	'139.9	'142.5	'141.1	138.6	
Total loans and leases ◇.....do.	1,122.7	'1,314.7	1,181.2	1,196.3	1,213.2	1,232.0	1,243.2	1,256.7	1,264.2	1,275.0	1,284.3	'1,300.6	'1,314.7	'1,321.4	'1,335.3	1,353.0	
Money and interest rates:																	
Prime rate charged by banks on short-term business loans *.....percent.	10.79	12.04	11.00	11.21	11.93	12.39	12.60	13.00	13.00	12.97	12.58	11.77	11.06	10.61	10.50	10.50	
Discount rate (New York Federal Reserve Bank) @ @.....do.	8.50	8.80	8.50	8.50	8.87	9.00	9.00	9.00	9.00	9.00	9.00	8.83	8.37	8.00	8.00	8.00	
Federal intermediate credit bank loans.....do.	10.60	11.20	10.84	10.79	10.87	10.97	11.16	11.32	11.32	11.53	11.66	11.66	11.53	11.46	11.22	11.04	
Home mortgage rates (conventional 1st mortgages):																	
New home purchase (U.S. avg.).....percent.	'12.11	'11.88	11.78	11.56	11.55	11.68	11.61	11.91	11.89	12.03	12.27	12.27	12.05	11.77	'11.74	11.42	
Existing home purchase (U.S. avg.).....do.	'12.29	'12.00	11.73	11.69	11.61	11.63	11.79	12.03	12.24	12.43	12.52	12.38	12.26	12.09	'11.90	11.72	
Open market rates, New York City:																	
Bankers' acceptances, 90 days.....do.	8.90	10.14	9.38	9.88	10.22	10.84	11.04	11.30	11.23	11.04	10.13	9.00	8.45	8.00	8.55	8.88	
Commercial paper, 6-month †.....do.	8.89	10.16	9.31	9.86	10.22	10.87	11.23	11.34	11.16	10.94	10.16	9.06	8.55	8.15	8.69	9.23	
Finance co. paper placed directly, 6-mo.....do.	8.69	9.65	9.06	9.38	9.76	10.03	10.25	10.42	10.52	10.55	9.87	8.82	8.09	7.82	8.20	8.65	
Yield on U.S. Gov. securities (taxable):																	
3-month bills (rate on new issue).....percent.	8.630	9.580	9.030	9.440	9.690	9.900	9.940	10.130	10.490	10.410	9.970	8.790	8.160	7.760	8.220	8.570	
CONSUMER INSTALLMENT CREDIT †																	
Not seasonally adjusted																	
Total outstanding (end of period) #.....mil. \$.	383,701	460,500	386,796	389,857	395,688	405,334	414,738	422,008	430,795	437,469	441,358	447,783	460,500	461,530	464,940	.....
By major holder:																	
Commercial banks.....do.	171,978	212,391	175,941	177,625	181,022	186,668	191,519	195,265	199,654	202,452	204,582	206,635	212,391	213,951	215,778	.....
Finance companies.....do.	87,429	96,747	87,227	87,356	87,832	89,245	91,006	92,534	94,070	95,594	95,113	95,753	96,747	96,732	97,360	.....
Credit unions.....do.	53,471	67,858	54,851	55,892	56,962	58,517	59,893	61,151	62,679	63,808	64,716	66,258	67,858	68,538	70,251	.....
Retailers.....do.	37,470	40,913	34,744	34,367	34,440	34,813	35,242	35,058	35,359	35,595	35,908	37,124	40,913	38,978	37,483	.....
Savings and loans.....do.	23,108	29,945	23,074	23,566	24,148	24,808	25,428	26,057	26,922	27,880	28,781	29,358	29,945	30,520	31,405	.....
By major credit type:																	
Automobile.....do.	143,114	172,589	147,143	147,478	149,816	154,210	158,215	161,894	165,177	'167,231	168,923	170,731	172,589	173,769	176,119	.....
Revolving.....do.	81,977	101,555	78,501	79,770	80,756	82,946	85,027	86,003	88,202	90,231	91,505	93,944	101,555	100,565	99,316	.....
Mobile home.....do.	23,862	24,556	23,657	23,891	23,825	24,028	24,300	24,639	24,947	25,198	24,573	24,439	24,556	24,281	24,393	.....
Seasonally adjusted *																	
Total outstanding (end of period) #.....do.			387,461	393,390	400,182	409,275	416,357	422,838	428,860	433,842	439,473	445,553	452,372	459,595	469,968	.....
By major holder:																	
Commercial banks.....do.			175,894	179,316	183,331	189,396	193,231	196,423	199,054	200,438	203,194	205,677	208,705	212,504	217,575	.....
Finance companies.....do.			88,014	88,251	88,515	89,151	90,093	91,231	92,612	94,183	94,581	95,359	96,555	97,456	98,659	.....
Credit unions.....do.			54,699	55,978	57,501	58,922	59,971	61,331	62,258	63,129	64,353	66,084	67,420	68,710	71,465	.....
Retailers.....do.			34,562	34,947	35,215	35,564	35,894	36,127	36,352	36,480	36,758	37,147	37,398	37,687	37,687	.....
Savings and loans.....do.			23,164	23,593	24,192	24,804	25,617	26,203	27,007	27,777	28,641	29,187	29,763	30,685	31,682	.....
By major credit type:																	
Automobile.....do.			147,885	148,933	151,273	154,914	157,639	160,726	163,208	164,721	167,225	169,774	172,461	175,848	179,185	.....
Revolving.....do.			78,069	81,029	82,880	85,518	86,874	87,646	88,909	90,393	91,881	93,495	94,940	96,897	99,424	.....
Mobile home.....do.			23,745	23,768	23,911	24,049	24,240	24,574	24,791	24,918	24,526	24,435	24,552	24,393	24,689	.....
Total net change (during period) #.....do.			6,188	5,929	6,792	9,093	7,082	6,481	6,022	4,982	5,631	6,080	6,819	7,223	10,373	.....
By major holder:																	
Commercial banks.....do.			4,914	3,423	4,014	6,065	3,835	3,192	2,631	1,884	2,756	2,483	3,028	3,799	5,071	.....
Finance companies.....do.			255	237	264	636	942	1,138	1,381	1,571	398	778	1,196	901	1,203	.....
Credit unions.....do.			774	1,279	1,523	1,421	1,049	1,360	927	871	1,224	1,731	1,336	1,290	2,755	.....
Retailers.....do.			130	385	268	349	330	36	197	225	128	278	389	251	269	.....
Savings and loans.....do.			89	429	599	612	813	586	804	770	864	546	576	922	997	.....
By major credit type:																	
Automobile.....do.			2,434	1,048	2,340	3,641	2,725	3,087	2,482	1,513	2,504	2,549	2,687	2,887	3,837	.....
Revolving.....do.			1,071	2,960	1,851	2,638	1,356	772	1,263	1,484	1,488	1,614	1,445	1,957	2,527	.....
Mobile home.....do.			-54	23	143	138	191	394	217	127	-392	-91	117	-159	296	.....
FEDERAL GOVERNMENT FINANCE																	
Budget receipts and outlays:																	
Receipts (net).....mil. \$.	'600,562	'666,457	47,886	44,464	80,180	37,459	69,282	52,017	55,209	68,019	52,251	51,494	62,404	70,454	54,021	49,606	
Outlays (net).....do.	'795,916	'841,800	68,267	73,020	68,687	71,391	71,283	68,432	88,707	51,234	81,037	79,562	77,583	76,838	74,851	78,067	
Budget surplus or deficit (-).....do.	-195,354	-175,342	-20,381	-28,555	11,493	-33,932	-2,000	-16,416	-33,498	16,785	-28,787	-28,066	-15,179	-6,384	-20,830	-28,461	
Budget financing, total.....do.	'207,711	'187,336	20,588	30,282	-10,833	35,284	3,801	18,128	34,673	-14,811	28,019	28,902	14,563	8,013	21,056	29,504	
Borrowing from the public.....do.	'212,424	'161,000	18,172	'7,569	17,038	8,604	5,524	24,540	25,340	4,167	20,754	19,353	24,055	12,675	15,994	13,159	
Reduction in cash balances.....do.	'-4,713	'26,336	2,416	'22,713	-27,871	26,680	-1,723	-6,412	9,333	-18,978	7,265	9,549	-9,492	-4,662	5,062	16,345	
Gross amount of debt outstanding.....do.	'1,381,886	'1,576,748	1,462,127	1,468,303	1,490,663	1,501,656	1,517,221	1,543,117	1,565,140	1,576,748	1,616,010	1,635,510	1,667,425	1,684,364	1,702,793	1,715,148	
Held by the public.....do.	'1,141,771	'1,312,589	1,219,806	1,227,376	1,244,414	1,253,018	1,258,542	1,283,081	1,308,421	1,312,589	1,333,343	1,352,696	1,376,750	1,389,426	1,405,420	1,418,578	
Budget receipts by source and outlays by agency:																	
Receipts (net), total.....mil. \$.	'600,562	'666,457	47,886	44,464	80,180	37,459	69,282	52,017	55,209	68,019	52,251	51,494	62,404	70,454	54,021	49,606	
Individual income taxes (net).....do.	'288,938	'295,955	'22,275	12,895	39,192	4,333	32,200	22,398	25,820	31,541	25,624	24,792	27,054	37,852	23,769	15,254	
Corporation income taxes (net).....do.	'37,022	'56,893	'8	7,965	9,095	280	11,315	2,063	801	11,891	937	1,122	11,531	2,779	1,753	8,417	
Social insurance taxes and contributions (net).....mil. \$.	'208,994	'241,902	'19,889	17,702	26,036	26,441	19,759	21,361	21,931	18,639	19,107	19,255	18,127	23,394	23,080	20,551	
Other.....do.	'65,609	'71,706	5,715	5,902	5,858	6,405	6,008	6,195	6,657	5,948	6,582	6,056	5,693	6,428	5,419	5,385	
Outlays, total #.....do.	'795,916	'841,800	68,267	73,020	68,687	71,391	71,283	68,432	88,707	51,234	81,037	79,562	77,583	76,838	74,851	78,067	
Agriculture Department.....do.	'46,384	'37,482	3,561	3,032	3,114	2,725	2,050	2,400	2,648	2,496	4,602	4,175	5,057	5,634	3,959	3,874	
Defense Department, military.....do.	'205,011	'220,805	'17,913	'18,943	18,211	19,373	19,123	18,296	19,459	18,354	18,707	20,249	19,519	18,912	19,216	21,039	
Health and Human Services Department.....mil. \$.	'276,453	'292,224	24,143	25,635	24,060	24,560	27,867	23,594	39,822	7,428	26,348	25,3					

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FINANCE—Continued																	
MONETARY STATISTICS																	
Currency in circulation (end of period).....bil. \$.	171.9	183.8		168.7				175.1						175.3			183.8
Money stock measures and components (averages of daily figures): †																	
Measures (not seasonally adjusted): ‡																	
M1.....bil. \$.	509.8	545.0	523.9	530.4	545.6	537.3	547.9	549.9	545.0	548.5	548.2	555.9	570.4	568.2	558.5	564.6	
M2.....do	2,110.2	2,277.3	2,208.9	2,228.5	2,252.2	2,251.3	2,272.3	2,285.7	2,287.6	2,298.7	2,316.0	2,343.8	2,376.3	*2,404.1	*2,414.4	2,429.2	
M3.....do	2,589.9	2,849.2	2,734.6	2,766.4	2,798.9	2,812.8	2,840.5	2,863.7	2,875.0	2,891.3	2,920.9	*2,960.5	3,002.3	*3,024.4	*3,034.6	3,056.2	
L (M3 plus other liquid assets).....do	3,030.6	3,375.3	3,225.1	3,273.9	3,305.1	3,321.8	*3,367.9	3,403.4	3,423.6	3,447.9	3,476.2	*3,509.4	3,545.3				
Components (not seasonally adjusted):																	
Currency.....do	142.0	154.3	148.3	149.9	151.6	152.9	154.9	156.3	156.5	156.5	156.7	158.7	160.9	158.3	158.6	159.8	
Demand deposits.....do	242.0	246.5	238.6	240.1	248.6	242.1	247.8	248.4	243.8	246.1	245.8	248.9	257.4	254.9	244.9	246.3	
Other checkable deposits ††.....do	121.2	139.2	132.4	135.7	140.6	137.4	139.8	139.4	138.9	140.5	140.8	143.4	147.2	150.1	150.0	153.5	
Overnight RP's and Eurodollars ◊.....do	49.5	57.0	57.3	56.6	56.3	58.3	55.9	56.3	58.4	56.7	56.8	58.0	57.6	*62.9	*69.7	67.7	
General purpose and broker/dealer money market funds.....do	145.3	150.4	142.1	144.8	145.9	146.5	148.9	150.5	150.6	152.1	155.6	162.0	167.7	172.2	175.4	177.9	
Money market deposit accounts *.....do	343.0	395.9	390.0	396.9	401.0	399.4	397.8	394.2	388.9	*388.6	*392.0	*402.4	*415.1	*433.6	*448.2	457.6	
Savings deposits.....do	317.6	*298.2	301.1	303.0	304.5	304.0	304.4	*302.6	*295.7	*292.6	*291.7	*288.8	*285.3	*287.0	*287.1	289.0	
Small time deposits @.....do	752.0	838.0	801.6	803.9	806.1	812.9	824.4	839.3	*855.7	*867.2	*878.7	883.9	886.4	887.9	*883.2	879.8	
Large time deposits @.....do	308.3	379.1	343.4	349.9	354.7	367.7	378.2	388.0	395.1	398.0	407.6	411.7	417.5	417.5	*419.2	422.8	
Measures (seasonally adjusted): ‡																	
M1.....do			534.2	537.3	539.2	542.5	547.3	546.9	548.9	551.5	548.3	553.8	558.5	562.7	569.3	571.9	
M2.....do			2,216.9	2,229.1	2,241.1	2,255.2	2,269.3	2,280.2	2,292.8	2,308.2	2,318.7	2,345.7	2,371.4	*2,398.8	*2,420.9	2,429.0	
M3.....do			2,741.7	2,765.4	2,788.0	2,815.2	2,839.0	2,862.1	2,879.0	2,901.3	*2,925.3	*2,960.0	2,995.2	*3,020.7	*3,041.3	3,054.5	
L (M3 plus other liquid assets).....do			3,227.7	3,267.8	3,293.3	3,328.0	3,366.7	3,402.7	3,429.9	3,459.4	3,480.5	*3,508.9	3,544.0				
Components (seasonally adjusted):																	
Currency.....do			150.2	151.2	152.1	152.8	154.3	155.0	155.9	156.8	157.1	157.9	158.7	159.4	*160.5	161.2	
Demand deposits.....do			245.2	245.5	245.9	246.3	248.9	247.3	246.8	247.5	244.5	246.8	248.6	249.1	251.7	251.9	
Other checkable deposits *.....do			133.8	135.6	136.1	138.3	139.0	139.4	141.0	142.2	141.8	143.9	*146.0	148.9	151.7	153.5	
Savings deposits.....do			303.8	302.9	301.9	301.5	300.8	299.1	*296.5	*294.6	*292.6	*290.7	*288.6	*288.7	*289.6	288.9	
Small time deposits @.....do			796.2	802.3	811.2	822.6	834.0	*843.6	855.0	864.4	872.1	877.9	*885.0	*881.5	*877.2	878.5	
Large time deposits @.....do			343.0	349.7	357.7	369.8	379.5	389.3	392.6	396.1	405.7	411.2	416.8	417.3	*419.7	423.4	
PROFITS AND DIVIDENDS (QTRLY.)																	
Manufacturing corps. (Bureau of the Census):																	
Net profit after taxes, all industries.....mil. \$.	85,334	107,485		26,463				30,992					25,695			24,335	
Food and kindred products.....do	9,436	9,729		2,368				2,539					2,342			2,480	
Textile mill products.....do	1,599	1,557		413				508					349			287	
Paper and allied products.....do	2,327	3,015		629				942					951			493	
Chemicals and allied products.....do	11,644	13,831		3,706				3,976					3,563			2,586	
Petroleum and coal products.....do	19,297	16,729		4,476				4,882					3,495			3,876	
Stone, clay, and glass products.....do	1,002	1,866		162				612					608			484	
Primary nonferrous metal.....do	-288	-84		219				305					105			-713	
Primary iron and steel.....do	-3,746	128		214				374					-110			-350	
Fabricated metal products (except ordnance, machinery, and transportation equipment).....mil. \$.	2,693	4,697		966				1,359					1,200			1,172	
Machinery (except electrical).....do	7,680	12,006		2,159				3,338					3,309			3,200	
Electrical machinery, equipment, and supplies.....do	6,367	8,379		2,228				1,875					2,036			2,240	
Transportation equipment (except motor vehicles, etc.).....mil. \$.	3,011	4,128		960				1,220					832			1,116	
Motor vehicles and equipment.....do	7,168	10,909		3,318				3,446					1,463			2,682	
All other manufacturing industries.....do	17,644	20,595		4,645				5,616					5,552			4,782	
Dividends paid (cash), all industries.....do	41,624	44,991		11,169				11,211					10,568			12,043	
SECURITIES ISSUED @@@																	
Securities and Exchange Commission:																	
Estimated gross proceeds, total.....mil. \$.	104,174	87,924	10,388	5,915	5,393	5,377	4,603	6,427	7,276	6,847	10,140	6,698	6,010				
By type of security:																	
Bonds and notes, corporate.....do	49,846	58,504	7,694	3,601	3,472	1,672	2,820	5,128	5,236	4,220	7,321	4,129	3,989				
Common stock.....do	45,149	22,012	2,080	1,764	1,582	1,600	1,608	1,109	1,707	2,221	1,466	1,915	1,980				
Preferred stock.....do	7,612	4,215	515	302	339	604	174	189	333	155	555	654	91				
By type of issuer:																	
Corporate, total #.....mil. \$.	102,607	84,731	10,289	5,667	5,393	3,877	4,603	6,427	7,276	6,597	9,342	6,698	6,010				
Manufacturing.....do	22,809	14,442	764	409	1,195	924	167	882	2,395	748	3,577	510	1,259				
Extractive (mining).....do	8,580	5,513	132	384	1,005	567	117	573	316	320	348	701	204				
Public utility.....do	12,591	7,517	429	533	582	115	485	785	144	1,024	1,138	758	641				
Transportation.....do	4,162	1,639	89	279	120	84	175	68	183	288	151	66	71				
Communication.....do	5,529	2,162	20	217	94	16	161	97	122	9	308	400	479				
Financial and real estate.....do	36,237	44,015	7,750	3,373	1,827	1,526	2,904	3,347	3,005	3,480	2,685	3,610	2,840				
State and municipal issues (Bond Buyer):																	
Long-term.....do	83,348	93,337	4,532	5,069	5,134	6,624	6,861	6,280	9,803	8,455	12,054	11,960	11,634	5,489	*7,378	8,039	
Short-term.....do	35,849	30,539	2,253	3,393	6,158	2,323	3,775	2,589	2,507	2,022	1,991	342	695	707	*568	526	
SECURITY MARKETS																	
Stock Market Customer Financing																	
Margin credit at brokers, end of year or month.....mil. \$.	23,000	22,470	22,557	22,668	22,830	22,360	23,450	22,980	22,810	22,800	22,330	22,350	22,470	22,090	22,970		
Free credit balances at brokers:																	
Margin accounts.....do	6,620	7,015	6,420	6,520	6,450	6,685	6,430	6,430	6,855	6,690	6,580	6,700	7,015	6,770	6,680		
Cash accounts.....do	8,430	10,215	8,420	8,265	7,910	8,115	8,305	8,125	8,185	8,315	8,650	8,420	10,215	*9,725	9,840		
Bonds																	
Prices:																	
Standard & Poor's Corporation:																	
High grade corporate:																	
Composite \$.....dol. per \$100 bond	41.2																
Domestic municipal (15 bonds).....do	51.4	47.9	50.5	49.0	48.6	45.9	45.2	46.1	48.4	47.7	46.9	47.2	48.0	50.9	50.3	49.6	
Sales:																	
New York Stock Exchange, exclusive of some stopped sales, face value, total.....mil. \$.	7,572.32	6,982.29	550.96	579.24	552.79	644.69	561.99	534.20	593.47	495.72	651.67	625.33	625.60	813.58	689.39	640.78	

See footnotes at end of tables.

Units	Annual		1984											1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FINANCE—Continued																
Bonds—Continued																
Yields:																
Domestic corporate (Moody's).....percent..	12.78	13.49	12.88	13.33	13.59	14.13	14.40	14.32	13.78	13.56	13.33	12.88	12.74	12.64	12.66	13.13
By rating:																
Aaa.....do.....	12.04	12.71	12.08	12.57	12.81	13.28	13.55	13.44	12.87	12.66	12.63	12.29	12.13	12.08	12.13	12.56
Aa.....do.....	12.42	13.31	12.70	13.22	13.48	14.10	14.33	14.12	13.47	13.27	13.11	12.66	12.50	12.43	12.49	12.91
A.....do.....	13.10	13.74	13.11	13.54	13.77	14.37	14.66	14.57	14.13	13.94	13.61	13.09	12.92	12.80	12.80	13.36
Baa.....do.....	13.55	14.19	13.59	13.99	14.31	14.74	15.05	15.15	14.63	14.35	13.94	13.48	13.40	13.26	13.23	13.69
By group:																
Industrials.....do.....	12.25	13.21	12.60	13.00	13.25	13.72	14.03	14.09	13.61	13.42	13.10	12.61	12.51	12.41	12.32	12.60
Public utilities.....do.....	13.31	14.03	13.50	14.03	14.30	14.95	15.16	14.92	14.29	14.04	13.68	13.15	12.96	12.88	13.00	13.66
Railroads.....do.....	12.08	13.07	12.28	12.54	12.81	13.25	13.31	13.60	13.82	13.68	13.44	13.02	12.69	12.62	12.38	12.57
Domestic municipal:																
Bond Buyer (20 bonds).....do.....	9.52	10.12	9.86	9.93	9.99	11.07	10.76	9.92	10.17	10.15	10.11	10.04	9.87	9.37	9.71	9.75
Standard & Poor's Corp. (15 bonds).....do.....	9.48	10.15	9.63	9.92	9.98	10.55	10.71	10.55	10.03	10.17	10.34	10.27	10.04	9.55	9.66	9.79
U.S. Treasury bonds, taxable f.....do.....	10.84	11.99	11.44	11.90	12.17	12.89	13.00	12.82	12.23	11.97	11.66	11.25	11.21	11.15	11.35	11.78
Stocks																
Prices:																
Dow-Jones averages (65 stocks).....	472.24	463.10	458.29	456.10	450.00	446.49	436.11	432.58	470.05	472.11	474.53	480.59	478.54	501.53	522.80	514.75
Industrial (30 stocks).....	1,190.34	1,178.48	1,164.46	1,161.97	1,152.71	1,143.42	1,121.14	1,113.27	1,212.82	1,213.51	1,199.30	1,211.30	1,188.96	1,238.16	1,233.23	1,268.83
Public utility (15 stocks).....	129.98	131.77	127.58	127.49	125.74	126.45	123.96	124.79	128.23	132.83	140.84	144.75	146.16	147.89	149.78	148.97
Transportation (20 stocks).....	544.61	513.85	515.78	509.34	496.47	489.28	472.56	463.74	517.86	516.18	523.36	528.92	539.64	584.95	626.64	608.40
Standard & Poor's Corporation: \$																
Combined index (500 Stocks).....1941-43=10..	160.41	160.46	157.25	157.44	157.60	156.55	153.12	151.08	164.42	166.11	164.82	166.27	164.48	171.61	180.88	179.42
Industrial, total (400 Stocks) #.....do.....	180.49	181.26	177.14	177.85	178.57	177.60	174.20	171.70	186.86	188.10	185.44	186.57	183.62	191.64	202.13	200.42
Capital goods (105 Stocks).....do.....	171.62	171.84	164.27	173.64	173.91	172.27	164.52	160.02	175.77	178.04	174.36	175.37	170.86	180.57	192.22	184.17
Consumer goods (191 Stocks).....do.....	150.77	150.87	145.88	144.65	143.77	143.83	146.14	145.42	155.47	157.28	155.92	158.34	157.41	163.71	171.99	174.01
Utilities (40 Stocks).....do.....	64.87	67.98	66.25	65.25	64.34	64.94	64.00	64.66	68.11	69.71	72.02	73.58	74.43	75.83	78.14	78.89
Transportation (20 Stocks) ◇.. 1982=100..	147.05	136.77	138.50	137.88	135.43	132.37	126.55	122.04	138.37	138.71	137.90	137.99	139.40	150.95	160.52	154.61
Railroads (6 Stocks).....1941-43=10..	108.46	101.40	102.29	103.41	103.58	100.93	94.36	90.53	100.83	103.03	101.35	101.47	102.16	111.65	120.18	114.15
Financial (40 Stocks).....1970=10..	18.70	16.99	17.28	17.13	16.99	16.23	15.14	14.66	16.65	17.43	17.62	18.10	18.27	19.49	21.09	20.61
New York City banks (6 Stocks)																
1941-43=100.....do.....	69.23	63.82	69.51	66.38	63.02	61.38	55.33	53.75	60.23	64.64	64.79	66.78	70.43	76.05	83.13	79.70
Banks outside NYC (10 Stocks).....do.....	113.16	95.21	108.81	103.67	98.94	92.76	82.34	80.23	86.67	92.49	93.27	95.30	93.52	98.85	104.71	101.00
Property-Casualty Insurance (5 Stocks).....do.....	181.16	181.26	181.06	189.54	195.70	180.67	168.67	154.96	172.50	184.11	184.36	187.20	193.45	201.81	226.67	222.55
N.Y. Stock Exchange common stock indexes:																
Composite.....12/31/65=50..	92.63	92.46	90.60	90.66	90.67	90.07	88.28	87.08	94.49	95.68	95.09	95.85	94.85	99.11	104.73	103.92
Industrial.....do.....	107.45	108.01	105.44	105.92	106.56	105.94	104.04	102.29	111.20	112.18	110.44	110.91	109.05	113.99	120.71	119.64
Transportation.....do.....	89.36	85.63	86.33	86.10	83.61	81.62	79.29	76.72	86.86	86.88	86.82	87.37	88.00	94.88	101.76	98.30
Utility.....do.....	47.00	46.44	45.67	44.83	43.86	44.22	43.65	44.17	46.49	47.47	49.02	49.93	50.58	51.95	53.44	53.91
Finance.....do.....	95.34	89.28	89.95	89.50	88.22	85.06	80.75	79.03	87.92	91.59	92.94	95.28	95.29	101.34	109.58	107.59
Yields (Standard & Poor's Corp.):																
Composite (500 stocks).....percent..	4.40	4.64	4.59	4.63	4.64	4.72	4.86	4.93	4.62	4.54	4.62	4.61	4.68	4.51	4.30	.....
Industrials (400 stocks).....do.....	4.04	4.05	4.00	4.02	4.02	4.11	4.23	4.29	4.01	3.96	4.05	4.07	4.15	3.99	3.80	.....
Utilities (40 stocks).....do.....	9.24	9.48	9.58	9.79	9.94	9.82	10.00	9.96	9.53	9.31	9.03	8.85	8.76	8.60	8.35	.....
Transportation (20 stocks).....do.....	2.85	3.22	3.12	3.07	3.18	3.26	3.42	3.55	3.30	3.25	3.26	3.26	3.24	3.06	2.92	.....
Financial (40 stocks).....do.....	4.79	5.35	5.31	5.32	5.40	5.44	5.78	6.15	5.50	5.26	5.15	4.98	4.96	4.69	4.32	.....
Preferred stocks, 10 high-grade.....do.....	11.02	11.62	11.16	11.39	11.66	11.72	12.04	12.13	11.77	11.65	11.62	11.36	11.59	11.13	10.88	10.97
Sales:																
Total on all registered exchanges (SEC):																
Market value.....mil. \$..	957,139	959,110	90,880	81,009	68,891	78,033	75,814	62,250	106,265	69,035	85,439	81,255	74,494	91,835	.....	.....
Shares sold.....millions..	30,146	30,456	2,864	2,550	2,200	2,459	2,414	2,124	3,404	2,215	2,718	2,375	2,515	3,005	.....	.....
On New York Stock Exchange:																
Market value.....mil. \$..	815,113	822,617	79,413	69,882	58,542	66,404	65,048	53,367	91,828	58,945	73,532	69,759	63,177	77,104	.....	.....
Shares sold (cleared or settled).....millions..	24,253	25,150	2,412	2,100	1,810	2,026	2,001	1,758	2,848	1,817	2,265	1,938	2,048	2,432	.....	.....
New York Stock Exchange:																
Exclusive of odd-lot and stopped stock sales (sales effected).....millions..	21,590	23,071	1,933	1,855	1,717	1,940	1,804	1,662	2,528	1,769	2,109	1,758	1,781	2,674	2,194	2,154
Shares listed, NYSE, end of period:																
Market value, all listed shares.....bil. \$..	1,584.16	1,586.10	1,508.23	1,525.56	1,534.73	1,450.41	1,463.44	1,439.12	1,589.04	1,585.23	1,582.58	1,552.51	1,586.10	1,705.61	1,721.93	1,716.16
Number of shares listed.....millions..	45,118	49,092	46,825	46,938	47,287	48,035	48,267	48,515	48,806	48,828	48,592	48,915	49,092	49,360	49,485	49,756

FOREIGN TRADE OF THE UNITED STATES

VALUE OF EXPORTS																
Exports (mdse.), incl. reexports, total @.....mil. \$..	200,537.7	217,888.1	17,014.9	19,607.8	17,782.6	18,737.5	18,381.3	18,363.4	17,311.7	17,601.1	18,611.5	18,175.0	19,135.7	18,672.9	17,143.3	.....
Excl. Dept. of Defense shipments.....do.....	200,485.8	217,865.2	17,013.4	19,606.7	17,779.1	18,735.6	18,379.8	18,361.1	17,309.6	17,599.4	18,609.4	18,174.1	19,135.3	18,672.3	17,141.8	.....
Seasonally adjusted.....do.....	.....	.....	17,208.0	17,905.7	17,520.4	17,978.1	17,705.3	19,153.9	18,122.9	18,209.9	18,410.9	18,394.7	19,142.4	19,401.3	17,853.3	.....
By geographic regions:																
Africa.....do.....	8,767.7	8,826.6	659.0	814.0	685.8	820.1	692.1	794.9	727.6	885.4	630.7	621.0	783.9	617.4	699.3	.....
Asia.....do.....	63,813.4	64,532.6	4,945.7	5,694.2	5,203.8	5,359.5	5,604.3	5,858.0	5,273.1	4,914.9	5,257.4	5,325.9	6,007.4	5,687.4	4,737.2	.....
Australia and Oceania.....do.....	4,826.5	5,744.5	427.2	495.3	379.3	486.3	562.6	551.7	385.8	523.7	512.5	554.0	392.5	702.6	432.6	.....
Europe.....do.....	58,871.0	62,207.1	5,036.1	5,973.8	5,160.2	5,085.4	4,842.3	4,899.9	4,619.9	5,091.1	5,409.4	5,197.5	5,659.0	5,946.9	5,149.6	.....
Northern North America.....do.....	38,245.3	46,526.2	3,683.8	4,183.0	3,992.6	4,587.3	4,094.2	3,689.1	3,712.3							

Units	Annual		1984										1985			
	1983	1984	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. \$.....	5,961.3	6,036.7	506.9	541.4	485.1	512.5	511.3	487.7	467.5	464.0	536.5	480.6	494.1	548.9	483.2	
German Democratic Republic.....do.....	139.0	136.9	17.6	16.5	3.8	18.0	1.0	13.4	7.2	6.1	7.0	12.1	20.8	14.9	12.8	
Federal Republic of Germany.....do.....	8,736.7	9,083.6	770.4	830.0	801.3	699.1	731.4	730.1	644.6	725.4	759.0	831.9	744.2	792.6	777.8	
Italy.....do.....	3,907.5	4,374.9	374.9	440.4	384.1	376.5	381.0	335.5	324.9	326.2	313.9	302.8	434.7	393.5	381.3	
Union of Soviet Socialist Republics.....do.....	2,002.9	3,283.9	185.3	338.6	348.8	261.7	91.9	117.3	260.6	361.8	318.3	383.8	426.5	348.6	315.0	
United Kingdom.....do.....	10,621.2	12,209.7	1,033.3	1,043.0	964.8	1,020.2	1,025.3	970.7	1,021.4	1,038.4	1,205.7	979.9	1,036.0	1,032.4	974.6	
North and South America:																
Canada.....do.....	38,244.1	46,524.3	3,683.8	4,182.7	3,992.4	4,587.0	4,093.9	3,688.9	3,712.2	3,645.5	4,020.7	3,944.3	3,495.0	3,779.6	3,706.6	
Latin American Republics,																
total #.....do.....	22,618.4	26,301.7	1,993.4	2,168.4	2,031.8	2,075.6	2,299.1	2,294.6	2,284.1	2,172.3	2,440.7	2,200.4	2,404.0	2,241.6	2,183.3	
Brazil.....do.....	2,557.1	2,639.7	161.5	163.6	189.5	183.6	249.7	237.0	253.0	231.7	265.8	255.7	261.0	277.4	225.8	
Mexico.....do.....	9,081.6	11,992.1	945.4	973.7	960.7	938.9	1,017.2	1,015.3	1,054.8	957.5	1,153.7	1,006.3	1,122.5	1,135.4	1,117.1	
Venezuela.....do.....	2,811.3	3,377.2	309.3	298.0	234.8	281.5	279.9	305.5	239.2	293.1	282.0	291.7	330.8	244.4	257.7	
Exports of U.S. merchandise, total \$.....do.....	195,969.4	212,057.1	16,589.0	19,092.3	17,333.3	18,251.8	17,926.3	17,884.3	16,853.9	17,100.0	18,086.1	17,637.3	18,616.1	18,123.6	16,647.6	
Excluding military grant-aid.....do.....	195,917.5	212,034.2	16,587.5	19,091.2	17,329.8	18,249.9	17,924.8	17,882.0	16,851.8	17,098.3	18,084.0	17,636.4	18,615.7	18,123.0	16,646.1	
Agricultural products, total.....do.....	36,107.7	37,813.9	3,360.6	3,823.3	3,181.0	3,193.4	2,569.0	2,688.3	2,586.7	2,916.4	2,860.7	3,527.6	3,565.4	3,142.3	2,991.3	
Nonagricultural products, total.....do.....	159,861.6	174,243.2	13,228.4	15,269.0	14,152.3	15,058.4	15,363.3	15,196.0	14,267.2	14,183.6	15,225.4	14,109.7	15,050.7	14,981.3	13,656.4	
By commodity groups and principal commodities:																
Food and live animals #.....mil. \$.....	24,166.0	24,462.6	1,938.9	2,239.2	1,939.7	1,981.3	1,676.8	1,976.7	1,985.3	2,355.1	2,011.4	2,100.2	2,099.2	1,937.2	1,732.0	
Beverages and tobacco.....do.....	2,813.0	2,849.4	231.4	238.0	211.1	168.5	202.9	177.9	146.0	231.1	325.0	405.3	313.5	223.8	263.2	
Crude materials, inedible, exc. fuels #.....do.....	18,596.0	20,248.9	1,836.4	2,075.5	1,766.5	1,853.7	1,608.7	1,473.8	1,376.3	1,211.1	1,396.0	1,827.1	1,956.8	1,729.0	1,634.5	
Mineral fuels, lubricants, etc. #.....do.....	9,499.9	9,310.5	502.2	790.1	758.8	901.1	871.6	764.8	877.6	819.6	757.1	712.3	972.8	804.3	785.5	
Oils and fats, animal and vegetable.....do.....	1,459.0	1,922.2	170.3	237.6	131.9	182.7	144.4	168.8	111.9	143.8	139.4	155.3	167.2	137.5	160.4	
Chemicals.....do.....	19,750.9	22,336.3	1,708.8	1,863.8	1,728.4	1,860.3	2,066.1	2,054.3	1,887.4	1,864.6	1,947.1	1,758.3	1,837.4	1,937.1	1,817.8	
Manufactured goods #.....do.....	14,852.0	15,139.9	1,203.7	1,364.3	1,213.5	1,393.4	1,312.1	1,246.3	1,259.6	1,244.8	1,277.7	1,191.6	1,185.1	1,216.0	1,102.3	
Machinery and transport equipment,																
total.....mil. \$.....	82,577.8	89,972.7	6,997.6	8,042.0	7,493.4	7,738.9	7,815.4	7,629.3	6,855.1	7,214.8	7,935.0	7,470.6	7,973.8	7,986.6	7,126.9	
Machinery, total #.....do.....	54,308.5	60,317.5	4,598.1	5,407.9	4,987.9	5,210.2	5,232.0	5,083.6	4,905.9	4,819.7	5,504.3	4,814.3	5,039.0	5,191.8	4,581.9	
Transport equipment, total.....do.....	28,269.3	29,655.2	2,399.5	2,634.0	2,505.5	2,528.7	2,583.3	2,545.7	1,949.2	2,395.1	2,430.7	2,656.3	2,934.9	2,794.8	2,545.0	
Motor vehicles and parts.....do.....	14,462.8	17,547.9	1,459.3	1,682.2	1,553.6	1,672.6	1,464.9	1,345.4	1,241.6	1,393.7	1,470.8	1,568.8	1,379.5	1,548.2	1,548.2	
VALUE OF IMPORTS																
General imports, total.....do.....	258,047.8	325,725.7	25,117.8	27,731.3	28,159.6	26,607.3	25,964.4	31,565.1	27,042.6	27,852.6	27,530.0	27,295.6	24,362.6	28,835.8	25,941.2	
Seasonally adjusted.....do.....			26,419.5	26,948.2	28,073.7	26,011.9	25,276.2	31,334.0	26,866.3	28,409.4	26,782.7	27,331.3	25,933.1	28,296.9	27,984.7	
By geographic regions:																
Africa.....do.....	14,424.6	14,354.9	1,454.7	1,337.9	1,460.6	1,178.2	1,166.5	1,231.4	1,200.8	1,164.2	1,186.4	1,025.5	861.8	831.4	889.3	
Asia.....do.....	91,463.5	120,132.2	8,397.9	9,690.7	9,892.0	9,850.7	9,608.8	13,038.3	10,680.8	10,509.8	10,702.2	9,637.0	8,294.4	11,359.2	9,656.8	
Australia and Oceania.....do.....	3,043.5	3,558.0	279.3	269.9	269.1	254.7	289.3	372.0	287.8	273.2	379.4	335.8	295.5	357.9	235.5	
Europe.....do.....	55,243.0	73,906.7	5,465.0	6,695.1	6,441.3	5,700.2	5,504.2	7,278.8	6,099.7	6,305.9	5,649.5	6,418.3	5,718.5	7,002.0	5,736.8	
Northern North America.....do.....	55,149.6	66,496.3	5,387.1	5,558.5	5,839.3	5,712.5	5,751.7	5,403.3	4,914.2	5,587.8	5,591.1	6,005.5	5,527.1	5,319.8	5,548.9	
Southern North America.....do.....	25,731.0	26,833.7	2,425.1	2,518.5	2,483.7	2,087.3	2,005.8	2,299.3	2,123.4	2,136.0	2,248.4	2,233.7	1,985.9	2,075.8	2,212.3	
South America.....do.....	15,991.9	21,043.0	1,708.6	1,660.6	1,773.5	1,823.7	1,638.0	1,941.9	1,730.8	1,870.6	1,772.9	1,639.6	1,679.4	1,889.7	1,661.6	
By leading countries:																
Africa:																
Egypt.....do.....	302.7	169.5	5.0	4.5	6.6	11.6	13.7	39.4	6.9	27.6	5.2	12.2	1.7	6.7	5.0	
Republic of South Africa.....do.....	2,027.3	2,487.7	442.3	181.1	274.8	193.4	175.9	204.9	184.4	187.9	135.6	170.0	134.9	140.2	221.5	
Asia; Australia and Oceania:																
Australia, including New Guinea.....mil. \$.....	2,247.5	2,702.8	217.9	186.1	190.7	192.9	230.7	274.8	214.0	207.6	299.2	271.1	220.7	291.7	168.8	
Japan.....do.....	41,183.2	57,135.0	3,634.2	4,758.2	4,638.0	4,889.1	4,504.3	6,259.6	5,084.6	4,940.1	5,075.0	4,588.2	4,150.1	5,968.8	4,799.8	
Europe:																
France.....do.....	6,025.0	8,113.0	498.2	710.1	607.9	656.8	529.0	943.9	712.9	771.5	546.6	662.4	686.4	909.2	555.9	
German Democratic Republic.....do.....	58.1	148.9	6.1	8.0	5.0	9.0	11.1	15.0	12.9	15.9	16.8	19.8	20.9	13.9	13.3	
Federal Republic of Germany.....do.....	12,695.3	16,995.9	1,197.1	1,598.7	1,570.0	1,356.1	1,247.1	1,423.8	1,270.4	1,593.7	1,316.5	1,467.5	1,325.8	1,836.8	1,426.5	
Italy.....do.....	5,455.3	7,934.5	653.2	675.4	640.7	564.6	572.6	820.0	781.3	771.2	597.4	678.0	628.4	759.7	678.6	
Union of Soviet Socialist Republics.....do.....	346.5	554.2	52.1	52.1	33.5	28.0	28.6	24.1	80.6	45.9	43.1	64.6	73.0	39.3	47.4	
United Kingdom.....do.....	12,469.6	14,491.6	988.7	1,280.9	1,367.9	1,055.7	1,131.8	1,476.4	1,165.4	1,144.7	1,231.9	1,320.9	1,153.1	1,141.0	1,037.4	
North and South America:																
Canada.....do.....	52,129.7	66,478.1	5,385.6	5,557.8	5,838.5	5,712.1	5,744.4	5,402.5	4,913.8	5,585.8	5,591.0	6,001.5	5,525.9	5,319.1	5,548.5	
Latin American Republics,																
total #.....do.....	35,682.9	42,340.6	3,583.3	3,569.7	3,799.0	3,526.3	3,326.7	3,778.5	3,399.1	3,558.9	3,603.3	3,429.4	3,274.1	3,485.4	3,427.2	
Brazil.....do.....	4,946.1	7,621.0	494.8	604.7	640.6	591.9	493.7	747.8	726.8	632.3	664.8	658.1	723.4	751.5	625.4	
Mexico.....do.....	16,776.1	18,020.0	1,570.1	1,622.4	1,707.9	1,381.3	1,444.7	1,560.7	1,410.4	1,465.3	1,580.8	1,557.5	1,350.9	1,303.3	1,501.6	
Venezuela.....do.....	4,938.1	6,542.8	615.4	414.4	536.9	610.7	619.5	568.3	507.0	580.1	574.2	470.3	544.2	481.6	502.8	
By commodity groups and principal commodities:																
Agricultural products, total.....mil. \$.....	16,534.1	19,765.5	1,669.3	1,774.6	1,866.7	1,690.5	1,345.1	1,816.4	1,584.7	1,628.8	1,684.8	1,483.8	1,596.1	1,796.5	1,701.3	
Nonagricultural products, total.....do.....	241,513.7	305,960.3	23,448.5	25,956.7	26,292.9	24,916.8	24,619.3	29,748.7	25,457.9	26,223.8	25,845.2	25,811.8	22,826.6	27,039.3	24,239.3	
Food and live animals #.....do.....	15,411.7	17,972.8	1,488.7	1,606.0	1,702.2	1,496.8	1,263.6	1,629.6	1,411.1	1,496.0	1,609.9	1,356.8	1,440.7	1,647.5	1,570.4	
Beverages and tobacco.....do.....	3,407.6	3,653.4	284.4	259.4	325.7	263.9	312.3	372.7	299.8	306.5	314.3	348.4	278.0	284.9	246.7	
Crude materials, inedible, exc. fuels #.....do.....	9,590.1	11,081.7	966.1	919.4	954.2	989.1	897.7	998.7	868.1	1,014.4	867.0	894.7	855.9	842.0	866.2	
Mineral fuels, lubricants, etc.....do.....	57,952.2	60,979.8	5,006.2	5,323.0	5,628.6	4,695.9	5,20									

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	Unless otherwise stated in footnotes below, data through 1982 and methodological notes are as shown in BUSINESS STATISTICS: 1982																

FOREIGN TRADE OF THE UNITED STATES—Continued

Indexes	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Exports (U.S. mdse., excl. military grant-aid):																
Unit value.....1977=100	154.1	156.2	158.1	157.0	157.9	158.3	158.7	157.1	156.0	156.3	156.5	154.8	154.7	156.3	157.4	
Quantity.....do	107.8	115.1	106.8	123.8	111.7	117.4	114.9	115.8	109.9	111.3	117.6	115.9	122.5	118.0	107.7	
Value.....do	166.2	179.8	168.8	194.3	176.4	185.8	182.4	182.0	171.5	174.0	184.1	179.5	189.5	184.4	169.4	
General imports:																
Unit value.....do	160.6	163.5	161.5	163.7	164.1	164.6	164.4	164.1	164.5	164.6	164.8	163.7	163.0	160.4	160.2	
Quantity.....do	110.3	136.7	128.1	139.5	141.3	133.1	130.1	158.4	135.3	139.3	137.6	137.3	122.4	148.0	133.3	
Value.....do	177.1	223.5	206.8	228.4	231.9	219.1	213.8	259.9	222.7	229.4	226.7	224.8	199.6	237.5	213.6	
Shipping Weight and Value																
Waterborne trade:																
Exports (incl. reexports):																
Shipping weight.....thous. sh. tons	361,404		25,576	31,768	30,206	33,256	30,864	32,127	31,630	34,130	29,794	31,498				
Value.....mil. \$	100,651		7,797	9,289	8,247	8,798	8,263	8,497	8,099	8,216	8,259	8,534				
General imports:																
Shipping weight.....thous. sh. tons	366,426		33,028	35,104	37,682	31,961	32,538	39,016	35,268	34,778	34,889	33,924				
Value.....mil. \$	155,311		14,263	16,416	16,586	15,729	14,971	19,183	16,477	16,362	16,179	15,230				

TRANSPORTATION AND COMMUNICATION

TRANSPORTATION																
Air Carriers																
Certificated route carriers:																
Passenger-miles (revenue).....bil.	281.83	*304.46	20.14	24.74	24.04	24.97	27.54	27.93	29.96	24.41	24.86	23.47	24.66			
Passenger-load factor.....percent	*60.7	59.2	53.8	60.0	59.4	59.8	64.4	61.9	65.4	57.9	58.1	57.3	57.4			
Ton-miles (revenue), total.....mil.	35,756	*38,615	2,619	3,196	3,066	3,163	3,412	3,472	3,693	3,103	3,211	3,056	3,159			
Operating revenues (quarterly) # \$.....mil. \$	*38,596			9,978			11,033			11,680						
Passenger revenues.....do	*32,731			8,445			9,431			9,894						
Cargo revenues.....do	2,579			586			676			666						
Mail revenues.....do	668			171			169			164						
Operating expenses (quarterly) \$.....do	*38,234			9,855			10,274			10,776						
Net income after taxes (quarterly) \$.....do	-289			-110			392			449						
Domestic operations:																
Passenger-miles (revenue).....bil.	226.91	*243.10	16.74	20.53	19.48	19.80	21.60	21.63	23.27	18.69	19.86	19.36	20.24	*17.23	*16.07	*22.37
Cargo ton-miles.....mil.	3,385	*3,553	271	320	290	305	299	292	310	286	307	290	280			
Mail ton-miles.....do	1,065	1,159	90	101	92	94	91	85	93	88	96	97	134			
Operating revenues (quarterly) \$.....mil. \$	*31,008			8,297			8,976			9,154						
Operating expenses (quarterly) \$.....do	*31,184			8,204			8,320			8,585						
Net income after taxes (quarterly) \$.....do	-639			-105			300			212						
International operations:																
Passenger-miles (revenue).....bil.	54.92	*61.36	3.40	4.22	4.56	5.17	5.94	6.30	6.69	5.72	5.00	4.12	4.42			
Cargo ton-miles.....mil.	2,708	2,999	212	264	243	232	233	268	260	258	285	275	242			
Mail ton-miles.....do	415	457	32	37	36	35	35	35	35	33	37	46	57			
Operating revenues (quarterly) \$.....mil. \$	7,172			1,574			1,981			2,378						
Operating expenses (quarterly) \$.....do	6,697			1,559			1,836			2,066						
Net income after taxes (quarterly) \$.....do	313			-22			-83			222						
Urban Transit Systems																
Passengers carried, total.....mil.	7,859	8,030	661	727	664	692	656	614	670	636	731	679	653			
Motor Carriers																
Carriers of property, large, class I, qtrly.:																
Number of reporting carriers.....mil.	100			100			100			100						
Operating revenues, total.....mil. \$	16,382			4,112			4,487			4,421						
Net income, after extraordinary and prior period charges and credits.....mil. \$	353			42			123			108						
Tonnage hauled (revenue), common and contract carrier service.....mil. tons	164			41			41			40						
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common carriers of general freight, seas. adj. ....1967=100	135.9	144.0	140.1	143.8	146.0	143.8	142.7	143.9	145.0	141.8	144.7	147.0	*144.3	*144.8	*135.7	
Class I Railroads †																
Financial operations, qtrly. (AAR), excl. Amtrak:																
Operating revenues, total #.....mil. \$	26,726			7,451			7,545			7,415						
Freight.....do	25,829			7,214			7,289			7,167						
Passenger, excl. Amtrak.....do	107			26			25			25						
Operating expenses.....do	26,965			6,619			6,471			6,352						
Net railway operating income.....do	1,296			564			768			731						
Ordinary income.....do	1,217			592			809			769						
Traffic:																
Revenue ton-miles, qtrly. (AAR).....bil.	828.3	915.9		231.1			235.0			234.0				215.9		*220.3
Price index for railroad freight.....1969=100	355.8	372.2	370.7	371.0	371.1	371.1	371.1	372.4	372.4	372.5	374.4	374.4	374.4	374.8	374.8	
Travel																
Lodging industry:																
Restaurant sales index...same month 1967=100	*202	*213	198	227	202	240	235	219	203	215	222	207	217			
Hotels: Average room sale \$.....dollars	64.51	69.01	69.69	70.64	69.87	68.82	66.83	65.30	67.48	67.73	73.75	72.08	66.76			
Rooms occupied.....% of total	64	66	66	70	68	70	70	66	68	68	74	64	51			
Motor hotels: Average room sale \$.....dollars	42.30	45.75	44.74	46.42	46.53	44.85	46.35	46.74	47.44	45.81	46.66	45.11	45.05			
Rooms occupied.....% of total	66	66	67	70	68	69	71	73	73	66	68	59	49			
Economy hotels: Average room sale \$.....dollars	28.69	29.90	27.74	29.03	30.48	28.83	32.02	32.10	30.23	29.96	30.16	29.85	29.90			
Rooms occupied *.....% of total	65	65	59	67	64	65	72	72	79	67	70	60	47			
Foreign travel:																
U.S. citizens: Arrivals (quarterly).....thous.	12,010			2,983			3,571			4,556		*1,194				
Departures (quarterly).....do	12,258			2,864			3,786			4,150		*1,037				
Aliens: Arrivals (quarterly).....do	8,831			1,810			2,256			2,824		*709				
Departures (quarterly).....do	7,467			1,579			1,824			2,438		*655				
Passports issued.....do	4,152	4,696	372	471	507	603	528	442	394	275	298	269	265	400	415	*605
National parks, recreation visits # #.....do	49,328	49,015	1,439	1,776	2,633	3,783	6,642	9,379	9,044	5,871	3,938	1,935	1,348	1,178		

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	

TRANSPORTATION AND COMMUNICATION—Continued

COMMUNICATION																
Telephone carriers:																
Operating revenues #	mil. \$.	78,092	67,625	² 5,398	5,596	5,604	5,677	5,568	5,606	5,762	5,487	5,629	6,048	5,772		
Station revenues	do	33,090	28,322	² 2,284	2,304	2,340	2,348	2,368	2,367	2,414	2,326	2,381	2,543	2,368		
Tolls, message	do	28,031	10,353	² 871	1,028	936	975	919	924	825	726	713	748	790		
Operating expenses (excluding taxes)	do	53,095	44,435	² 3,504	3,685	3,573	3,677	3,769	3,705	3,716	3,551	3,748	3,998	3,930		
Net operating income (after taxes)	do	12,797	12,206	² 986	1,058	1,096	1,044	937	990	1,062	1,034	1,024	1,081	931		
Phones in service, end of period	mil.	134.4														
Telegraph carriers, domestic and overseas: @																
Operating revenues	mil. \$.	1,482.7		112.0	118.2	113.3	118.4	107.6	116.5	119.7	111.8	120.3	114.3			
Operating expenses	do	1,259.4		94.5	98.8	94.5	100.6	100.2	110.9	103.4	97.1	101.6	99.6			
Net operating revenues (before taxes)	do	142.2		10.9	12.1	11.8	9.0	1.6	-0.7	9.3	8.1	11.2	7.8			

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al ₂ O ₃) ‡	thous. sh. tons	1,103	1,079	90	98	84	106	91	95	97	81	85	78	77	80	
Chlorine gas (100% Cl ₂) ‡	do	9,864	10,724	866	922	964	947	941	892	878	904	832	847	882	818	
Hydrochloric acid (100% HCl) ‡	do	2,420	2,866	245	254	277	229	240	236	242	237	213	210	227	208	
Phosphorus, elemental	do	366	² 383	30	33	29	35	35	32	27	32	31	33	35	32	
Sodium hydroxide (100% NaOH) ‡	do	10,039	11,224	905	947	1,010	980	981	931	919	940	901	888	938	853	
Sodium silicate, anhydrous ‡	do	728	750	85	80	55	65	65	50	61	57	62	60	52	63	
Sodium sulfate, anhydrous ‡	do	914	872	72	74	75	76	80	70	72	75	70	76	67	70	
Sodium tripolyphosphate (100% Na ₃ P ₃ O ₁₀) ‡	do	669	673	57	61	55	58	54	48	60	52	65	58	53	52	
Titanium dioxide (composite and pure) ‡	do	760	799	65	71	66	65	74	66	62	72	63	73	62	62	
Sulfur, native (Frasch) and recovered:																
Production	thous. met. tons	¹ 8,156	9,401	729	785	776	766	758	777	779	787	817	826	860	² 834	764
Stocks (producers') end of period	do	3,218	2,434	3,141	3,139	3,115	3,026	2,898	2,782	2,605	2,525	2,521	2,513	2,434	² 2,419	2,449
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡	thous. sh. tons	14,072	¹ 16,192	1,326	1,443	1,439	1,405	1,247	1,169	1,306	1,288	1,370	1,436	¹ 1,484	1,442	
Ammonium nitrate, original solution ‡	do	6,240	7,005	597	631	618	611	565	562	508	551	590	578	602	624	
Ammonium sulfate ‡	do	1,956	² 2,061	176	180	165	182	169	153	164	177	189	177	¹ 166	171	
Nitric acid (100% HNO ₃) ‡	do	6,968	8,041	683	718	680	728	689	660	600	649	654	660	681	681	
Nitrogen solutions (100% N) ‡	do	2,198	² 3,345	237	266	244	417	275	308	277	277	315	264	² 248	240	
Phosphoric acid (100% P ₂ O ₅) ‡	do	9,767	11,111	856	963	914	912	876	869	954	958	996	979	978	888	
Sulfuric acid (100% H ₂ SO ₄) ‡	do	36,583	² 39,853	3,200	3,485	3,398	3,339	3,264	3,250	3,416	3,284	3,433	3,207	² 3,423	3,311	
Superphosphate and other phosphatic fertilizers (gross weight):																
Production	thous. sh. tons	15,774	¹ 17,363	1,455	1,531	1,422	1,425	1,326	1,428	1,506	1,488	1,513	1,469	¹ 1,412	1,392	
Stocks, end of period ‡	do	844	¹ 1,179	964	985	947	845	953	812	821	840	914	1,243	¹ 1,179	1,076	
Potash, sales (K ₂ O)	do	6,273	6,195	510	414	538	656	365	297	836	624	426	374	598	630	437
Exports, total #	do	22,832	24,703	1,553	2,096	2,017	2,296	2,306	2,342	2,425	2,118	1,789	1,859	1,557	3,141	2,039
Nitrogenous materials	do	1,982	2,313	45	150	383	157	236	239	163	180	120	235	220	222	155
Phosphate materials	do	14,837	13,680	899	1,398	1,091	1,275	1,305	1,115	1,375	1,183	1,062	869	676	1,418	1,058
Potash materials	do	804	1,044	79	71	54	68	161	85	129	60	69	73	102	145	82
Imports:																
Ammonium nitrate	do	347	532	53	66	57	87	21	19	48	62	32	22	31	48	41
Ammonium sulfate	do	285	363	19	41	84	25	10	17	36	26	13	18	15	18	44
Potassium chloride	do	7,875	8,639	790	955	897	798	381	409	966	876	745	424	692	622	839
Sodium nitrate	do	97	122	24	0	12	9	15	13	11	(²)	14	(²)	4	12	30
Industrial Gases ‡																
Production:																
Acetylene	mil. cu. ft.	3,737	4,855	394	482	402	460	441	449	371	377	347	401	394		
Hydrogen (high and low purity)	do	100,253	108,149	8,909	9,084	9,067	10,861	9,423	9,102	8,698	8,300	8,383	7,862	9,020		
Nitrogen (high and low purity)	do	559,863	599,308	47,450	51,455	48,301	50,442	48,799	49,032	49,208	49,418	52,791	52,885	50,149		
Oxygen (high and low purity)	do	342,723	375,148	31,698	34,617	36,628	32,251	31,492	31,459	30,003	28,320	30,196	29,134	28,348		
Organic Chemicals §																
Production:																
Acetylsalicylic acid (aspirin)	mil. lb.	¹ 30.7	¹ 30.9	2.7	2.8	2.9	2.6	2.8	2.8	1.9	3.3	2.8	1.7	2.1		
Cresote oil	mil. gal.	¹ 75.6	¹ 86.0	7.2	7.3	6.8	7.8		6.2	6.1	8.5	7.2	7.2			
Ethyl acetate (85%)	mil. lb.	¹ 213.0	¹ 193.5	16.3	14.6	14.7	15.1	14.9	16.1	14.9	16.1	16.8	14.4	16.8		
Formaldehyde (37% HCHO)	do	¹ 5,464.9	¹ 5,712.2	469.0	500.0	518.7	506.1	472.6	470.0	460.4	510.0	491.6	444.4	449.8		
Glycerin, refined, all grades	do	265.4	302.7	25.4	27.0	26.2	20.6	25.0	24.9	24.2	24.1	26.7	30.2	22.2	² 28.5	25.7
Methanol, synthetic	mil. gal.	¹ 1,202.1	¹ 1,247.0	119.1	104.5	103.5	105.6	118.2	105.1	94.5	101.3	95.3	95.5	92.2		
Phthalic anhydride	mil. lb.	¹ 838.3	¹ 869.4	70.1	77.5	66.7	82.4	79.6	60.4	77.6	82.6	65.3	57.1	62.9		
ALCOHOL																
Ethyl alcohol and spirits:																
Production	mil. tax gal.	¹ 679.0		45.9	54.1	58.2	50.9	49.7	48.4	48.3	51.8	60.5	50.4			
Stocks, end of period	do	78.6		57.0	82.0	82.7	97.5	85.3	80.5	72.3	74.2	99.8	101.1			
Denatured alcohol:																
Production	mil. wine gal.	² 354.0		34.2	31.8	28.2	36.5	34.9	31.4	29.4	28.2	44.8	39.1			
Consumption (withdrawals)	do	² 356.3		29.0	32.9	30.9	37.7	37.4	27.1	28.9	29.8	38.7	44.1			
For fuel use *	do	² 61.5		3.8	4.2	9.0	13.8	11.2	3.8	5.0	4.5	10.1	16.2			
Stocks, end of period	do	6.5		18.2	15.6	15.1	18.5	11.5	15.1	12.5	10.9	16.4	15.7			

See footnotes at end of tables.

Units	Annual		1984										1985			
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHEMICALS AND ALLIED PRODUCTS—Continued																
PLASTICS AND RESIN MATERIALS																
Production:																
Phenolic resins.....mil. lb.	'1,459.6	'1,470.5	128.5	132.7	132.4	123.9	124.8	109.3	118.3	120.0	130.5	115.6	112.3			
Polyethylene and copolymers.....do	'14,045.3	'14,621.9	1,194.1	1,321.5	1,240.3	1,308.2	1,224.2	1,217.3	1,164.1	1,230.6	1,233.1	1,231.2	1,049.2			
Polypropylene.....do	'4,456.9	'4,960.7	413.4	439.4	378.0	395.8	407.8	361.4	501.6	500.5	454.7	397.4	413.2			
Polystyrene and copolymers.....do	'6,254.0	'5,861.4	498.4	530.2	522.8	527.0	509.1	474.9	487.0	520.2	501.3	447.3	458.8			
Polyvinyl chloride and copolymers.....do	'6,256.1	'6,957.6	576.8	663.4	636.1	560.4	525.6	457.1	554.6	544.6	586.0	596.5	636.2			
MISCELLANEOUS PRODUCTS																
Explosives (industrial), shipments, quarterly mil. lb.	2,229.3	2,619.7		668.8			622.3			669.7			619.0			
Paints, varnish, and lacquer, shipments: diamond																
Total shipments.....mil. \$	7,843.8	'8,873.2	676.7	764.2	758.2	843.4	844.0	789.4	838.1	'749.7	'771.0	'638.5	'571.3	687.9		
Architectural coatings.....do	3,321.3	'3,475.9	256.3	308.7	311.1	359.8	365.6	333.8	347.1	'286.1	'280.4	'213.8	'190.8	222.7		
Product coatings (OEM).....do	2,907.4	'3,496.4	277.1	307.9	290.5	305.1	298.9	284.8	304.8	'296.2	'319.9	'279.4	'253.3	309.4		
Special purpose coatings.....do	1,615.1	'1,909.9	143.3	147.6	156.6	178.5	179.6	170.8	186.2	'167.3	'170.7	'145.3	'127.2	155.7		
ELECTRIC POWER AND GAS																
ELECTRIC POWER																
Production:																
Electric utilities, total.....mil. kw.-hr.	2,310,285	2,416,304	189,564	200,107	181,084	192,217	209,649	221,245	229,296	195,198	190,936	190,380	199,996	227,733		
By fuels.....do	1,978,154	2,095,154	161,664	169,672	151,114	160,404	180,875	193,750	204,159	174,287	170,050	168,121	174,162	200,235		
By waterpower.....do	332,130	321,150	27,900	30,435	29,970	31,814	28,773	27,495	25,137	20,911	20,887	22,259	25,834	27,498		
Sales to ultimate customers, total (Edison Electric Institute) †.....mil. kw.-hr.																
Commercial \$.....do	2,157,598	'2,278,896		577,912			542,212			614,853			544,971			
Industrial \$.....do	546,252	'578,526		136,370			137,458			162,258			139,962			
Residential or domestic.....do	780,020	'836,872		205,977			211,560			216,833			205,189			
Railways and railroads.....do	4,296	'4,422		1,012			959			875			1,119			
Residential or domestic.....do	750,850	'776,448		214,948			171,620			212,708			178,232			
Street and highway lighting.....do	14,052	'13,926		3,689			3,284			3,277			3,560			
Other public authorities.....do	56,720	'62,632		14,648			15,745			16,785			15,465			
Interdepartmental.....do	5,407	'6,071		1,289			1,586			2,118			1,443			
Revenue from sales to ultimate customers (Edison Electric Institute) †.....mil. \$	129,558	'142,106		34,253			33,200			40,309			34,287			
GAS †																
Total utility gas, quarterly (American Gas Association):																
Customers, end of period, total.....thous.	48,948	49,651		49,614			49,348			48,958			49,651			
Residential.....do	45,035	45,637		45,615			45,378			45,044			45,637			
Commercial.....do	3,685	3,785		3,771			3,742			3,686			3,785			
Industrial.....do	181	182		182			182			182			182			
Other.....do	47	47		46			47			47			47			
Sales to customers, total.....tril. Btu.	12,859	'13,170		4,791			2,846			2,181			3,215			
Residential.....do	4,450	'4,615		2,207			892			380			1,140			
Commercial.....do	2,298	'2,379		1,054			463			273			593			
Industrial.....do	5,970	'6,036		1,474			1,463			1,508			1,446			
Other.....do	140	141		56			29			20			35			
Revenue from sales to customers, total.....mil. \$	65,837	'67,463		24,893			14,413			10,837			16,652			
Residential.....do	26,173	'27,397		12,434			5,397			2,651			6,869			
Commercial.....do	12,659	'13,162		5,740			2,565			1,538			3,313			
Industrial.....do	26,315	'26,237		6,443			6,316			6,558			6,299			
Other.....do	690	667		276			134			89			170			
FOOD AND KINDRED PRODUCTS; TOBACCO																
ALCOHOLIC BEVERAGES																
Beer:																
Production.....mil. bbl.	195.12	192.24	14.75	17.72	16.65	18.59	18.47	18.64	17.59	14.58	15.14	13.06	12.89	15.50		
Taxable withdrawals.....do	177.50	174.75	12.63	15.32	14.88	16.67	17.23	16.90	16.97	13.66	14.29	12.40	11.88	13.51		
Stocks, end of period.....do	13.26	12.86	14.17	15.24	15.55	15.87	15.67	14.86	14.44	13.69	13.74	12.85	12.86	13.72		
Distilled spirits (total):																
Production.....mil. tax gal.	'120.83		11.99	13.31	13.32	11.76	6.81	4.82	7.75	10.44	15.19	10.45				
Consumption, apparent, for beverage purposes.....mil. wine gal.	'2,430.99	'2,425.96	30.72	34.28	32.74	34.17	36.42	31.24	33.05	32.55	37.68	41.60	49.15			
Stocks, end of period.....mil. tax gal.	551.47		577.43	548.92	561.07	575.44	578.07	568.78	563.93	561.68	560.00	557.56				
Imports.....mil. proof gal.	116.35	117.86	9.46	7.58	11.12	11.89	9.41	10.03	8.62	9.00	10.20	13.20	10.15	8.48	7.73	
Whisky:																
Production.....mil. tax gal.	73.59		8.82	9.91	9.72	8.30	4.15	3.03	4.90	5.77	7.47	6.71				
Stocks, end of period.....do	480.38		507.06	480.01	507.60	502.14	503.20	498.16	493.66	490.18	485.35	483.92				
Imports.....mil. proof gal.	83.84	78.04	6.84	4.65	7.80	5.34	6.69	6.69	5.86	5.95	6.94	9.38	7.06	5.96	5.74	
Wines and distilling materials:																
Effervescent wines:																
Production.....mil. wine gal.	37.13		2.94	2.26	2.35	2.78	4.11	2.56	3.69	2.68	4.20	3.82				
Taxable withdrawals.....do	'32.54		.95	2.25	1.64	4.29	1.99	1.09	2.64	1.92	6.72	3.71				
Stocks, end of period.....do	16.11		17.70	17.82	18.71	17.76	19.02	19.96	20.54	20.17	16.99	17.96				
Imports.....do	11.11	14.91	.80	.81	1.02	1.01	.86	1.05	1.05	1.29	1.53	1.97	2.17	1.43	.86	
Still wines:																
Production.....do	'429.46		6.05	8.45	4.07	6.68	4.27	5.35	63.82	187.34	104.95	21.66				
Taxable withdrawals.....do	'366.57		27.64	33.10	33.84	32.32	33.34	26.00	34.16	29.78	36.37	35.33				
Stocks, end of period.....do	686.47		601.11	574.31	539.35	504.59	468.91	437.43	488.25	565.34	677.36	647.87				
Imports.....do	119.83	127.49	7.93	9.02	10.80	9.49	9.50	13.04	10.07	11.30	10.18	13.14	11.73	11.23	7.48	
Distilling materials produced at wineries.....do	174.94		2.28	2.83	2.46	4.83	1.19	1.75	33.56	55.68	30.72	10.19				

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
DAIRY PRODUCTS																	
Butter:																	
Production (factory).....mil. lb.	1,299.2	1,120.1	113.0	111.1	106.2	105.9	80.3	72.8	70.6	69.1	86.5	81.1	97.3	118.4	107.5		
Stocks, cold storage, end of period.....do	499.4	296.6	532.5	529.3	532.4	538.5	516.7	489.6	462.7	426.3	374.3	335.9	296.6	277.3	*289.4	289.7	
Producer Price Index **.....1967=100	226.6	228.8	219.2	220.2	220.2	221.3	227.3	242.1	227.1	241.3	243.0	243.3	221.7	217.2	216.8	217.1	
Cheese:																	
Production (factory), total.....mil. lb.	4,818.4	4,688.4	369.1	412.9	415.3	436.8	419.7	387.7	368.5	349.4	377.6	371.8	392.2	390.6	355.3		
American, whole milk.....do	2,927.6	2,696.9	221.4	247.6	250.3	269.7	257.2	230.2	206.6	185.2	196.6	190.9	210.1	223.1	201.7		
Stocks, cold storage, end of period.....do	1,204.6	986.2	1,219.8	1,217.4	1,182.4	1,208.0	1,193.4	1,185.5	1,147.6	1,115.0	1,078.4	1,044.2	986.2	968.9	*944.4	896.5	
American, whole milk.....do	1,099.7	884.8	1,116.4	1,117.3	1,081.5	1,103.4	1,089.1	1,078.3	1,045.1	1,018.0	979.8	945.8	884.8	865.7	*844.0	794.6	
Imports.....do	286.2	306.0	16.7	19.2	24.2	25.4	19.5	31.8	27.1	25.2	27.9	32.2	34.8	16.8	24.0		
Price, wholesale, cheddar, single daisies (Chicago).....\$ per lb.	1.682	1.704	1.689	1.689	1.689	1.689	1.688	1.700	1.721	1.759	1.744	1.699	1.691	1.683	1.667	1.660	
Condensed and evaporated milk:																	
Production, case goods.....mil. lb.	694.2	631.2	44.6	51.2	57.3	60.8	55.4	54.1	53.7	50.5	53.0	48.3	53.5	44.2	43.1		
Stocks, manufacturers', case goods, end of period.....do	46.7	41.7	50.0	52.8	60.7	78.6	89.7	96.6	102.2	102.9	88.7	54.3	41.7	42.2	43.6		
Exports.....do	5.6	8.1	.5	.6	.7	.4	.4	.4	.5	.9	1.0	1.1	.8	.8	.7		
Fluid milk:																	
Production on farms.....do	139,672	135,444	10,855	11,723	11,662	12,227	11,720	11,485	11,206	10,777	10,918	10,529	10,967	11,209	10,566	11,857	
Utilization in manufactured dairy products.....do	82,609	77,121	6,413	6,971	6,943	7,413	6,925	6,499	6,229	5,634	5,955	5,576	5,980	6,494	6,021		
Price, wholesale, U.S. average.....\$ per 100 lb.	13.60	13.39	13.40	13.20	13.10	13.00	12.80	12.90	13.10	13.60	14.00	14.30	14.00	14.00	*13.70	*13.50	
Dry milk:																	
Production:																	
Dry whole milk.....mil. lb.	111.2	121.0	9.2	11.3	10.6	10.0	12.1	9.8	8.3	10.2	9.4	9.8	9.9	11.7	11.1		
Nonfat dry milk (human food).....do	1,499.9	1,186.9	105.0	109.2	113.8	128.5	119.8	111.7	88.1	71.7	72.2	69.7	85.2	88.4	91.1		
Stocks, manufacturers', end of period:																	
Dry whole milk.....do	6.4	5.4	5.4	5.8	5.2	6.3	8.6	8.8	7.9	7.1	6.6	4.9	5.4	6.6	6.5		
Nonfat dry milk (human food).....do	74.6	61.1	62.8	58.9	67.0	74.6	74.5	72.9	58.4	52.7	42.9	38.3	61.1	55.5	57.1		
Exports, whole and nonfat (human food).....do	321.6	198.9	13.1	9.0	12.9	.8	5.0	5.8	14.3	54.2	28.8	13.9	12.2	5.5	8.6		
Price, manufacturers' average selling, nonfat dry milk (human food).....\$ per lb.	.988	.912	.910	.911	.911	.910	.910	.911	.913	.912	.913	.915	.916	.915	.913		
GRAIN AND GRAIN PRODUCTS																	
Exports (barley, corn, oats, rye, wheat).....mil. bu.	3,440.2	3,611.1	277.6	313.3	281.6	286.5	226.6	267.9	287.1	367.7	302.8	348.6	350.4	321.0	256.5		
Barley:																	
Production (crop estimate).....do	*508.9	*596.5															
Stocks (domestic), end of period, total.....do	367.6	437.8		268.9		*189.4					573.6			437.8			
On farms.....do	244.9	306.5		169.4		*117.0					402.1			306.5			
Off farms.....do	122.7	131.3		99.6		*72.4					171.5			131.3			
Exports, including malt \$.....do	71.6	95.5	6.0	11.2	6.0	4.1	4.9	2.1	5.2	17.5	9.0	9.9	11.8	7.2	4.7		
Producer Price Index, No. 2 feed, Minneapolis *.....1967=100	180.9	200.9	216.6	223.4	236.1	237.8	229.3	186.0	169.9	175.8	180.1	181.8	157.1	169.9	174.1	165.6	
Corn:																	
Production (crop estimate, grain only).....mil. bu.	*4,174.7	*7,656.2															
Stocks (domestic), end of period, total.....do	4,912.9	5,808.3		3,251.2		*2,145.1					*728.2			5,808.3			
On farms.....do	3,080.0	4,243.1		1,933.7		*1,213.1					*347.9			4,243.1			
Off farms.....do	1,832.9	1,560.2		1,317.6		*932.0					*375.4			1,560.2			
Exports, including meal and flour.....do	1,876.5	1,928.6	158.4	176.4	174.6	163.0	111.0	128.1	135.3	106.4	154.2	242.1	206.5	208.2	164.4		
Producer Price Index, No. 2, Chicago *.....1967=100	248.4	250.9	246.7	268.1	280.8	274.3	276.9	271.2	254.0	240.0	217.5	216.3	209.6	215.5	214.6	217.8	
Oats:																	
Production (crop estimate).....mil. bu.	*477.0	*471.9															
Stocks (domestic), end of period, total.....do	378.8	357.2		270.0		*181.1					473.9			357.2			
On farms.....do	322.4	299.4		226.7		*151.2					397.4			299.4			
Off farms.....do	56.4	57.8		43.3		*29.8					76.5			57.8			
Exports, including oatmeal.....do	2.8	1.9	.1	.3	.2	.1	.3	.2	(?)	.2	.2	.1	.1	.1	.1		
Producer Price Index, No.2, Minneapolis *.....1967=100	252.6	266.5	250.1	267.9	272.9	280.7	269.3	271.5	250.1	253.0	255.8	274.3	270.0	258.7	261.5	259.4	
Rice:																	
Production (crop estimate).....mil. bags #	*99.7	*137.0															
California mills:																	
Receipts, domestic, rough.....mil. lb.	2,730		87	243	226	186	191	144	166	76	(*)						
Shipments from mills, milled rice.....do	1,884		86	151	136	179	152	116	157	153	(*)						
Stocks, rough and cleaned (cleaned basis), end of period.....mil. lb.	478		413	461	505	378	331	293	244	183	(*)						
Southern States mills (Ark., La., Tenn., Tex.):																	
Receipts, rough, from producers.....mil. lb.	9,143	9,476	488	522	347	293	142	108	695	2,560	1,934	964	653	535	391		
Shipments from mills, milled rice.....do	6,289	6,183	548	562	479	488	479	440	517	610	542	545	475	462	460		
Stocks, domestic, rough and cleaned (cleaned basis), end of period.....mil. lb.	2,703	2,868	2,592	2,418	1,902	1,626	1,325	984	930	2,017	2,792	2,899	2,868	2,775	2,627		
Exports.....do	5,151	4,509	220	462	432	420	431	314	384	566	331	343	307	236	292		
Producer Price Index, medium grain, milled **.....1967=100	202.0	202.7	205.9	205.9	205.9	205.9	205.9	205.7	203.2	201.0	195.8	195.4	195.4	196.5	199.9	204.7	
Rye:																	
Production (crop estimate).....mil. bu.	*27.1	*32.4															
Stocks (domestic), end of period.....do	*5.8																
Producer Price Index, No.2, Minneapolis *.....1967=100	210.7	200.9	210.5	214.8	223.4	219.1	212.6	197.6	185.2	180.4	176.1	184.7	193.3	199.3	196.8	197.6	
Wheat:																	
Production (crop estimate), total.....mil. bu.	*2,420	*2,596															
Spring wheat.....do	*432	*535															
Winter wheat.....do	*1,988	*2,061															
Distribution, quarterly @.....do	2,606	2,790		569				*360			*1,259			602			
Stocks (domestic), end of period, total.....do	2,326.4	2,139.8		1,758.1		*1,398.6					2,740.0			2,139.8			
On farms.....do	1,015.4	933.5		771.2		*591.6					1,217.3			933.5			
Off farms.....do	1,311.0	1,206.3		986.9		*807.0					1,522.7			1,206.3			
Exports, total, including flour.....do	1,488.3	1,584.6	113.1	125.3	100.8	119.2	110.5	137.3	146.7	243.5	139.5	96.4	132.0	105.7	87.3		
Wheat only.....do	1,407.6	1,544.9	111.0	118.7	94.3	111.7	104.8	133.3	146.0	242.4	136.9	96.1	131.4	105.3	81.8		

See footnotes at end of tables.

Units	Annual		1984										1985			
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Continued																
Wheat—Continued																
Producer Price Indexes: *																
Hard, winter Ord, No.1, Kans. City																
1967 = 100 ..	237.2	228.3	219.2	229.1	236.2	228.0	230.4	219.9	225.9	235.6	231.9	229.8	224.3	228.2	226.5	217.1
Spring, No. 1, D.N. Ord, Minneapolis																
1967 = 100 ..	228.3	220.8	222.3	231.9	236.7	243.2	243.2	240.3	206.0	198.9	200.5	202.7	193.8	193.4	196.0	195.6
Wheat flour:																
Production:																
Flour \$.....thous. sacks (100 lb.)..	306,066	299,476	25,482	25,931	24,076	26,630	24,306	22,847	26,025	24,388	26,289	25,080	23,656	25,495	25,637	
Milled \$.....thous. sh. tons.....	5,562	5,420	465	472	438	487	435	416	477	440	470	450	426	447	446	
Grindings of wheat \$.....thous. bu.....	686,983	674,665	57,537	58,388	54,011	60,139	54,611	51,763	59,165	55,195	58,739	56,335	53,087	56,866	57,502	
Stocks held by mills, end of period																
thous. sacks (100 lb.)..	3,805	4,207		3,780			3,763			3,833			4,207			
Exports.....do.....	34,623	17,020	883	2,842	2,802	3,213	2,457	1,716	285	475	1,131	164	223	143	2,334	
Producer Price Index *.....6/83=100		97.7	95.8	97.0	99.3	98.8	100.6	99.5	96.9	96.9	97.3	97.7	96.7	98.1	98.7	98.2
POULTRY AND EGGS																
Poultry:																
Slaughter.....mil. lb.....																
15,547	16,181	1,168	1,270	1,264	1,442	1,393	1,396	1,545	1,330	1,596	1,338	1,230	1,372	1,155		
Stocks, cold storage (frozen), end of period,																
total.....mil. lb.....																
281	267	251	255	265	302	352	417	476	527	555	530	267	281	291	301	
Turkeys.....do.....																
162	125	146	144	142	181	226	278	331	391	415	196	125	124	131	134	
Price, in Georgia producing area,																
live broilers.....\$ per lb.....																
.270	.324	.365	.365	.340	.310	.315	.346	.280	.310	.275	.285	.270	.290	.290	.285	
Eggs:																
Production on farms.....mil. cases \$.....																
189.4	189.4	14.8	16.1	15.7	15.9	15.3	16.0	16.0	15.6	16.3	16.0	16.8	16.5	14.7	16.5	
Stocks, cold storage, end of period:																
Shell.....thous. cases \$.....																
13	31	17	36	35	41	42	29	31	23	37	35	31	30	29	23	
Frozen.....mil. lb.....																
12	13	11	12	13	13	16	18	17	17	18	16	13	15	14	13	
Price, wholesale, large (delivered; Chicago)																
\$ per doz.....																
.727	.786	1.026	.883	1.018	.743	.681	.690	.665	.672	.607	.704	.622	.584	.551	.623	
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals.....																
2,798	3,030	236	264	226	233	218	258	294	245	282	275	247	270	236	261	
Cattle.....do.....																
34,316	35,880	2,836	2,954	2,723	3,169	3,062	2,996	3,260	2,903	3,313	2,923	2,784	3,134	2,661	2,761	
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb.....																
62.52	65.33	67.07	68.60	67.86	65.89	64.28	65.79	64.36	62.68	60.85	64.24	65.32	64.35	62.80	59.58	
Steers, stocker and feeder																
(Kansas City).....do.....																
61.39	63.11	65.97	66.30	64.15	60.82	59.23	62.17	61.34	62.01	62.74	63.96	64.26	66.00	67.02	66.66	
Calves, vealers (So. St. Paul).....do.....																
72.97	63.98	77.50	77.50	77.50	78.00	75.47	58.12	52.50	52.50	53.75	50.00	50.00	52.00	62.19	60.00	
Hogs:																
Slaughter (federally inspected).....thous. animals.....																
84,762	82,478	6,591	7,578	6,953	7,153	6,392	5,806	6,628	6,439	7,908	7,354	6,729	7,114	6,208	6,932	
Prices:																
Wholesale, average, all weights (Sioux City)																
\$ per 100 lb.....																
47.73	49.03	46.68	47.36	48.69	48.22	50.04	54.25	52.57	47.86	45.01	48.55	49.03	49.60	49.55	44.54	
Hog-corn price ratio (bu. of corn equal in																
value to 100 lb. live hog).....do.....																
16.6	15.3	14.6	14.3	14.3	14.1	14.5	15.8	16.2	16.0	16.5	18.4	19.0	18.2	18.4	16.6	
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals.....																
6,412	6,549	548	586	592	558	500	511	561	528	588	524	514	544	473	564	
Price, wholesale, lambs, average (Omaha) †																
\$ per 100 lb.....																
54.74	61.39	58.75	58.75	60.50	62.25	61.75	61.50	62.76	63.58	63.35	62.98	60.08	62.13	66.92	67.75	
MEATS																
Total meats (excluding lard):																
Production, total.....mil. lb.....																
38,974	38,987	3,092	3,349	3,079	3,411	3,205	3,045	3,362	3,111	3,672	3,324	3,119	3,420	2,938	3,161	
Stocks, cold storage, end of period.....do.....																
679	696	708	738	778	819	776	714	628	646	677	687	696	735	711	722	
Exports (meat and meat prepara-																
tions).....do.....																
1,449	1,422	104	134	106	114	103	128	119	123	139	121	119	119	110		
Imports (meat and meat prepara-																
tions).....do.....																
2,030	2,160	167	171	198	161	128	209	198	189	226	175	159	193	179		
Beef and veal:																
Production, total.....do.....																
23,487	23,895	1,895	1,977	1,812	2,099	2,022	1,976	2,156	1,943	2,228	1,967	1,869	2,108	1,805	1,897	
Stocks, cold storage, end of period.....do.....																
334	372	343	336	334	321	311	310	298	328	339	359	372	388	362	345	
Exports.....do.....																
571	627	47	67	46	49	36	59	56	57	60	48	50	50	56		
Imports.....do.....																
1,382	1,277	108	107	113	81	60	123	120	112	149	98	88	102	94		
Price, wholesale, beef, fresh, steer carcasses,																
choice (600-700 lbs.)																
(Central U.S.).....\$ per lb.....																
.978	1.001	1.029	1.051	1.035	.996	.985	1.013	.976	.944	.924	.991	1.012	.995	.974	.920	
Lamb and mutton:																
Production, total.....mil. lb.....																
363	372	32	35	34	31	27	28	31	29	33	30	30	32	28	33	
Stocks, cold storage, end of period.....do.....																
11	7	8	8	9	9	8	8	7	9	8	8	7	7	7	7	
Pork (excluding lard):																
Production, total.....do.....																
15,120	14,720	1,165	1,338	1,233	1,281	1,156	1,041	1,175	1,139	1,411	1,326	1,220	1,281	1,105	1,232	
Stocks, cold storage, end of period.....do.....																
301	274	312	351	390	438	405	345	269	257	276	269	274	292	285	314	
Exports.....do.....																
251	197	16	18	19	18	14	16	13	12	21	17	14	16	14		
Imports.....do.....																
555	784	52	56	75	74	62	78	69	67	68	69	62	78	76		
Prices:																
Producer Price Index, Hams, smoked																
1967 = 100 ..																
292.6	293.9	283.0	279.6	286.9	286.3	283.8	286.5	294.9	295.0	294.9	312.5	335.4	296.9	294.1	288.4	
Fresh loins, 8-14 lb. average,																
wholesale (N.Y.).....\$ per lb.....																
1.159	1.157	1.152	1.072	1.112	1.141	1.150	1.342	1.246	1.198	1.072	1.037	1.120	1.191	1.164	1.065	
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (including shells).....thous. lg. tons.....																
213.7	190.9	21.3	28.7	16.9	24.7	15.3	13.3	10.8	10.4	5.0	10.8	18.2	42.2	43.7		
Producer price, Accra (New																
York).....\$ per lb.....																
1.082	1.262	1.340	1.335	1.233	1.350	1.285	1.215	1.170	1.210	1.250	1.260	1.130	1.090			
Coffee:																
Imports, total.....thous. bags ◇.....																
16,449	17,734	1,299	1,440	1,905	1,615	1,059	1,722	1,735	1,432	1,614	1,127	1,187	1,622	1,681		
From Brazil.....do.....																
3,418	3,866	149	267	313	315	193	377	510	408	453	347	254	325	327		
Producer price, Santos, No. 4																
(N.Y.).....\$ per lb.....																
1.400	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	1.430	
Fish:																
Stocks, cold storage, end of period.....mil. lb.....																
425	370	369	343	329	321	342	376	385	416	397	403	370	336	311	302	

See footnotes at end of tables.

Units	Annual		1984										1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.

MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar:																
Exports, raw and refined.....sh. tons..	207,871	308,300	33,940	30,094	32,915	37,144	19,892	12,019	15,985	14,022	27,266	21,204	35,419	26,752	38,165	
Imports, raw and refined.....thous. sh. tons..	2,915	2,947	358	278	299	204	174	247	212	168	259	313	165	249	202	
Producer Price Indexes: *																
Raw (cane).....1967=100..	315.9	312.0	315.6	314.8	315.3	314.5	315.5	315.4	310.8	312.3	309.4	306.2	304.5	297.7	293.6	298.0
Refined.....12/77=100..	172.1	173.5	173.4	174.6	174.5	175.4	174.8	174.2	173.8	172.8	172.1	171.6	170.6	168.2	165.1	165.6
Tea, imports.....thous. lb.	170,451	194,565	15,956	20,235	18,031	17,546	12,803	22,287	12,023	14,169	20,946	12,386	12,585	16,238	13,856	
TOBACCO																
Leaf:																
Production (crop estimate).....mil. lb.	1,429	1,744														
Stocks, dealers' and manufacturers', end of period.....do	5,357	5,444		5,210				4,987			5,186			5,444		
Exports, incl. scrap and stems.....thous. lb.	509,828	528,451	40,165	43,329	32,400	26,476	28,857	14,831	18,351	39,148	67,982	97,864	77,064	34,611	48,495	
Imports, incl. scrap and stems.....do	316,917	409,102	43,619	40,005	27,690	26,321	22,928	49,558	36,888	33,184	33,937	38,837	26,347	32,310	42,942	
Manufactured:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions..	69,680	67,112	4,790	5,745	5,341	5,172	5,080	6,091	5,731	5,362	6,635	6,302	5,620	5,594		
Taxable.....do	597,464	597,893	44,582	50,788	47,415	50,315	57,741	44,541	53,152	46,797	56,633	53,202	42,779	44,503		
Cigars (large), taxable.....do	3,030	2,960	226	246	217	267	284	205	276	261	282	230	222	212		
Exports, cigarettes.....do	60,698	56,517	4,366	4,893	5,081	3,557	4,802	4,895	3,885	5,308	5,617	5,959	4,378	5,454	5,311	

LEATHER AND PRODUCTS

LEATHER																
Exports:																
Upper and lining leather.....thous. sq. ft.	155,808	163,373	13,015	17,787	14,772	19,514	14,294	12,907	14,046	11,219	11,533	10,231	10,431	10,266	8,855	
Price, producer:																
Sole, bends, light.....index, 1967=100..																
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs...	344,265	296,708	28,458	29,565	27,115	27,956	24,074	20,277	25,456	21,445	24,680	21,856	19,136	22,530		
Shoes, sandals, and play shoes, except athletic.....thous. pairs..	268,991	229,366	22,185	22,800	21,294	21,809	18,703	16,700	18,580	16,050	18,545	16,759	15,057	17,304		
Slippers.....do	56,215	55,068	5,216	5,360	4,737	5,070	4,614	2,978	5,579	4,384	5,176	4,241	3,097	4,245		
Athletic.....do	19,059	12,274	1,057	1,405	1,084	1,077	757	599	1,297	1,011	959	856	982	981		
Other footwear.....do	5,696	4,332	303	367	320	295	327	352	473	435	551	393	285	207		
Exports.....do	6,158	6,240	344	450	468	675	461	486	581	594	683	587	549	453	461	
Producer Price Indexes:																
Men's leather upper, dress and casual 12/80=100..																
	107.0	107.8	108.5	108.1	107.9	107.6	107.6	108.1	109.0	109.2	109.2	105.5	105.0	105.3	110.6	110.3
Women's leather upper.....1967=100..																
	223.4	218.6	222.9	224.1	218.0	218.1	215.2	215.6	216.2	216.3	216.6	223.1	215.2	222.7	223.2	221.8
Women's plastic upper.....12/80=100..																
	100.7	102.8	102.8	102.7	105.1	105.1	105.1	102.0	102.0	101.6	101.4	101.4	102.6	102.6	104.2	101.7

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total.....mil. bd. ft.	31,479	36,675	2,678	3,104	2,983	2,828	2,968	2,685	2,933	2,776	3,154	2,814	2,295			
Hardwoods.....do	5,721	5,713	484	487	461	491	538	497	563	544	529	438	388			
Softwoods.....do	25,758	30,962	2,194	2,617	2,522	2,337	2,430	2,188	2,370	2,232	2,625	2,376	1,907			
Shipments, total.....do	31,358	36,598	2,603	3,022	2,875	2,993	2,756	2,950	2,688	3,154	2,922	2,397				
Hardwoods.....do	5,896	5,493	479	490	468	491	506	470	529	520	497	420	363			
Softwoods.....do	25,462	31,105	2,124	2,532	2,407	2,361	2,487	2,286	2,421	2,168	2,657	2,502	2,034			
Stocks (gross), mill, end of period, total.....do	5,866	6,225	6,097	6,178	6,287	6,283	6,257	6,186	6,176	6,265	6,239	6,327	6,225			
Hardwoods.....do	1,591	1,762	1,603	1,576	1,570	1,568	1,599	1,626	1,667	1,692	1,724	1,737	1,762			
Softwoods.....do	4,275	4,463	4,494	4,602	4,717	4,715	4,658	4,560	4,509	4,573	4,515	4,590	4,463			
Exports, total sawmill products.....do																
Imports, total sawmill products.....do	12,293	13,614	1,135	1,108	1,098	1,073	1,172	1,202	1,191	1,298	1,185	1,104	1,108	967	1,203	
SOFTWOODS																
Douglas fir:																
Orders, new.....mil. bd. ft.	7,864	8,152	655	881	656	620	761	694	663	662	681	634	477	602	555	
Orders, unfilled, end of period.....do	674	561	765	820	701	627	632	658	594	649	603	587	561	561	567	
Production.....do	7,934	8,113	691	850	793	691	722	631	653	648	654	586	586	606	577	
Shipments.....do	7,802	8,265	646	826	775	694	756	668	727	607	727	650	503	602	549	
Stocks (gross), mill, end of period.....do	994	842	1,088	1,112	1,130	1,127	1,093	1,056	982	1,023	950	886	842	846	874	
Exports, total sawmill products.....do	569	544	44	57	60	50	52	49	40	45	40	33	35	40	36	
Sawed timber.....do	129	151	9	13	22	12	10	11	10	19	18	9	7	16	9	
Boards, planks, scantlings, etc.....do	439	393	35	44	39	37	42	39	30	26	22	23	28	24	27	
Producer Price Index, Douglas fir, dressed † 1967=100..	361.5	328.1	351.7	369.7	364.3	335.8	322.8	307.8	309.2	312.5	301.6	312.8	325.8	333.0	341.3	353.1

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
LUMBER AND PRODUCTS—Continued																	
SOFTWOODS—Continued																	
Southern pine:																	
Orders, new.....mil. bd. ft.	'10,647	'10,509	577	677	570	662	660	612	614	543	955	893	543				
Orders, unfilled, end of period.....do.	796	558	498	544	514	542	589	603	590	557	671	704	558				
Production.....do.	'10,406	'10,844	610	661	626	615	636	605	657	617	893	824	679				
Shipments.....do.	'10,441	'10,747	601	652	600	634	613	598	627	576	859	822	664				
Stocks (gross), mill and concentration yards, end of period.....mil. bd. ft.	'1,706	'1,803	1,447	1,479	1,505	1,486	1,509	1,516	1,546	1,586	1,602	1,784	1,803				
Exports, total sawmill products.....thous. bd. ft.	217,660	184,793	17,975	14,273	13,136	19,520	19,159	12,378	11,898	14,283	18,435	13,148	15,940	19,648	8,790		
Producer Price Index, southern pine, dressed †.....1967=100	319.9	319.8	337.3	336.1	334.5	320.4	317.1	318.8	318.4	308.5	305.4	302.4	304.7	303.3	294.2	294.3	
Western pine:																	
Orders, new.....mil. bd. ft.	8,350	8,994	634	804	756	740	811	791	764	764	816	766	617	647	583		
Orders, unfilled, end of period.....do.	410	407	470	457	422	396	373	407	378	413	436	422	407	408	406		
Production.....do.	8,488	8,923	650	866	863	759	788	716	781	699	788	723	571	636	619		
Shipments.....do.	8,264	8,997	630	817	791	766	834	757	793	729	793	780	632	646	585		
Stocks (gross), mill, end of period.....do.	1,279	1,205	1,343	1,392	1,464	1,457	1,411	1,370	1,358	1,328	1,323	1,266	1,205	1,195	1,229		
Producer Price Index, other softwood, dressed †.....1967=100	403.2	385.6	417.2	425.1	416.8	393.1	385.4	365.9	368.8	362.5	360.8	367.8	369.7	377.2	379.8	379.3	
HARDWOOD FLOORING																	
Oak:																	
Orders, unfilled, end of period.....mil. bd. ft.	8.6	7.3	10.4	10.4	9.0	9.2	8.9	8.2	7.0	6.9	7.0	7.4	7.3	7.4	6.9		
Shipments.....do.	98.9	109.6	9.4	9.5	8.5	9.3	8.9	7.5	10.7	10.3	9.9	9.3	7.7	9.5	8.7		
Stocks (gross), mill, end of period.....do.	5.5	5.7	3.7	3.7	4.0	3.8	5.0	3.7	4.0	4.1	4.3	4.0	5.7	5.1	5.4		

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons	1,199	980	73	80	73	90	86	90	94	76	89	61	83	66	73	
Scrap.....do.	7,520	9,498	663	683	606	899	954	957	852	702	924	808	826	683	697	
Pig iron.....do.	6	57	2	22	(?)	1	13	11	1	1	2	2	1	1	2	
Imports:																
Steel mill products.....do.	17,070	26,171	2,161	2,224	2,216	1,998	1,776	2,656	2,515	2,182	1,986	2,209	2,165	2,663	2,050	
Scrap.....do.	641	577	60	61	50	48	40	41	43	46	43	49	44	38	50	
Pig iron.....do.	233	702	55	45	62	24	121	67	88	37	67	63	25	62	26	
Iron and Steel Scrap																
Production.....thous. sh. tons	27,149	'36,128	2,499	2,866	2,734	2,859	2,733	2,510	2,376	2,144	2,323	2,050	2,244			
Receipts, net.....do.	32,557	'29,524	3,592	3,730	3,476	3,470	3,157	3,089	2,732	2,615	2,844	2,985	1,981			
Consumption.....do.	61,782	'66,083	5,332	6,460	6,256	6,393	5,820	5,662	5,143	4,897	5,150	4,662	4,271			
Stocks, end of period.....do.	5,307	'5,254	5,789	5,892	5,861	5,757	5,755	6,016	5,613	5,484	5,457	5,313	5,254			
Prices, steel scrap, No. 1 heavy melting:																
Composite.....\$ per lg. ton	67.24	81.69	89.89	88.81	87.34	86.68	82.30	76.82	74.46	77.96	79.51	77.19	74.69	76.44	77.78	
Pittsburgh district.....do.	76.92	92.38	103.00	100.50	102.00	102.00	95.00	86.50	82.50	87.50	89.00	81.00	81.50	85.50	87.00	
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons	'37,562	51,274	4,303	4,877	4,946	5,733	5,513	5,143	4,053	3,888	4,430	3,277	1,966	2,535		
Shipments from mines.....do.	'44,596	50,220	1,251	1,477	3,655	6,248	6,095	7,265	5,904	4,695	5,071	4,985	2,432	607		
Imports.....do.	13,246	17,160	811	418	1,238	1,457	1,627	2,525	1,545	2,215	1,545	1,675	1,503	1,066	568	
U.S. and foreign ores and ore agglomerates:																
Receipts at iron and steel plants.....do.	57,197	64,881	1,556	1,841	5,148	7,919	7,871	9,071	7,950	5,926	6,298	6,749	3,392	1,520		
Consumption at iron and steel plants.....do.	61,220	65,990	5,670	6,391	6,415	6,489	5,632	5,501	5,222	4,554	4,776	4,985	4,888	5,009		
Exports (domestic).....do.	'3,781	4,993	113	46	169	701	470	932	487	869	386	289	376	275		
Stocks, total, end of period.....do.	32,567	32,146	28,364	26,288	26,220	27,395	29,177	30,900	31,564	32,211	33,325	33,668	32,146	30,411		
At mines.....do.	3,209	5,187	8,996	12,396	13,697	13,187	12,608	10,479	8,628	7,834	7,193	5,518	5,187	7,115		
At furnace yards.....do.	25,494	24,017	16,857	12,238	10,949	12,391	14,610	18,218	20,880	22,181	23,703	25,517	24,017	20,473		
At U.S. docks.....do.	3,174	'2,942	2,511	1,654	1,574	1,817	1,959	2,203	2,056	2,195	2,429	2,633	2,942	2,823		
Manganese (manganese content), general imports.....do.																
	483	535	63	33	64	33	68	46	52	31	37	33	35	43	66	
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys).....thous. sh. tons	43,741	'51,904	4,497	5,083	5,077	5,166	4,565	4,329	4,057	3,473	3,739	3,817	3,694	3,969	3,897	4,634
Consumption.....do.	'50,070	'52,097		5,079	5,063	5,182	4,604	4,415	4,143	3,534	3,784	3,893	3,983			
Stocks, end of period.....do.	459	414		397	394	397	419	489	400	402	396	415	414			
Producer Price Index, basic.....6/82=100	100.1	100.3	100.5	100.2	100.5	100.1	100.5	101.0	100.2	100.3	100.2	100.3	99.4	100.1	98.9	
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons	637															
Shipments, total.....do.	9,247	10,621	905	926	918	1,004	931	817	962	851	1,006	805	635	787		
For sale.....do.	5,481	6,417	510	527	537	588	560	519	636	528	640	514	412	487		
Castings, malleable iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons	18															
Shipments, total.....do.	293	360	31	33	28	30	32	28	33	33	32	26	23	31		
For sale.....do.	92	156	13	12	11	12	15	13	16	16	16	10	10	14		

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
METALS AND MANUFACTURES—Continued																	
NONFERROUS METALS AND PRODUCTS—Continued																	
Copper-base mill and foundry products, shipments (quarterly total):																	
Brass mill products.....mil. lb.	2,116			³ 735				³ 726					³ 647				
Copper wire mill products (copper content).....do	2,285			³ 615				³ 543					³ 500				
Brass and bronze foundry products.....do	422			³ 121				³ 129					³ 110				
Lead:																	
Production:																	
Mine, recoverable lead.....thous. met. tons..	449.0	321.2	42.6	46.2	20.9	24.0	12.2	24.8	23.4	18.6	22.4	19.5	25.4	31.6			
Recovered from scrap (lead cont.).....do	504.1	567.1	48.6	47.6	48.5	46.6	46.7	44.5	50.0	49.0	51.7	48.1	41.3	41.6			
Imports (general), ore (lead content), metal.....do	58.8	80.3	5.1	8.1	6.6	3.1	8.0	2.4	3.3	11.4	7.2	5.4	6.9	8.3	4.9		
Consumption, total.....do	1,148.5	1,113.5	94.1	96.8	89.5	87.3	96.4	82.7	97.3	96.7	103.2	92.5	91.3	87.2			
Stocks, end of period:																	
Producers', ore, base bullion, and in process (lead content), ABMS.....thous. met. tons..	74.5	107.9	82.9	89.8	85.6	75.7	65.9	65.8	70.6	86.9	86.8	99.0	107.9	97.9	85.1		
Refiners' (primary), refined and antimonial (lead content).....thous. met. tons..	³ 58.3	47.7	69.4	73.5	78.1	80.5	80.0	82.9	75.6	63.3	64.4	50.6	47.7	46.2			
Consumers' (lead content).....do	³ 100.8	68.8	72.1	72.7	74.4	69.3	73.1	73.0	72.4	73.7	67.9	67.0	68.8	67.1			
Scrap (lead-base, purchased), all smelters (gross weight).....thous. met. tons..	32.8	20.9	37.0	34.3	31.1	30.9	28.9	34.2	30.0	27.5	22.8	21.7	20.9	20.3			
Price, common grade, delivered.....\$ per lb.	2168	2555	2407	2503	2643	2537	2816	3051	2824	2418	2233	2525	2189	1909			
Tin:																	
Imports (for consumption):																	
Ore (tin content).....metric tons..	969	3,273	60	747	75	745	354	43	715	387	37	33	8	294	22		
Metal, unwrought, unalloyed.....do	34,048	41,241	4,661	3,344	5,375	3,907	3,856	2,184	3,510	2,834	3,271	2,834	2,408	3,261	1,526		
Recovery from scrap, total (tin cont.).....do	¹ 12,372	10,742	968	1,127	1,043	1,065	902	736	1,073	1,073	904	958	791	771			
As metal.....do	¹ 1,180	2,202	156	186	189	190	182	201	201	199	191	180	185	185			
Consumption, total.....do	55,800	50,200	4,300	5,300	3,900	4,500	4,400	4,100	4,400	4,100	4,000	3,300	3,500	4,000			
Primary.....do	40,400	38,700	3,200	4,100	3,100	3,500	3,500	3,200	3,400	3,100	3,000	2,500	2,700	3,100			
Exports, incl. reexports (metal).....do	3,552	3,184	446	141	375	246	303	216	244	351	150	189	243	199	229		
Stocks, pig (industrial), end of period.....do	3,020	2,592	2,268	2,840	2,646	3,119	2,795	2,688	2,837	2,495	2,512	2,326	2,592	2,766			
Price, Straits quality (delivered).....\$ per lb.	6,5478	6,2380	6,2788	6,3665	6,3650	6,3632	6,3825	6,2989	6,2600	6,1808	6,0361	6,0994	5,9876	5,7367			
Zinc:																	
Mine prod., recoverable zinc.....thous. met. tons..																	
Imports (general):	275.3	225.2	25.0	26.9	21.8	22.7	19.9	19.2	16.2	15.1	21.5	21.4	19.2				
Ores (zinc content).....do	¹ 62.2	95.6	3.5	2.5	2.2	12.7	6.1	8.0	2.4	9.5	8.2	18.8	20.3	18.7	3.7		
Metal (slab, blocks).....do	613.4	632.5	71.4	60.1	65.8	51.0	53.2	55.2	32.6	36.9	61.4	39.6	38.2	42.5	39.7		
Consumption (recoverable zinc content):																	
Ores.....do	52.9	68.1	5.3	5.6	6.1	6.5	7.0	5.5	4.3	5.6	4.4	5.7	6.3				
Scrap, all types.....do	190.2	251.4	16.8	18.1	23.0	23.6	22.2	21.7	21.9	21.7	22.7	21.7	21.2				
Slab zinc: @																	
Production, total.....thous. met. tons..	261.8	290.0	22.1	21.6	25.8	24.7	27.3	24.5	23.6	23.0	23.1	22.8	23.3	28.0	25.8	30.2	
Consumption, fabricators.....do	¹ 775.3	822.2	70.2	76.8	72.1	73.1	71.1	62.8	67.6	65.1	69.2	64.9	59.9				
Exports.....do	.4	.8	.1	.3	.2	.2	(²)	(²)	(²)	(²)	(²)	(²)	(²)	.1	.3		
Stocks, end of period:																	
Producers', at smelter (ABMS).....do	23.9	43.7	15.8	15.0	20.0	25.3	33.9	39.4	40.3	44.4	36.8	32.7	43.7	43.6	41.7	34.3	
Consumers'.....do	¹ 89.0	69.7	82.6	82.9	72.2	75.1	70.5	72.7	66.5	62.3	53.9	58.7	58.4				
Price, Prime Western.....\$ per lb.	4139	4860	5061	5107	5190	5277	5245	4952	4785	4642	4419	4360	4362	4294			
MACHINERY AND EQUIPMENT																	
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #.....mil. \$.																	
Electric processing heating equipment.....do	¹ 274.5	329.1		96.2				108.8			51.7			72.4			
Fuel-fired processing heating equip.....do	87.8	108.6		28.6				23.2			27.4			24.4			
	¹ 77.3	145.5		29.9				43.4			24.3			48.0			
Material handling equipment (industrial):																	
Orders (new), index, seas. adj. ....1967=100..	275.7		284.9	256.5	337.7	358.9	370.6	399.8	403.8	397.2	417.6	372.4					
Industrial supplies, machinery and equipment:																	
New orders index, seas. adjusted.....1977=100..	97.9	120.6	121.3	113.2	116.1	122.7	119.1	120.3	129.1	121.0	118.5	123.2	122.7	118.4	116.4		
Industrial suppliers distribution:																	
Sales index, seas. adjusted.....1977=100..	113.9	133.8	132.1	131.7	132.2	134.9	133.1	134.1	144.7	138.9	136.5	136.2	123.3	133.6	137.5	132.6	
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.).....1977=100..	155.0	158.8	157.0	157.1	158.1	158.4	159.0	159.4	159.6	159.9	160.0	160.3	160.2				
Fluid power products shipments indexes:																	
Hydraulic products, seas. adj. ....1972=100..	201	269	259	263	261	271	264	286	274	283	292	274	255	272	241		
Pneumatic products, seas. adj.....do	208	270	263	248	253	282	262	285	294	267	300	280	248	283	263		
Machine tools:																	
Metal cutting type tools:																	
Orders, new (net), total.....mil. \$.	1,151.65	1,915.80	133.05	146.50	179.80	188.45	130.95	135.85	135.00	222.15	191.75	160.00	159.10	137.75	163.75		
Domestic.....do	1,069.45	1,699.55	121.70	131.90	135.70	167.50	107.55	126.05	118.25	194.85	176.65	154.75	142.15	124.75	148.05		
Shipments, total.....do	1,371.50	1,606.50	103.05	122.50	101.50	150.00	150.30	133.25	116.95	151.35	145.15	159.05	200.85	89.75	108.30		
Domestic.....do	1,199.60	1,483.85	95.30	112.35	92.70	142.10	138.75	127.50	111.05	138.70	129.45	147.15	183.45	80.60	98.95		
Order backlog, end of period.....do	823.2	1,132.4	913.8	937.8	1,016.1	1,054.6	1,035.2	1,037.8	1,055.8	1,126.7	1,173.2	1,174.2	1,132.4	1,180.4	1,235.9		
Metal forming type tools:																	
Orders, new (net), total.....do	544.50	1,000.00	69.85	61.95	73.30	131.10	60.80	177.55	65.60	64.05	91.85	52.00	96.05	73.70	73.85		
Domestic.....do	488.75	931.50	66.00	56.75	65.90	124.40	53.60	173.55	62.00	60.25	71.55	51.45	93.00	71.15	69.65		
Shipments, total.....do	473.55	679.35	44.25	66.75	57.25	60.05	53.20	60.50	47.40	59.40	62.60	52.70	74.85	48.05	57.85		
Domestic.....do	430.45	603.75	40.40	60.00	52.30	52.30	43.45	54.50	44.10	51.15	57.60	48.30	69.10	45.95	52.60		
Order backlog, end of period.....do	221.6	542.2	262.6	257.8	273.9	345.0	352.6	469.6	487.8	492.4	521.7	521.0	542.2	567.8	583.8		

See footnotes at end of tables.

Units	Annual		1984										1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.

METALS AND MANUFACTURES—Continued

MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly:																
Tracklaying, total.....units..	7,247	9,049	775	667	815	985	1,124	725	655	627	696	607	785			
.....mil. \$..	633.6	797.6	62.3	54.2	60.6	78.4	105.9	62.9	62.8	56.9	62.4	63.8	77.2			
Wheel (contractors' off-highway).....units..	3,636	4,935		665			*1,402			*1,289			1,579			
.....mil. \$..	272.9	375.3		49.1			*112.0			*104.2			110.1			
Tractor shovel loaders (integral units only), wheel and tracklaying types.....units..	24,823	31,290		8,794			*8,132			*7,653			6,711			
.....mil. \$..	1,143.0	1,429.0		358.8			*386.7			*348.1			335.4			
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly.....units..	51,890	66,646	*6,540	6,908	6,042	6,336	6,087	3,661	2,924	5,484	8,819	4,419	4,093			
.....mil. \$..	1,816.2	2,424.0	220.8	250.3	236.4	232.2	217.1	128.9	105.6	208.0	373.6	148.6	134.3			
ELECTRICAL EQUIPMENT																
Batteries (auto-type replacement), shipments.....thous..	56,105	59,332	4,273	3,984	3,370	3,759	4,171	3,995	5,377	5,968	6,334	6,085	5,517	4,593	4,545	
Radio sets, production, total market.....thous..	36,454	46,420	2,838	*3,421	3,549	3,468	*3,588	4,855	4,174	*4,653	5,448	3,703	*3,300	1,220		
Television sets (incl. combination models), production, total market.....thous..	19,680	22,210	1,632	*2,133	1,668	1,659	*2,108	1,372	1,761	*2,480	2,102	1,695	*1,923	1,220	1,588	*2,180
Household major appliances (electrical), factory shipments (domestic and export) #.....thous..	32,466	39,446	2,970	*3,467	3,170	3,661	3,836	3,243	3,142	3,249	3,452	3,094	2,886	3,389	2,949	3,888
Air conditioners (room).....do..	2,002	3,103	262	504	459	588	648	187	47	40	36	51	113	209	277	530
Dishwashers.....do..	3,121	3,491	253	*272	258	296	286	291	300	302	324	271	254	295	259	284
Disposers (food waste).....do..	3,544	4,087	359	*384	348	279	328	280	331	362	361	363	302	374	353	356
Microwave ovens/ranges *.....do..	5,933	9,132	524	*697	612	719	726	662	716	888	1,006	986	953	858	598	1,120
Ranges.....do..	2,754	3,074	237	260	237	262	265	267	252	271	278	252	221	257	217	241
Refrigerators.....do..	5,476	5,994	413	*473	484	574	641	652	577	520	505	388	335	437	357	448
Freezers.....do..	1,341	1,281	100	*94	90	110	126	153	133	106	87	81	70	110	73	86
Washers.....do..	4,616	5,049	427	420	364	436	428	417	445	435	465	389	341	451	416	425
Dryers (incl. gas).....do..	3,294	3,684	331	287	250	289	274	283	308	322	382	309	284	360	324	290
Vacuum cleaners (qtrly).....do..	7,942			2,277												
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, warm air, shipments.....thous..	1,662	1,849	142	127	116	118	137	134	170	200	224	172	163	148	114	
Ranges, total, sales.....do..	1,573	1,732	133	154	136	134	153	121	146	173	153	146	151	128	130	
Water heaters (storage), automatic, sales.....do..	3,172	3,502	315	308	337	277	276	277	259	236	346	272	279	319	284	

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production †.....thous. sh. tons..	4,089	4,015	249	278	228	377	293	382	458	402	395	376	293	298	295	
Exports.....do..	776	680	5	3	55	35	40	121	186	91	45	88	3	15	22	
Producer Price Index.....1967=100..	617.1	611.3	612.0	611.2	610.4	611.1	610.8	610.8	610.8	610.8	610.8	610.2	614.7	615.0	615.0	615.0
Bituminous:																
Production †.....thous. sh. tons..	778,008	886,128	73,684	81,587	71,711	79,826	75,293	73,915	89,728	77,971	68,608	65,319	60,617	67,799	67,128	
Consumption, total †.....do..	733,850		62,812	64,888	58,648	59,919	66,431	70,265	73,410	63,919						
Electric power utilities.....do..	624,175	663,244	52,182	54,465	47,470	49,408	56,821	60,259	63,299	53,910	54,324	54,050	56,929			
Industrial, total.....do..	102,586		9,839	9,859	10,336	10,033	9,232	9,395	9,534	9,243						
Coke plants (oven and beehive).....do..	37,005		3,588	3,839	4,177	4,097	3,561	3,636	3,618	3,555						
Residential and commercial.....do..	7,090		791	564	792	478	378	611	577	766						
Stocks, end of period, total †.....do..	162,070		161,898	166,282	173,767	183,085	185,658	184,045	190,243	199,069						
Electric power utilities.....do..	149,091	173,009	148,301	152,378	158,082	165,619	166,408	163,207	167,814	175,050	176,475	173,950	173,009			
Industrial, total.....do..	12,979		13,597	13,904	15,685	17,466	19,250	20,838	22,429	24,019						
Oven-coke plants.....do..	4,337		5,541	6,142	7,161	8,180	9,201	9,644	10,089	10,533						
Exports.....do..	76,870	80,793	4,243	5,809	7,633	8,185	7,787	8,197	8,048	8,619	6,595	4,102	6,522	5,801	6,008	
Producer Price Index.....1967=100..	533.8	542.9	541.5	543.1	538.9	544.4	541.1	545.1	547.0	546.1	545.9	*545.6	545.1	547.5	547.0	546.1
COKE																
Production:																
Beehive and oven (byproduct).....thous. sh. tons..	25,808	30,561		7,696			8,227			7,522			7,115			
Petroleum coke §.....do..	30,661	32,021	2,598	2,797	2,728	2,309	2,734	2,652	2,487	2,660	2,622	2,631	2,591	2,449		
Stocks, end of period:																
Oven-coke plants, total.....do..	3,518	3,716		3,153			2,966			3,441			3,716			
At furnace plants.....do..	3,233	3,363		2,848			2,666			3,146			3,363			
At merchant plants.....do..	286	353		306			300			295			353			
Petroleum coke.....do..	1,096	968	1,265	1,136	1,139	980	912	981	954	991	1,028	1,000	968	959		
Exports.....do..	731	1,130	23	61	66	75	110	96	115	87	191	133	117	98	34	
PETROLEUM AND PRODUCTS																
Crude petroleum:																
Oil wells completed.....number..	37,207	41,064	3,212	4,092	2,821	3,137	3,723	2,629	3,968	3,946	3,434	3,131	3,718			
Producer Price Index.....1967=100..	681.4	670.5	675.6	675.6	673.9	673.9	673.3	672.6	671.1	670.6	669.8	*655.8	652.6	631.1	616.0	615.4
Gross input to crude oil distillation units †.....mil. bbl.	4,360.7	4,473.4	356.0	374.7	361.8	384.8	371.8	379.1	389.9	376.0	376.6	366.9	370.0	359.2		
Refinery operating ratio ‡.....% of capacity..	72	76	76	75	75	77	77	76	78	78	76	77	76	75		
All oils, supply, demand, and stocks: †																
Production:																
Crude petroleum.....do..	3,171.0	3,205.1	253.0	270.3	260.6	271.3	262.3	271.8	272.2	262.8	274.3	265.4	272.7	276.8		
Natural gas plant liquids.....do..	588.2	614.0	48.8	50.7	49.8	51.6	49.6	53.3	52.5	51.2	52.8	51.4	52.1	52.2		
Imports:																
Crude and unfinished oils.....do..	1,317.8	1,358.4	93.7	114.8	114.4	133.4	111.4	122.1	108.4	108.0	127.6	116.7	104.2	88.9		
Refined products.....do..	525.9	610.2	69.9	47.8	45.1	50.0	47.7	44.8	47.6	47.2	51.1	49.2	47.8	46.7		
Change in stocks, all oils.....do..	23.7	101.4	33.9	-19.9	20.8	32.2	5.2	11.4	-13.5	14.1	31.3	10.2	-6	-45.8		
Product demand, total.....do..	5,829.2	6,012.1	463.1	522.4	484.1	506.2	496.4	498.5	522.6	479.4	503.1	493.6	506.4	524.9		
Exports:																
Crude petroleum.....do..	59.9	66.2	5.4	7.3	5.1	6.8	6.7	3.3	5.9	4.8	4.4	6.1	5.7	4.5		
Refined products.....do..	209.9	196.9	11.4	18.6	14.4	16.9	19.2	13.2	16.7	15.1	14.1	19.5	24.7	20.0		

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
PETROLEUM, COAL, AND PRODUCTS—Continued																	
PETROLEUM AND PRODUCTS—Continued																	
All oils, supply, demand, and stocks †—Continued																	
Domestic product demand, total # mil. bbl.	5,559.4	5,749.0	446.3	496.5	464.5	482.5	470.6	482.0	500.0	459.4	484.6	468.1	476.0	500.4			
Gasoline.....do	2,426.5	2,460.6	181.5	202.3	201.2	214.2	213.9	213.3	221.7	199.2	209.2	204.8	204.5	197.0			
Kerosene.....do	46.4	42.4	3.2	3.9	3.4	1.6	2.9	2.8	2.5	3.4	2.6	5.3	4.2	7.7			
Distillate fuel oil.....do	981.9	1,042.4	82.4	100.9	87.9	87.6	78.1	78.1	79.8	79.9	86.0	84.7	88.7	107.3			
Residual fuel oil.....do	518.6	499.5	46.5	50.8	40.7	37.8	39.7	37.6	39.2	35.0	33.3	40.7	36.9	45.9			
Jet fuel.....do	381.8	428.2	32.3	34.1	34.5	35.2	32.7	36.9	38.7	36.1	37.9	34.6	38.2	37.5			
Lubricants.....do	53.4	56.1	5.1	5.2	5.4	4.4	4.7	4.4	4.7	5.0	5.0	4.4	3.8	4.0			
Asphalt.....do	¹ 136.2	147.9	4.5	6.2	8.6	13.2	17.8	19.4	22.0	18.9	16.7	10.2	6.1	4.2			
Liquefied gases.....do	550.7	576.7	49.5	49.0	41.7	43.8	41.8	45.5	46.2	45.0	15.1	47.8	53.5	62.0			
Stocks, end of period, total.....do	1,453.6	1,555.1	1,463.9	1,444.0	1,464.8	1,497.0	1,502.2	1,513.6	1,500.1	1,514.2	1,545.5	1,555.7	1,555.1	1,509.8			
Crude petroleum.....do	722.9	794.0	727.5	727.5	744.5	763.6	766.4	772.1	764.4	756.4	781.2	786.1	794.0	793.5			
Strategic petroleum reserve.....do	379.1	450.5	387.2	391.8	396.9	404.5	413.7	423.9	429.5	431.1	438.2	443.0	450.5	474.4			
Unfinished oils, natural gasoline, etc.....do	161.5	140.0	159.2	164.7	170.4	175.0	163.8	156.0	155.7	159.1	159.7	155.7	140.0	143.8			
Refined products.....do	569.2	621.0	577.3	551.8	550.0	558.4	572.5	585.5	580.0	598.7	604.6	613.9	621.0	572.5			
Refined petroleum products: ‡																	
Gasoline (incl. aviation):																	
Production.....do	2,323.3	2,375.8	184.1	198.2	196.5	207.0	199.6	201.8	200.4	197.0	199.0	202.0	202.5	183.0			
Stocks, end of period.....do	187.8	208.1	199.3	205.5	210.0	213.0	206.5	202.6	189.0	196.9	195.6	201.0	208.1	200.4			
Prices, regular grade (excl. aviation):																	
Producer Price Index.....2/73=100	551.7	515.5	512.4	517.9	520.5	532.6	531.0	520.9	504.6	500.3	509.8	[*] 511.3	503.3	481.7	459.6	467.2	
Retail, U.S. city average (BLS): * \$ per gal.																	
Leaded.....do	1.157	1.129	1.125	1.125	1.145	1.154	1.147	1.129	1.116	1.120	1.127	1.124	1.109	¹ 1.060	1.041	1.071	
Unleaded.....do	1.241	1.212	1.209	1.210	1.227	1.236	1.229	1.212	1.196	1.203	1.209	1.207	1.193	² 1.148	1.131	1.159	
Aviation gasoline:																	
Production.....mil. bbl.	9.2	9.1	.9	.5	.6	.8	1.0	.9	.9	.7	.7	.8	.6	.4			
Stocks, end of period.....do	2.3	2.7	2.6	2.7	2.6	2.3	2.4	2.5	2.4	2.4	2.5	2.6	2.7	2.6			
Kerosene:																	
Production.....do	40.0	41.9	4.4	2.5	2.2	2.5	2.9	2.6	2.7	3.7	4.1	3.9	4.7	3.5			
Stocks, end of period.....do	7.9	11.9	9.3	7.8	6.7	7.6	7.9	8.0	8.5	9.0	11.2	10.8	11.9	8.0			
Producer Price Index (light distillate).....1967=100	906.1	870.0	885.8	903.5	879.2	876.8	876.5	874.3	863.0	853.2	854.4	[*] 857.1	846.5	839.9	832.4	827.5	
Distillate fuel oil:																	
Production.....mil. bbl.	896.5	983.0	83.1	76.9	70.4	81.6	86.4	84.8	83.0	81.7	83.4	84.6	86.9	80.9			
Imports.....do	63.5	98.7	13.3	3.6	6.6	7.8	8.0	6.1	8.2	8.5	13.1	9.2	5.9	8.4			
Stocks, end of period.....do	140.3	161.1	132.2	109.6	97.8	98.2	112.9	124.5	133.5	143.2	152.4	160.8	161.1	141.8			
Producer Price Index (middle distillate).....1967=100	889.8	880.2	924.4	952.1	874.9	881.9	895.2	893.4	859.6	837.8	854.4	[*] 868.9	850.6	835.0	809.5	809.8	
Residual fuel oil:																	
Production.....mil. bbl.	310.9	326.7	29.1	27.5	25.2	25.7	25.2	24.6	25.0	25.8	28.3	28.1	32.7	30.7			
Imports.....do	255.2	246.6	32.1	19.6	19.1	17.2	20.3	18.5	17.7	17.9	14.3	17.6	19.4	18.4			
Stocks, end of period.....do	48.5	53.2	57.6	47.6	47.4	46.3	46.8	49.2	44.7	47.0	50.8	47.2	53.2	46.8			
Producer Price Index.....1967=100	1,058.9	1,120.1	1,093.2	1,114.0	1,106.8	1,131.2	1,138.4	1,148.2	1,124.8	1,110.1	1,114.0	[*] 1,132.3	1,129.8	1,127.8	1,107.3	1,112.6	
Jet fuel:																	
Production.....mil. bbl.	373.2	414.1	32.7	34.2	31.9	33.8	33.6	36.8	37.9	34.8	36.1	34.2	35.5	34.7			
Stocks, end of period.....do	38.6	42.0	39.0	40.6	40.7	40.9	42.9	43.6	45.6	45.2	44.6	44.9	42.0	41.0			
Lubricants:																	
Production.....do	53.8	58.4	4.6	4.9	5.5	4.8	4.9	5.3	5.1	5.3	4.7	4.8	4.4	4.4			
Stocks, end of period.....do	12.1	12.7	11.7	11.2	11.0	10.9	11.1	11.7	12.2	12.5	12.1	12.5	12.7	12.9			
Asphalt:																	
Production.....do	¹ 135.7	141.4	7.0	7.8	10.0	13.1	15.0	16.5	18.1	15.5	12.8	10.9	8.3	7.4			
Stocks, end of period.....do	¹ 18.8	17.2	23.6	25.2	26.6	26.6	23.9	21.4	18.3	15.9	13.1	14.1	17.2	21.0			
Liquefied gases (incl. ethane and ethylene):																	
Production, total.....do	599.2	622.2	49.0	52.2	51.3	53.0	51.4	54.2	54.1	51.1	52.2	51.6	52.1	51.4			
At gas processing plants (L.P.G.).....do	479.6	488.9	38.9	40.5	39.8	40.8	39.4	41.7	41.9	40.6	41.8	41.5	42.1	42.0			
At refineries (L.R.G.).....do	119.6	133.3	10.1	11.8	11.5	12.2	12.1	12.6	12.2	10.5	10.4	10.1	10.0	9.4			
Stocks (at plants and refineries).....do	100.6	100.9	88.9	88.6	93.7	100.5	106.2	110.5	114.6	115.3	111.1	108.3	100.9	86.4			
PULP, PAPER, AND PAPER PRODUCTS																	
PULPWOOD †																	
Receipts.....thous. cords (128 cu. ft.)	¹ 84,475	¹ 88,249	7,434	7,619	7,100	7,425	7,423	7,197	7,642	7,398	7,971	7,196	7,000				
Consumption.....do	¹ 85,442	¹ 87,646	7,295	7,660	7,344	7,439	7,264	7,192	7,368	7,246	7,625	7,153	6,875				
Inventories, end of period.....do	5,229	5,574	5,192	5,157	4,777	4,782	4,682	4,621	4,825	5,023	5,475	5,314	5,574				
WASTE PAPER †																	
Consumption.....thous. sh. tons	¹ 14,696	¹ 15,889	1,276	1,384	1,353	1,397	1,331	1,209	1,347	1,271	1,381	1,324	1,208				
Inventories, end of period.....do	923	1,025	896	896	886	858	870	934	955	931	976	992	1,025				
WOODPULP †																	
Production:																	
Total.....thous. sh. tons	¹ 52,537	¹ 55,579	4,539	4,858	4,715	4,762	4,696	4,530	4,791	4,567	4,773	4,508	4,350				
Dissolving pulp.....do	1,261	1,206	106	106	117	109	100	99	109	73	103	101	87				
Paper grades chemical pulp.....do	42,358	44,739	3,651	3,921	3,779	3,826	3,767	3,645	3,891	3,707	3,846	3,645	3,486				
Groundwood and thermo-mechanical.....do	5,067	5,534	454	466	472	476	482	471	461	455	462	436	447				
Semi-chemical.....do	3,851	4,100	328	365	347	351	346	316	330	334	361	326	330				
Inventories, end of period:																	
At pulp mills:																	
Own use woodpulp.....do	170	175	142	154	157	146	159	153	159	160	164	159	175				
Market pulp.....do	384	581	351	324	341	329	319	379	409	418	502	591	581				
Market pulp at paper and board mills.....do	504	459	546	588	618	594	596	542	506	508	474	470	459				
Exports, all grades, total.....do	¹ 3,874	¹ 3,594	317	374	249	336	307	279	318	285	284	274	311	301	223		
Dissolving and special alpha.....do	646	595	38	74	53	47	57	41	43	49	48	28	65	53	39		
All other.....do	¹ 3,027	¹ 2,999	279	300	196	290	249	238	275	236	236	246	246	247	184		
Imports, all grades, total.....do	¹ 4,093	¹ 4,490	420	341	338	387	360	357	389								

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

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
PULP, PAPER, AND PAPER PRODUCTS—Continued																	
PAPER AND PAPER PRODUCTS †																	
Paper and board:																	
Production (API):																	
Total.....thous. sh. tons..	'65,017	'68,681	5,661	6,079	5,776	6,011	5,842	5,574	5,875	5,669	5,908	5,575	5,158	5,762	.....	.....
Paper.....do.....	32,840	34,422	2,851	3,050	2,888	2,999	2,888	2,782	2,907	2,786	2,997	2,820	2,663	2,917	.....	.....
Paperboard.....do.....	32,177	34,259	2,810	3,029	2,888	3,012	2,954	2,792	2,967	2,883	2,912	2,755	2,495	2,844	.....	.....
Producer price indexes:																	
Paperboard.....1967=100..	250.9	281.2	271.8	275.6	277.1	277.8	279.1	279.1	285.1	288.6	293.7	293.4	292.4	288.9	287.8	285.7	
Building paper and board.....do.....	250.0	259.1	255.1	258.6	265.8	265.2	265.1	262.9	259.8	259.4	257.7	'253.7	253.6	255.2	256.2	256.3	
Selected types of paper (API):																	
Groundwood paper, uncoated:																	
Orders, new.....thous. sh. tons..	'1,581	'1,599	149	141	139	117	125	139	150	123	139	112	124	148	.....	.....
Orders, unfilled, end of period ... do.....	145	164	185	187	194	173	165	150	166	168	165	153	164	203	.....	.....
Shipments.....do.....	'1,531	'1,564	129	140	133	133	131	138	129	123	135	126	113	122	.....	.....
Coated paper:																	
Orders, new.....do.....	'5,864	'6,214	527	552	516	489	542	502	545	479	553	527	504	553	.....	.....
Orders, unfilled, end of period ... do.....	513	573	540	557	568	508	510	495	488	482	570	561	573	579	.....	.....
Shipments.....do.....	5,696	6,227	512	531	510	546	524	478	538	496	553	527	504	556	.....	.....
Uncoated free sheet papers:																	
Orders, new.....do.....	'9,076	'8,879	726	820	697	773	696	696	724	712	797	733	693	777	.....	.....
Shipments.....do.....	'9,095	'9,486	789	846	786	833	795	752	799	754	834	773	718	823	.....	.....
Unbleached kraft packaging and industrial converting papers:																	
Shipments.....thous. sh. tons..	'3,666	'3,667	322	352	331	323	316	328	304	302	313	289	256	302	.....	.....
Tissue paper, production.....do.....	'4,789	'4,921	393	421	402	412	402	391	411	413	434	420	420	403	.....	.....
Newsprint:																	
Canada:																	
Production.....thous. metric tons..	8,486	9,016	622	666	737	811	786	825	775	746	793	758	740	789	741	.....
Shipments from mills.....do.....	8,439	9,034	646	674	701	850	877	759	752	743	792	770	772	739	709	.....
Inventory, end of period.....do.....	303	285	337	329	365	327	236	302	326	329	329	318	285	333	366	.....
United States:																	
Production.....do.....	4,688	5,025	410	434	422	436	424	409	426	415	426	417	389	425	406	.....
Shipments from mills.....do.....	4,675	5,065	412	454	439	451	419	413	417	409	426	422	391	415	404	.....
Inventory, end of period.....do.....	99	60	102	82	65	50	55	52	61	67	67	62	60	70	72	.....
Estimated consumption, all users (.....do.....	10,587	11,435	880	946	973	992	916	913	950	969	1,017	1,039	'999	'879	854	.....
Publishers' stocks, end of period #.....thous. metric tons..	790	874	808	778	770	811	873	955	951	924	903	875	874	'916	946	.....
Imports.....thous. sh. tons..	6,919	7,894	621	591	573	654	740	722	713	666	649	664	637	668	659	.....
Price, rolls, contract, f.o.b. mill, freight allowed or delivered.....Index, 1967=100..	303.0	324.0	309.6	316.0	314.8	314.8	314.8	334.5	331.2	331.2	332.5	'334.9	336.9	336.9	332.4	332.4	
Paper products:																	
Shipping containers, corrugated and solid fiber shipments.....mil. sq. ft. surf. area..	252,539	268,070	'21,903	23,650	21,960	23,001	22,387	21,257	23,759	21,605	24,852	21,103	19,496	23,127	20,337	.....

RUBBER AND RUBBER PRODUCTS

RUBBER																
Natural rubber:																
Consumption.....thous. metric tons..	676.27	750.72	56.78	83.05	68.24	65.12	42.35	73.94	56.06	63.65	58.29	55.37	54.13	.....	.....	.....
Stocks, end of period.....do.....	80.75	96.42	95.68	87.68	87.76	91.42	88.46	87.03	84.75	86.22	87.34	91.30	96.42	.....	.....	.....
Imports, incl. latex and guayule.....thous. long tons..	642.07	786.00	57.82	75.45	69.18	70.25	41.45	73.81	56.23	67.46	61.95	62.36	62.21	71.64	71.68	.....
Price, wholesale, smoked sheets (N.Y.).....\$ per lb..	'2,560	496	583	580	568	518	470	460	460	460	430	428	420	423	423	418
Synthetic rubber:																
Production.....thous. metric tons..	1,936.09	2,095.05	173.02	190.26	193.22	191.43	183.66	166.66	178.43	173.02	179.70	158.32	147.51	.....	.....	.....
Consumption.....do.....	1,827.94	1,984.35	175.36	180.45	166.72	167.11	170.97	147.14	173.85	151.45	184.12	166.34	147.17	.....	.....	.....
Stocks, end of period.....do.....	277.94	274.11	277.18	276.95	294.64	305.01	302.26	309.26	300.64	311.99	301.44	285.88	274.11	.....	.....	.....
Exports (Bu. of Census).....thous. lg. tons..	275.01	327.93	22.22	28.09	29.13	29.42	28.02	29.58	30.24	29.95	25.54	25.92	25.68	23.86	22.68	.....
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production.....thous.....	'186,923	'209,375	17,498	19,122	16,988	18,043	18,557	15,546	18,078	17,333	19,136	16,645	15,682	18,381	.....	.....
Shipments, total.....do.....	218,865	242,454	17,971	21,422	20,851	21,121	21,084	20,753	20,282	20,525	23,510	19,264	17,155	19,965	.....	.....
Original equipment.....do.....	49,364	58,770	5,109	5,728	4,970	5,290	5,109	4,063	4,551	4,493	5,467	4,906	4,324	5,539	.....	.....
Replacement equipment.....do.....	164,265	176,287	12,253	14,973	15,255	15,205	15,420	16,204	15,067	15,473	17,390	13,770	12,159	13,748	.....	.....
Exports.....do.....	5,236	7,397	609	721	626	626	555	486	664	559	653	588	672	678	.....	.....
Stocks, end of period.....do.....	33,340	39,623	37,615	38,529	38,026	37,693	37,678	36,365	37,199	37,685	37,277	37,995	39,623	41,948	.....	.....
Exports (Bu. of Census).....do.....	4,656	6,409	427	544	539	625	500	453	670	533	507	604	550	480	610	.....
Inner tubes, automotive:																
Exports (Bu. of Census).....do.....	1,829	1,611	137	187	85	119	103	120	90	149	239	155	131	135	92	.....

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																	
Shipments, finished cement.....thous. bbl.	'376,856	'428,282	25,638	29,202	34,346	41,527	43,059	42,117	46,851	39,926	43,255	36,452	25,681	21,777	21,723		
CLAY CONSTRUCTION PRODUCTS																	
Shipments: †																	
Brick, unglazed (common and face)																	
mil. standard brick ..	6,218.4	6,510.2	410.3	466.6	554.1	618.7	641.1	630.5	660.4	637.5	638.1	526.6	394.1				
Structural tile, except facing.....thous. sh. tons.	50.8	31.7	1.9	2.4	1.9	2.2	4.1	3.6	3.2	2.8	3.3	2.3					
Sewer pipe and fittings, vitrified...do	419.9	397.6	22.2	29.7	32.8	35.5	39.2	38.2	47.0	42.6	41.4	27.6	18.0				
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft.	348.3	339.7	26.7	29.8	28.0	31.1	29.4	27.9	27.6	26.7	28.4	29.8	29.8				
Producer Price Index, Brick (common), f.o.b. plant or N.Y. dock.....1967=100	337.8	350.7	345.6	346.8	348.3	349.5	350.7	351.1	351.1	353.4	353.6	*353.8	355.2	(*)			
GLASS AND GLASS PRODUCTS																	
Flat glass, mfrs.' shipments.....thous. \$.	954,927	955,088		221,218				235,270			253,243		245,357				
Glass containers: †																	
Production.....thous. gross	294,090	283,254	23,174	25,147	24,658	24,891	25,611	25,604	27,279	22,910	25,771	21,084	15,999				
Shipments, total.....do	293,103	281,715	21,396	24,388	23,371	24,620	25,911	26,128	28,390	22,441	24,632	20,958	18,371				
Narrow-neck containers:																	
Food.....do	28,270	26,076	2,221	2,578	1,995	2,377	2,323	2,344	3,129	2,220	1,915	1,622	1,260				
Beverage.....do	62,617	61,271	4,484	4,639	5,033	5,431	6,100	6,499	6,716	4,880	5,206	4,421	3,896				
Beer.....do	97,100	90,839	6,483	7,781	7,925	8,644	8,906	8,962	8,283	6,849	7,432	6,673	6,014				
Liquor and wine.....do	23,628	24,130	1,789	2,213	2,008	1,996	2,188	2,012	2,339	1,866	2,276	1,923	1,682				
Wide-mouth containers:																	
Food and dairy products.....do	60,108	62,807	4,923	5,416	4,954	4,837	4,979	5,099	6,348	5,872	6,374	5,105	4,457				
Narrow-neck and wide-mouth containers:																	
Medicinal and toilet.....do	19,592	14,725	1,340	1,596	1,342	1,203	1,250	1,024	1,332	1,108	1,271	1,051	968				
Chemical, household and industrial.....do	1,788	1,867	156	165	114	132	165	188	243	146	158	163	94				
Stocks, end of period.....do	43,469	41,739	46,357	46,714	47,677	46,995	46,021	46,370	46,331	44,280	45,601	44,949	41,739				
GYPSUM AND PRODUCTS																	
Production:																	
Crude gypsum (exc. byproduct).....thous. sh. tons.	'12,884	'14,390	1,064	1,292	1,235	1,220	1,183	1,064	1,511	1,373	1,271	1,072	1,243				
Calcined.....do	13,710	14,829	1,212	1,289	1,331	1,276	1,119	1,192	1,236	1,179	1,240	1,251	1,241				
Imports, crude gypsum.....do	8,031	8,904	703	721	668	598	571	1,266	658	938	756	763	557				
Sales of gypsum products:																	
Uncalcined.....do	4,064	'4,544	266	321	324	433	524	373	469	503	376	319	378				
Calcined:																	
Industrial plasters.....do	'442	'522	40	47	45	38	44	42	49	43	49	43	38				
Building plasters, total (incl. Keene's cement) @.....do	257	249	20	22	20	21	21	21	23	21	24	19	17				
Board products, total.....mil. sq. ft.	16,818	18,324	1,524	1,693	1,591	1,528	1,434	1,490	1,581	1,425	1,681	1,470	1,411				
Lath.....do	36	32	3	4	2	4	3	3	2	2	3	2	2				
Veneer base.....do	368	407	37	39	31	34	28	32	36	32	36	34	33				
Gypsum sheathing.....do	344	323	28	28	30	29	26	24	27	27	29	23	22				
Regular gypsum board.....do	10,807	11,474	970	1,070	992	937	874	931	986	883	1,058	932	895				
Type X gypsum board.....do	4,283	'5,083	398	456	426	420	419	419	433	394	465	407	403				
Predecorated wallboard.....do	119	'125	12	12	11	12	10	11	11	9	12	11	10				
½ s mobile home board.....do	861	'880	75	83	99	93	74	70	84	77	79	61	46				

TEXTILE PRODUCTS

FABRIC																
Woven fabric, finishing plants:																
Production (finished fabric).....mil. linear yd.	7,676	'7,154	610	'766	582	600	'713	403	571	'674	563	528	'588	504		
Cotton.....do	2,750	2,663	227	'288	219	228	'260	149	212	'251	212	194	'216	199		
Manmade fiber and silk fabrics.....do	4,926	'4,492	383	'478	362	372	'453	254	360	'423	351	334	'372	305		
Inventories held at end of period ..	720	'630	679	673	680	687	675	664	672	643	668	659	'630	640		
Cotton.....do	252	'276	288	291	290	293	279	267	263	263	272	270	'276	282		
Manmade fiber and silk fabrics.....do	468	'354	390	382	390	395	396	397	409	380	396	389	'354	358		
Backlog of finishing orders.....do			'572	'550	'563	'537	'493	'536	576	566	509	484	'450	497		
Cotton.....do			245	237	227	211	189	190	187	206	196	192	'190	181		
Manmade fiber and silk fabrics.....do			327	313	335	326	304	346	388	360	313	292	'261	256		
COTTON AND MANUFACTURES																
Cotton (excluding linters):																
Production:																
Ginnings ◊.....thous. running bales	7,504	12,545						163	636	1,179	4,324	8,979	11,082			
Crop estimate.....thous. net weight bales	7,771	13,292											13,381			
Consumption.....thous. running bales	5,553	4,803	448	'548	423	442	'503	354	416	'494	415	377	'407	387	'406	511
Stocks in the United States, total, end of period #.....thous. running bales																
Domestic cotton, total.....do	10,686	11,442	8,347	6,903	5,698	4,702	3,775	2,833	14,798	14,026	13,289	12,477	11,442	10,275		
On farms and in transit.....do	10,685	11,441	8,346	6,903	5,697	4,701	3,774	2,832	14,797	14,025	13,288	12,476	11,441	10,274		
Public storage and compresses.....do	1,159	3,208	1,275	1,166	962	943	741	300	12,592	11,949	9,594	4,432	3,208	1,942		
Consuming establishments.....do	8,924	7,551	6,359	4,997	3,960	2,993	2,212	1,757	1,491	1,432	3,155	'7,486	7,551	7,580		
	602	682	712	740	775	765	821	708	714	644	539	558	682	752		

See footnotes at end of tables.

Units	Annual		1984												1985		
	1983	1984	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
TEXTILE PRODUCTS—Continued																	
COTTON AND MANUFACTURES—Cont.																	
Cotton (excluding linters)—Continued																	
Exports.....	5,649	6,516	719	896	723	607	422	365	452	264	292	484	629	793			
Imports.....	8	12	1	(1)	(1)	1	2	3	2	1	1	(1)	(1)	2			
Price(farm), American upland ◊.....	66.0	60.6	65.0	70.1	67.2	72.7	68.0	65.9	67.2	64.6	64.6	61.8	55.8	52.1	47.9		
Price, Strict Low Middling, Grade 41, staple 34 (1½s").....	63.1	73.1	71.4	74.9	75.6	79.4	75.0	67.4	63.0	61.2	61.2	60.4	60.4	60.0	58.6		
Spindle activity (cotton system spindles):																	
Active spindles, last working day, total.....	13.9	13.1	14.0	13.6	13.7	13.7	13.6	13.6	13.5	13.4	13.4	13.0	13.1	12.9			
Consuming 100 percent cotton.....	5.3	5.0	5.3	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9			
Spindle hours operated, all fibers, total.....	90.3	84.6	8.0	*9.1	6.9	7.0	*8.2	5.5	6.5	*7.5	6.5	5.8	*6.2	5.7			
Average per working day.....	343	327	400	364	346	350	328	276	323	301	325	291	247	274			
Consuming 100 percent cotton.....	33.7	30.9	2.9	*3.2	2.5	2.5	*3.0	2.0	2.4	*2.7	2.4	2.2	*2.3	2.0	2.2		
Cotton cloth:																	
Cotton broadwoven goods over 12" in width:																	
Production (qtrly.).....	4,192	3,978		1,092			1,028			923			935				
Orders, unfilled, end of period, compared with average weekly production.....	11.8	12.8	14.2	15.0	14.7	13.1	12.3	*14.5	11.5	12.0	11.1	11.3	10.9	9.0			
Inventories, end of period, compared with avg. weekly production.....	4.7	4.3	4.5	3.9	4.0	4.2	3.9	5.2	4.5	4.3	4.5	5.0	3.2	4.9			
Ratio of stocks to unfilled orders (at cotton mills), end of period.....	.40	.34	.32	.26	.28	.32	.32	.35	.39	.36	.41	.44	.29	.55			
Exports, raw cotton equiv. thous. net-weight.....	188.8	12.3	13.6	13.4	14.2	16.9	13.5	12.8	15.7	16.7	14.1						
Imports, raw cotton equivalent.....	793.1	96.5	102.1	97.9	79.1	98.9	101.7	91.3	80.1	80.6	66.0						
Producer Price Index, gray cotton broadwovens *.....	152.1	158.5	158.6	*156.8	158.2	157.5	159.9	159.2	159.3	159.0	158.4	*157.9	157.7	157.4	157.2		
MANMADE FIBERS AND MANUFACTURES																	
Fiber production, qtrly:																	
Acetate filament yarn.....	227.6	198.2		55.2			56.0			50.0			37.0				
Rayon staple, including tow.....	374.8	389.2		104.0			103.7			94.0			87.5				
Noncellulosic, except textile glass: Yarn and monofilaments.....	3,560.5	3,524.4		897.7			889.9			834.6			902.2				
Staple, incl. tow.....	3,970.6	3,947.3		1,011.5			1,026.8			953.5			955.5				
Textile glass fiber.....	1,167.2			333.3			337.0			342.9							
Fiber stocks, producers', end of period:																	
Acetate filament yarn.....	12.5	12.4		13.2			13.1			15.3			12.4				
Rayon staple, including tow.....	23.3	28.5		25.3			26.2			28.3			28.5				
Noncellulosic fiber, except textile glass: Yarn and monofilaments.....	274.9	301.7		298.0			304.6			300.6			301.7				
Staple, incl. tow.....	342.0	352.7		363.2			376.9			373.6			352.7				
Textile glass fiber.....	124.7			141.2			122.6			139.6							
Manmade fiber and silk broadwoven fabrics:																	
Production(qtrly.), total #.....	11,460.7	11,874.9		3,054.9			3,070.3			2,894.1			2,855.6				
Flament yarn (100%) fabrics #.....	4,472.9	3,867.8		1,227.7			1,264.2			1,217.4			1,258.5				
Chiefly rayon and/or acetate fabrics.....	296.1	524.5		*136.4			141.4			147.9			98.8				
Chiefly nylon fabrics.....	357.1	549.9		140.6			136.8			149.7			*132.8				
Spun yarn (100%) fabrics #.....	5,702.1	5,578.7		1,480.9			1,472.9			1,338.2			1,286.7				
Rayon and/or acetate fabrics, blends.....	86.9	102.1		26.6			28.4			25.6			21.5				
Polyester blends with cotton.....	4,417.4	4,331.1		1,136.5			1,147.9			1,033.7			1,013.0				
Acetate filament and spun yarn fabrics.....	1,094.9	1,093.7		286.8			275.8			279.9			251.2				
Producer Price Index, gray synthetic broadwovens *.....	147.0	152.1	151.2	152.3	152.4	153.5	153.3	153.3	153.6	151.9	152.5	151.0	149.7	149.4	148.9	147.9	
Manmade fiber textile trade:																	
Exports, manmade fiber equivalent.....	460.71		37.05	40.21	38.50	42.79	46.53	40.63	44.02	43.94	44.51	36.94					
Yarn, tops, thread, cloth.....	167.19		13.19	15.86	12.94	15.70	16.55	13.13	15.59	17.32	17.34	14.61					
Cloth, woven.....	108.66		7.96	8.83	8.26	9.91	10.79	9.08	9.80	10.24	9.78	8.07					
Manufactured prods., apparel, furnishings.....	293.52		23.86	24.35	25.56	27.09	29.98	27.50	28.43	26.62	27.17	22.33					
Imports, manmade fiber equivalent.....	1,069.49		118.86	110.21	110.50	114.35	122.45	169.47	127.72	114.80	98.79	80.51					
Yarn, tops, thread, cloth.....	182.50		18.27	19.34	20.11	18.28	18.65	25.44	21.64	21.77	16.20	13.38					
Cloth, woven.....	123.21		11.51	12.53	14.54	12.65	13.45	17.34	15.63	13.52	12.64	9.56					
Manufactured products, apparel, furnishings.....	886.99		100.59	90.87	90.40	96.06	103.80	144.03	106.08	93.04	82.60	67.14					
Apparel, total.....	574.39		63.14	53.16	50.85	56.11	59.78	88.89	67.93	62.70	54.78	41.98					
Knit apparel.....	241.30		22.39	18.63	19.80	23.33	25.85	38.38	29.24	26.70	21.63	15.24					
WOOL AND MANUFACTURES																	
Wool consumption, mill (clean basis):																	
Apparel class.....	126.7	131.9	12.1	*14.0	11.4	12.1	*13.1	8.3	10.0	*11.4	8.7	9.1	*10.1	*9.5	9.1		
Carpet class.....	11.4	9.8	.8	*1.0	1.0	1.0	*1.0	.6	.7	*.7	1.0	.7	*.6	1.0	.9		
Wool imports, clean yield.....	78.1	94.2	9.0	7.8	7.8	10.4	6.7	9.6	6.4	6.0	6.9	5.6	6.8	10.7	5.8		
Duty-free.....	28.7	30.9	1.8	2.7	2.8	3.1	2.2	4.5	2.9	2.6	2.5	1.5	1.5	3.6	1.6		
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																	
Domestic—Graded territory, 64's, staple 2½" and up.....	*2.12	2.28	2.30	2.30	2.45	2.34	2.30	2.30	2.30	2.30	2.21	2.18	2.14	2.05	1.95	1.85	
Australian, 64's, Type 62, duty-paid.....	2.66	2.63	2.76	2.79	2.76	2.71	2.69	2.55	2.59	2.47	2.49	2.55	2.51	2.46	2.33	2.36	
Wool broadwoven goods, exc. felts:																	
Production (qtrly.).....	143.5	158.0		47.8			44.4			29.7			36.1				
FLOOR COVERINGS																	
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....	1,090.1	1,114.2		272.5			298.7			272.7			270.3				
APPAREL																	
Women's, misses', juniors' apparel cuttings: @																	
Coats.....	12,709	*9,616	503	568	602	979	1,057	1,087	1,255	1,261	*992	511	*254	249			
Dresses.....	167,046	*151,879	16,662	16,693	15,359	13,698	11,266	10,473	10,829	10,213	11,868	*10,371	*12,327	13,636			
Suits (incl. pant suits, jumpsuits).....	12,988	*13,918	1,344	1,461	1,256	1,309	1,087	948	1,029	926	1,168	1,190	*1,323	1,306			
Skirts.....	102,335	*91,169	8,567	8,712	7,365	9,007	8,016	6,537	8,108	7,513	*7,111	5,728	*7,244	6,880			
Blouses.....	30,909	*27,712	2,358	2,990	2,776	2,439	2,264	1,962	2,166	2,011	*2,102	1,897	*2,164	2,219			

See footnotes at end of tables.

Units	Annual		1984										1985			
	1983	1984	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..	11,181	12,324	1,079	1,198	993	1,065	956	752	1,101	1,013	1,175	1,075	799	1,024	891	
Coats (separate), dress and sport ..do..	19,113	*20,049	1,739	1,814	1,860	1,904	1,861	1,461	1,715	1,595	1,720	1,565	*1,210	1,623	1,539	
Trousers (separate), dress.....do.....	112,699	*115,118	12,115	10,702	9,700	10,602	9,308	7,396	10,340	9,065	*9,989	8,873	*6,975	8,789	9,336	
Slacks (jean cut), casual.....do.....	187,453	171,222	13,791	14,178	12,732	15,242	13,179	15,338	15,625	15,052	14,073	13,041	11,059	13,345	12,547	
Shirts, dress and sport.....thous. doz..	40,861	*40,135	3,831	3,940	3,505	3,803	3,811	*2,986	3,512	3,064	3,136	2,657	*2,197	2,713	2,620	
Hosiery, shipments.....thous. doz. pairs..	308,079	309,357	25,847	28,867	24,649	25,748	*26,575	31,426	24,637	23,627	27,208	25,460	21,122	24,113	24,156	
TRANSPORTATION EQUIPMENT																
AEROSPACE VEHICLES																
Orders, new (net), qtrly, total.....mil. \$..	92,930	(*)														
U.S. Government.....do.....	62,347	(*)														
Prime contract.....do.....	91,160	(*)														
Sales (net), receipts, or billings, quarterly, total.....do.....	82,777	(*)														
U.S. Government.....do.....	49,169	(*)														
Backlog of orders, end of period #.....do..	116,276	(*)														
U.S. Government.....do.....	74,246	(*)														
Aircraft (complete) and parts.....do.....	48,953	(*)														
Engines (aircraft) and parts.....do.....	12,905	(*)														
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$..	15,524	(*)														
Other related operations (conversions, modifications), products, services.....mil. \$..	14,548	(*)														
Aircraft (complete); Shipments †.....do.....	9,927.5	*8,076.2	580.8	631.3	568.8	735.5	892.8	*898.4	476.0	716.1	649.2	912.5	*1,233.6	410.9		
Airframe weight †.....thous. lb.....	44,936	*34,489	2,814	2,578	2,872	3,065	3,621	*1,535	2,114	3,143	2,810	3,583	*4,883	1,969		
Exports, commercial.....mil. \$..	5,569	3,989	378	322	310	325	469	246	137	389	261	344	668	363	436	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants): Total ††.....thous.....	6,739	7,621	682	772	665	699	676	517	519	538	686	668	559	733	659	(*)
Domestic ††.....do.....	6,201	7,030	632	702	601	639	620	474	486	493	641	622	511	685	606	
Retail sales, total, not seas. adj.....do..	9,179	10,394	841	964	896	1,047	958	890	814	744	900	802	759	835	839	*970
Domestics \$.....do.....	6,793	7,952	655	756	721	803	727	684	604	567	690	601	561	628	645	769
Imports \$.....do.....	2,386	2,442	186	208	174	244	230	206	210	178	211	201	199	207	193	*201
Total, seas. adj. at annual rate.....mil..			10.6	10.1	10.3	10.8	*10.6	10.5	10.1	10.2	10.0	10.0	10.9	10.9	11.0	*10.7
Domestics \$.....do.....			8.4	7.9	8.1	8.3	*8.1	8.1	7.8	7.8	7.4	7.4	8.2	8.4	8.5	8.4
Imports \$.....do.....			2.2	2.2	2.2	2.6	*2.5	2.3	2.4	2.4	2.6	2.6	2.7	2.5	2.4	*2.2
Retail inventories, end of period, domestics: \$ Not seasonally adjusted.....thous.....	1,352	1,415	1,532	1,572	1,535	1,460	1,446	1,298	1,268	1,266	1,293	1,404	1,415	1,608	1,604	1,571
Seasonally adjusted.....do.....	1,350	1,410	1,488	1,559	1,515	1,420	*1,340	1,277	1,320	1,273	1,293	1,396	1,410	1,556	*1,549	1,540
Inventory-retail sales ratio, domestics \$.....do..	2.4	2.1	2.1	2.4	2.2	2.1	*2.0	1.9	2.0	2.0	2.1	2.3	2.1	2.2	2.2	2.2
Exports (BuCensus), total.....do.....	551.16	613.66	53.69	70.88	65.39	63.19	58.31	41.75	31.74	48.01	42.06	52.63	45.23	53.26	58.86	
To Canada.....do.....	523.99	589.30	50.64	68.57	63.37	60.02	57.21	40.40	30.60	46.89	40.26	50.93	41.56	49.99	56.26	
Imports (ITC), complete units # # From Canada, total.....do.....	3,133.8	3,559.4	258.6	317.8	305.2	355.8	295.2	323.1	271.0	269.6	286.9	291.9	*267.8	381.4	315.2	
Registrations ◊, total new vehicles Imports, including domestically sponsored.....do.....	8,924	10,118	782	895	837	886	923	903	852	874	834	816	823	789	790	
Trucks and buses: Factory sales (from U.S. plants): Total @.....do.....	2,414	3,075	252	283	253	288	278	208	261	243	283	263	218	257	265	(*)
Domestic @.....do.....	2,260	2,884	235	264	235	267	260	194	246	230	268	248	203	244	249	
Retail sales, not seasonally adjusted: * Light-duty ††.....do.....	2,520.7	3,261.3	256.2	313.7	289.4	325.0	290.8	275.9	231.2	247.3	295.0	269.9	240.1	287.0	300.5	339.0
Medium-duty ††.....do.....	47.7	60.9	4.3	4.7	4.8	4.8	4.5	7.0	5.0	5.4	6.1	5.5	5.0	4.7	3.9	5.0
Heavy-duty ††.....do.....	141.0	216.2	14.2	17.1	18.3	20.4	20.6	19.9	17.9	19.1	20.2	16.8	18.9	17.2	15.6	20.6
Retail sales, seasonally adjusted: Light-duty ††.....do.....			254.2	262.9	281.0	268.8	273.9	290.1	244.6	269.9	294.8	294.1	269.0	299.8	*321.2	301.5
Medium-duty ††.....do.....			5.1	4.6	4.8	4.4	4.1	5.2	4.5	5.3	5.9	7.3	6.0	5.5	*4.7	5.2
Heavy-duty ††.....do.....			15.5	15.2	16.4	19.1	19.7	19.4	17.8	20.2	19.8	20.6	19.5	17.6	*17.9	19.4
Retail inventories, end of period: Not seasonally adjusted *.....do.....	583.7	782.8	672.8	686.4	684.6	679.5	699.8	636.7	696.8	727.8	750.0	788.2	782.8	813.9	821.5	808.4
Seasonally adjusted.....do.....	598.5	806.4	663.0	676.3	677.1	673.3	673.5	660.8	729.5	744.4	743.4	782.3	806.4	792.3	*811.3	798.0
Exports (BuCensus).....do.....	131.86	153.38	15.20	15.76	14.95	15.59	13.06	10.90	9.37	12.53	11.48	11.52	12.50	11.01	14.70	
Imports (BuCensus), including separate chassis and bodies.....thous.....	846.89	1,077.12	72.72	85.78	111.41	105.66	92.36	95.30	78.75	94.35	84.13	90.13	86.12	105.63	109.91	
Registrations ◊, new vehicles, excluding buses not produced on truck chassis.....thous.....	2,977	4,047	302	329	336	348	363	347	330	357	350	341	361	334	346	
Truck trailers and chassis, complete (excludes detachables), shipments †.....number.....	120,658	234,230	17,341	19,237	17,788	20,202	19,982	19,477	*21,525	18,600	20,996	18,459	20,892	*14,473	14,162	
Vans †.....do.....	85,067	156,600	12,597	13,668	12,127	13,473	13,243	12,640	*14,425	11,677	12,573	11,799	12,957	*9,389	9,023	
Trailer bodies (detachable), sold separately †.....do.....	2,698	899	98	47	15	47	75	31	*163	113	132	69	21	*9	16	
Trailer chassis (detachable), sold separately †.....do.....	4,406	25,529	1,398	2,062	1,742	2,614	2,592	2,398	*2,848	2,292	2,326	2,132	1,487	*819	1,219	
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number.....	*5,772	*12,396	528	894	722	755	1,771	1,327	1,300	1,465	1,295	1,225	796	1,223	830	
Equipment manufacturers.....do.....	*5,570	*12,396	528	894	722	755	1,771	1,327	1,300	1,465	1,295	1,225	796	887	830	
New orders.....do.....	*5,964	15,460	1,523	1,213	672	1,801	2,994	607	785	775	1,578	525	751	408	650	
Equipment manufacturers.....do.....	*5,962	15,054	1,523	1,213	672	1,801	2,744	607	785	775	1,422	525	751	408	650	
Unfilled orders, end of period.....do.....	3,271	5,154	6,548	6,928	5,177	5,723	7,267	6,821	6,306	5,616	5,899	5,199	5,154	4,134	3,954	
Equipment manufacturers.....do.....	3,271	4,748	6,548	6,928	5,177	5,723	7,017	6,571	6,056	5,366	5,493	4,793	4,748	4,064	3,884	
Freight cars (revenue), class I railroads(AAR): ‡ Number owned, end of period.....thous.....	1,007	948	1,001	996	992	986	979	975	972	967	958	952	948	943	938	
Capacity (carrying), total, end of month.....mil. tons.....	82.96	79.02	82.60	82.22	82.00	81.54	81.06	80.84	80.66	80.21	79.71	79.33	79.02	78.50	78.04	
Average per car.....do.....	82.37	83.34	82.52	82.56	82.64	82.73	82.83	82.90	82.96	82.96	83.18	83.30	83.34	83.26	83.24	

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 1984 SURVEY for revised estimates for 1981-84.
- ‡ Includes inventory valuation and capital consumption adjustments.
- § Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income.

Page S-2

- 1. Based on data not seasonally adjusted.
- # Includes data not shown separately.
- ‡ See note "‡" for p. S-8.
- † See note "†" for p. S-8.
- †† See note "††" for p. S-3.
- @ Revised series. For manufacturing see note "††" for p. S-3. For retail see note "‡" for p. S-8. For wholesale see note "†" for p. S-8.
- § Revised series. Data have revised back to 1981, effective with the August 1984 SURVEY. Revisions are available upon request.

Page S-3

- # Includes data for items not shown separately.
- ‡ See note "‡" for p. S-8.
- † See note "†" for p. S-8.
- †† Effective May 1984 SURVEY, data have been revised for Jan. 1977-Dec. 1983. A detailed description of this revision and data appear in the report "Manufacturers' Shipments, Inventories, and Orders" M3-1.13 (1977-1983), copies of this report can be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. A computer tape of the report, including data back to 1958 can be purchased from the Data User Services Division, Customer Services Branch, Bureau of the Census, Washington, DC 20233.
- @ See note "@ for p. S-2.
- § See note "§" for p. S-2.

Page S-4

- 1. Based on data not seasonally adjusted.
- # Includes data for items not shown separately.
- ‡ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.
- † See note "†" for p. S-3.
- ◇ 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. The annual liabilities figure for 1983 is \$16,072,860,000.
- 3. See note "◇" for this page.
- @ Compiled by Dun & Bradstreet, Inc. Monthly data are now available through 1982, and are available upon request. The 1983 annual figure for the failure annual rate and the 1983 monthly data will be available at a later date.
- # Includes data for items not shown separately.
- § Ratio of prices received to prices paid (parity index).
- ‡ See note "‡" for p. S-4.
- † Effective with the Feb. 1984 SURVEY, data (back to 1981 for some commodities) have been revised. Effective with July 1984 SURVEY, data for 1982-83 have been revised. Effective with the Feb. 1985 SURVEY, data (back to 1982, for some commodities) have been revised. These revisions are available upon request.
- ◇ Beginning with data for Jan. 1983 (Jan. 1985, for CPI-W), the index is affected by a change in methodology used to compute the homeownership component. For additional information regarding this change, see p. S-36 of the Feb. 1983 SURVEY.
- * New series.
- †† See note "††" for p. S-3.

Page S-6

- § For actual producer prices or price indexes of individual commodities, see respective commodities in the Industry section beginning p. S-19. All indexes subject to revision four months after original publication.
- # Includes data for items not shown separately.
- * New series. This index (first shown in the Feb. 1984 SURVEY) reflects costs associated with homeowners' consumption of shelter service. This new index combines the subindexes of owners' equivalent rent and household insurance. Indexes prior to Dec. 1982 are not available. For additional information, see p. S-36 of the Feb. 1983 SURVEY.
- ‡ Effective with the Feb. 1984 SURVEY, data have been revised back to 1979. Effective with the Mar. 1985 SURVEY, data have been revised back to 1980. These revisions are available upon request.
- † Effective with the Feb. 1984 SURVEY, data back to 1979 have been revised. Effective with the Feb. 1985 SURVEY, data back to 1980 have been revised. These revisions are available upon request.
- ◇ See note "◇" for p. S-5.

Page S-7

- 1. Computed from cumulative valuation total.
- 2. Index as of Apr. 1, 1985: building, 359.2; construction, 389.1.
- 3. Data are for 16,000 permit-issuing places.
- # Includes data for items not shown separately.
- § Data for Mar., May, Aug., and Nov. 1984, and Jan. 1985 are for five weeks; other months four weeks.
- † Effective Feb. 1984 SURVEY, data for seasonally adjusted housing starts have been revised back to 1981. Effective Feb. 1985 SURVEY, data have been revised from 1982-84. These revisions are available upon request.
- ‡ Effective Feb. 1985 SURVEY, data for building permit authorizations are based on 17,000 permit-issuing places beginning with Jan. 1984. These revisions are available upon request.
- @ Effective Feb. 1984 SURVEY, data for seasonally adjusted manufacturer's shipments of mobile homes have been revised back to 1981. Effective Feb. 1985 SURVEY, unadjusted data for Jan. 1982 through June 1984, and seasonally adjusted data from Jan. 1982 through Nov. 1984 have been revised. These revisions are available upon request.

Page S-8

- 1. Advance estimate.
- 2. Direct endorsement cases are included beginning with June data.
- 3. January and February 1983 revised monthly figures are not available from source, but they are included in the 1983 revised annual total.
- ◇ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-14.
- § Data include guaranteed direct loans sold.
- # Includes data for items not shown separately.
- † Effective April 1985 SURVEY, wholesale trade data have been revised for Jan. 1977-Dec. 1984. A detailed description and the revised series appear in the report "Revised Monthly Wholesale Trade" BW-13-85, available from the Bureau of the Census, Washington, DC 20233; \$2.50 per copy.
- ‡ Effective April 1985 SURVEY, retail trade data have been revised for Jan. 1977-Dec. 1984. Revised data and a summary of changes appear in the report "Revised Monthly Retail Sales and Inventories" BR-13-85, available from the Bureau of the Census, Washington, DC 20233; \$2.75 per copy.
- * New series. Annual data for earlier periods are available upon request. Monthly data for earlier periods will be available later.

Page S-9

- 1. Advance estimate.
- # Includes data for items not shown separately.
- ◇ Effective with the January 1985 SURVEY, the seasonally adjusted labor force series have been revised back to January 1980. Effective with the January 1984 SURVEY, the seasonally adjusted labor force series have been revised back to January 1979. Revised monthly data back to 1980 appear in the January 1985 issue of *Employment and Earnings*. Revised monthly data for 1979 appear in the February 1984 issue of *Employment and Earnings*.
- † The participation rate is the percent of the civilian noninstitutional population in the civilian labor force. The employment-population ratio is civilian employment as a percent of the civilian noninstitutional population, 16 years and over.
- ‡ See note "‡" for p. S-8.
- * New series.
- @ Data include resident armed forces.

Page S-10

- ◇ See note "◇" for p. S-9.
- * New series.
- † Effective June 1984 SURVEY, data have been revised back to April 1982 (not seasonally adjusted) and January 1979 (seasonally adjusted) based on the March 1983 benchmark, an improved method for estimating the employment effect of new firms entering the economy, and revised seasonal factors. The June 1984 issue of *"Employment and Earnings"* contains a detailed discussion of the effects of the revisions.

Page S-11

- ‡ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.
- ◇ Production and nonsupervisory workers.
- * New series.
- † See note "†" for p. S-10.

Page S-12

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

◇ 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, 1985: Common, \$15.91; Skilled, \$20.89.

* New series.

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

† Excludes farm, household, and Federal workers.

†† See note "†" for p. S-10.

Page S-13

1. Average for Dec.

2. Reported annual; monthly revisions are not available.

3. Effective December 1, 1982, there was a break in the commercial paper series because of changes in reporting panels, modifications to reporting instructions and corrections to misreported bank data.

‡ Effective January 1984, series revised due to changes in the reporting panel and in the item contents. The new panel includes 168 banks that had domestic office assets exceeding \$1.4 billion as of December 31, 1982.

Includes data for items not shown separately.

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

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

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

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

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

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

Page S-14

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

2. Weighted by number of loans.

† Effective March 1985 SURVEY, the consumer installment credit series have been revised back to July 1980 to reflect more complete benchmark data for some of the components.

Includes data for items not shown separately.

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

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

‡‡ Courtesy of *Metals Week*.

@@ Average effective rate

* New series. For an explanation of the prime rate and historical data, see p. S-36 of the June or July 1984 SURVEY.

Page S-15

1. Beginning 1983, the reporting frequency has been changed from a monthly to a quarterly basis.

2. This series has been discontinued.

† Effective Feb. 1985 SURVEY, the money stock measures and components have been revised and are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551

‡ Composition of the money stock measures is as follows:

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

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

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

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

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

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

* New series. For "Other checkable deposits," see also note "‡‡" for this page.

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

Includes data for items not shown separately.

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

@@ Annual data for 1978-82 and monthly data for 1982 have been revised to exclude private placements. Monthly revisions for 1978-81 are not available.

Page S-16

1. The Aaa public utility average was suspended Jan. 17, 1984, because of a lack of appropriate issues. The average corporate and the Aaa corporate do not include Aaa utilities from Jan. 17 to Oct. 12. The Aaa utility average was reinstated on Oct. 12; the Oct. monthly average includes only the last 14 days of the month.

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

‡ For bonds due or callable in 10 years or more.

Includes data for items not shown separately.

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

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

Page S-17

1. Beginning with Jan. 1982 data, the Customs value is being substituted for the f.a.s. value.

Includes data not shown separately.

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

Page S-18

1. See note 1 for p. S-17.

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

3. Before extraordinary and prior period items.

4. For month shown.

5. Domestic trunk operations only (averaging about 90 percent of domestic total).

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

Includes data for items not shown separately.

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

‡ Beginning Jan. 1977, Class I railroads are defined as those having operating revenues of \$50 million or more.

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

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

* New series.

Page S-19

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

2. Data for 1984 are not comparable to 1983 because of court ordered divestiture.

3. Less than 500 short tons.

4. Data are unavailable after 1983.

Includes data for items not shown separately.

§ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.

‡ Monthly data back to 1981 have been revised and are available upon request.

* New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data back to 1980 are available upon request.

@ Because of deregulation, carriers are free to enter both domestic and international markets. Previously, carriers were limited either to domestic or overseas markets. Separate data for domestic or overseas are no longer available.

Page S-20

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

2. Annual total includes data for Hawaii; not distributed to the months.

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

◇ Revised quarterly data for 1981-83 are available upon request.

@ Effective 1983, data are based on a new sample of approximately 150 establishments, which was selected using the 1981 annual survey "Paints and Allied Products" panel as a universe frame. Comparable data for 1979-82 and revisions for 1983 are available upon request.

† Effective with the July 1984 SURVEY, data for 1980-82 (and 1975 for revenue from sales to customers) have been revised. Effective with the Feb. 1985 SURVEY, data for 1982-83 have been revised. These revisions are available upon request.

Page S-21

1. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
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. Effective with 1983, figure represents June 1 stocks (based on previous year's crop); whereas, 1982 and earlier annuals are for stocks ending Dec. 31 of the respective calendar year. Quarterly estimates are no longer available.
6. See note "@" for this page.
7. Less than 50,000 bushels.
8. Data are no longer available.
- § Excludes pearl barley.
- # Bags of 100 lbs.
- @ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).
- * New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data for earlier periods are available upon request.
- ** New series, first shown in the Sept. 1984 SURVEY. Annual and monthly indexes for earlier periods are available upon request.

Page S-22

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

Page S-23

1. Crop estimate for the year.
2. Annual total; monthly revisions are not available.
- # Totals include data for items not shown separately.
- * New series, first shown in the Mar. 1984 SURVEY. Annual and monthly indexes for earlier periods are available upon request.
- † New series.
- ◇ Effective Dec. 1983 SURVEY, the footwear production series have been revised back to Jan. 1981. Effective Dec. 1984 SURVEY, the footwear production series have been revised back to Jan. 1982.

Page S-24

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

Page S-25

1. Annual data; monthly revisions are not available.
2. For month shown.
- † Beginning January 1982, data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.
- * New series. Estimated U.S. free market price, prompt delivery to the Midwest.

Page S-26

1. Annual data; monthly revisions are not available.
2. Less than 50 tons.
3. Quarterly data were discontinued for 1983 and reinstated beginning first quarter 1984.
- ◇ 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.

Page S-27

1. Data withheld to avoid disclosing information for individual companies.
2. Data are for five weeks; other months 4 weeks.
- # Includes data for items not shown separately.
- § Includes nonmarketable catalyst coke. See also note "‡" for this page.
- ◇ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.
- † Effective with the Nov. 1983 SURVEY, data for 1982 have been revised. Effective with the June 1984 SURVEY, data for 1983 have been revised. Effective with the December 1984 SURVEY, coal production data for 1983 have been revised. These revisions are available upon request.
- * New series. Includes U.S. produced and imported microwave ovens and combination microwave oven/ranges.
- ‡ Effective with the July 1984 SURVEY, data for 1983 have been revised and are available upon request.

Page S-28

1. Reported annual totals; revisions not allocated to the months.
2. Effective with Jan. 1983, data include road oil. Total road oil data for 1982 were (thous. bbl.): 591, domestic demand; 610, production; 47, stocks.
3. Effective with the Jan. 1985 price, gasoline that contains alcohol as an additive is included.
- † New series. First shown in March 1984 SURVEY. Earlier data are available upon request.
- * New series, first shown in the Feb. 1984 SURVEY. Prices back to 1974 are available upon request.
- # Includes data for items not shown separately.
- ‡ Except for price data, see note "‡" for p. S-27.

Page S-29

1. See note 1 for p. S-28.
2. Average for 11 months; no price available for Dec. 1983.
- ◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.
- † See note "†" for p. S-28.
- # Compiled by the American Newspaper Publishers Association.

Page S-30

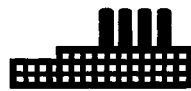
1. Reported annual total; revisions not allocated to the months.
2. Crop for the year.
3. Data cover five weeks; other months, four weeks.
4. Data are no longer available.
- # Includes data for items not shown separately.
- ◇ Cumulative ginnings to the end of month indicated.
- § Bales of 480 lbs.
- ‡ Monthly revisions for 1982 and 1983 are available upon request.
- † Monthly revisions for 1981-83 are available upon request.
- @ Effective with the Mar. 1984 SURVEY, sales of regular basecoat and all other building plasters (including Keene's cement) have been combined to represent sales of total building plasters. For comparability, earlier published figures for these two series should be combined.

Page S-31

1. Less than 500 bales.
2. Annual total includes revisions not distributed to the months.
3. Average for crop year; Aug. 1-Jul. 31.
4. For five weeks; other months four weeks.
5. Average for 10 months; no data for Jan.-Feb.
- ◇ 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.
- * New series.
- § Bales of 480 lbs.
- @ Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.

Page S-32

1. Annual total includes revisions not distributed to the months.
2. Production of new vehicles (thous. of units) for Mar. 1985: *passenger cars, 747; trucks and buses, 295.*
3. Effective with the Feb. 1984 SURVEY, data have been revised back to 1981. Effective with the Mar. 1985 SURVEY, data have been revised back to 1982. These revisions, which were made to reflect updated seasonal factors, are available upon request.
4. See note "##" for this page.
5. Series has been discontinued.
6. Effective with the July 1984 SURVEY, data for 1983 have been revised and are available upon request.
7. See 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.
- † Monthly revisions for aircraft shipments and airframe weight for 1982 and 1983 are available upon request. Monthly revisions for truck trailers, etc. for 1981-83 are available upon request.
- @ Includes passenger vans.
- * New series, first shown in the Mar. 1984 SURVEY. Annual and monthly data back to 1967 are available upon request.
- †† Includes Volkswagens produced in the U.S.
- ‡‡ Sizes (gross vehicle weight) are classified as follows: Light-duty, up to 14,000 lbs.; medium-duty, 14,001 - 26,000 lbs.; and heavy-duty, 26,001 lbs. and over.
- ## Annual and monthly data back to 1981 have been replaced with total imports of passenger cars published by the International Trade Commission, which exclude estimated quantities of passenger cars assembled in foreign trade zones. These new data, which are comparable with data previously published for 1980 and earlier periods, are available upon request.
- @@ Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.



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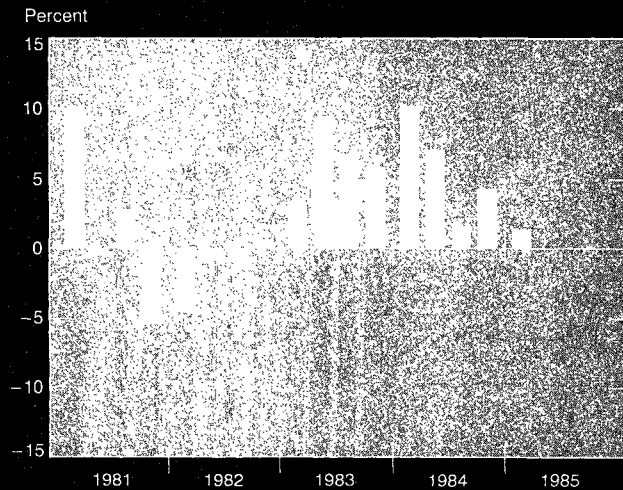


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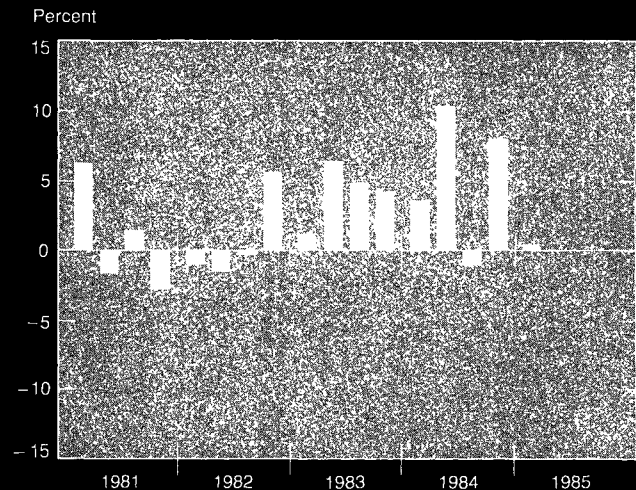
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- Real final sales increased ½ percent
- GNP fixed-weighted price index increased 4½ percent
- Real disposable personal income declined 2 percent

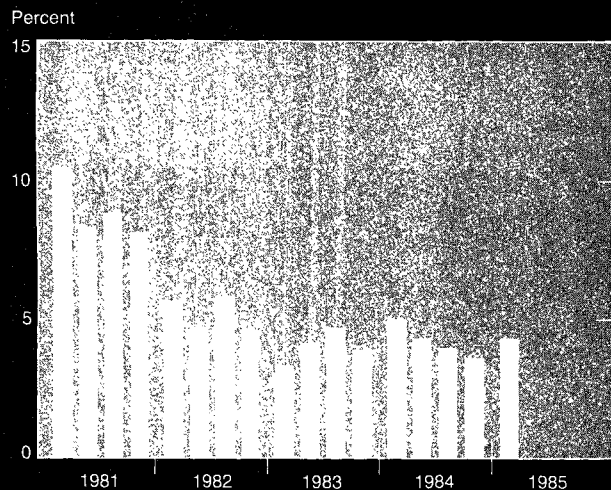
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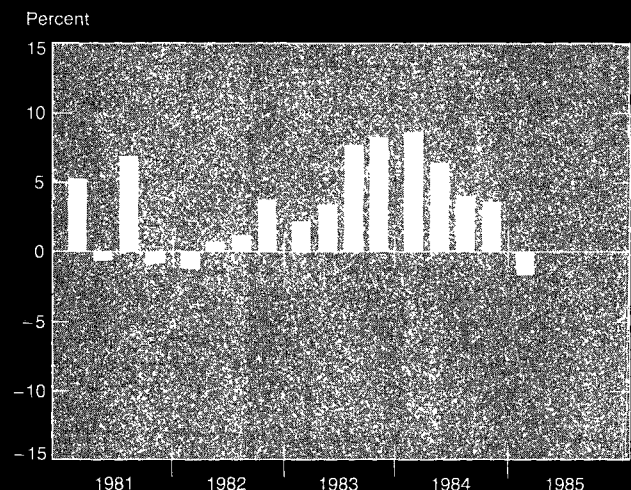
Real Final Sales



GNP Fixed-Weighted Price Index



Real Disposable Personal Income



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